



**PROSPECTUS**  
May 1, 2021

# **COLUMBIA VARIABLE PORTFOLIO – LARGE CAP INDEX FUND**

The Fund may offer Class 1, Class 2 and Class 3 shares to separate accounts funding variable annuity contracts and variable life insurance policies (Contracts) issued by affiliated and unaffiliated life insurance companies as well as qualified pension and retirement plans (Qualified Plans) and other qualified institutional investors authorized by Columbia Management Investment Distributors, Inc. (the Distributor). There are no exchange ticker symbols associated with shares of the Fund.

As with all mutual funds, the Securities and Exchange Commission (SEC) has not approved or disapproved these securities or passed upon the adequacy of this prospectus. Any representation to the contrary is a criminal offense.

**Not Federally Insured • No Financial Institution Guarantee • May Lose Value**

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## SUMMARY OF THE FUND

### Investment Objective

Columbia Variable Portfolio – Large Cap Index Fund (the Fund) seeks to provide shareholders with long-term capital appreciation.

### Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay as an investor in the Fund. The table does not reflect any fees or expenses imposed by your Contract or Qualified Plan, which are disclosed in your separate Contract prospectus or Qualified Plan disclosure documents. If the additional fees or expenses were reflected, the expenses set forth below would be higher.

| <b>Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)</b> |                |                |                |
|---|----------------|----------------|----------------|
|   | <b>Class 1</b> | <b>Class 2</b> | <b>Class 3</b> |
| Management fees   | 0.20%          | 0.20%          | 0.20%          |
| Distribution and/or service (12b-1) fees  | 0.00%          | 0.25%          | 0.13%          |
| Other expenses  | 0.06%          | 0.06%          | 0.06%          |
| <b>Total annual Fund operating expenses</b>   | <b>0.26%</b>   | <b>0.51%</b>   | <b>0.39%</b>   |

### Example

The following example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds. The example illustrates the hypothetical expenses that you would incur over the time periods indicated, and assumes that:

- you invest \$10,000 in the applicable class of Fund shares for the periods indicated,
- your investment has a 5% return each year, and
- the Fund's total annual operating expenses remain the same as shown in the *Annual Fund Operating Expenses* table above.

The example does not reflect any fees and expenses that apply to your Contract or Qualified Plan. Inclusion of these charges would increase expenses for all periods shown.

Although your actual costs may be higher or lower, based on the assumptions listed above, your costs would be:

|   | <b>1 year</b> | <b>3 years</b> | <b>5 years</b> | <b>10 years</b> |
|---|---------------|----------------|----------------|-----------------|
| <b>Class 1</b> (whether or not shares are redeemed) | \$27          | \$ 84          | \$146          | \$331           |
| <b>Class 2</b> (whether or not shares are redeemed) | \$52          | \$164          | \$285          | \$640           |
| <b>Class 3</b> (whether or not shares are redeemed) | \$40          | \$125          | \$219          | \$493           |

### Portfolio Turnover

The Fund may pay transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 9% of the average value of its portfolio.

## SUMMARY OF THE FUND *(continued)*

### Principal Investment Strategies

Under normal market conditions, the Fund invests at least 80% of its net assets (including the amount of any borrowings for investment purposes) in common stocks that comprise the Standard & Poor's (S&P) 500 Index (the Index).

The Fund may invest in derivatives, such as futures (including equity index futures), for cash equitization purposes.

Different common stocks have different weightings in the Index, depending on the amount of stock outstanding and the stock's current price. In seeking to match the performance of the Index, Columbia Management Investment Advisers, LLC (the Investment Manager) attempts to allocate the Fund's assets among common stocks in approximately the same weightings as the Index. This is referred to as a passive or indexing approach to investing. As a result of the Fund's indexing approach to investing, the Fund will typically emphasize within the portfolio those economic sectors emphasized by the Index, such as the information technology sector. The Fund may buy shares of Ameriprise Financial, Inc., an affiliate of the Investment Manager, which is currently included in the Index, subject to certain restrictions.

### Principal Risks

An investment in the Fund involves risks, including **Correlation/Tracking Error Risk**, **Passive Investment Risk**, **Large-Cap Stock Risk**, and **Market Risk**, among others. Descriptions of these and other principal risks of investing in the Fund are provided below. *There is no assurance that the Fund will achieve its investment objective and you may lose money.* The value of the Fund's holdings may decline, and the Fund's net asset value (NAV) and share price may go down. An investment in the Fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

**Correlation/Tracking Error Risk.** The Fund's value will generally decline when the performance of the Index declines. A number of factors may affect the Fund's ability to achieve a high degree of correlation with the Index, and there is no guarantee that the Fund will achieve a high degree of correlation. Failure to achieve a high degree of correlation may prevent the Fund from achieving its investment objective. The Fund also bears management and other expenses and transaction costs in trading securities or other instruments, which the Index does not bear. The Fund, unlike the Index, is subject to regulatory requirements that can limit the Fund's investments relative to what the Index can hold. Accordingly, the Fund's performance will likely fail to match the performance of the Index, after taking expenses into account. It is not possible to invest directly in an index.

**Derivatives Risk.** Derivatives may involve significant risks. Derivatives are financial instruments with a value in relation to, or derived from, the value of an underlying asset(s) or other reference, such as an index, rate or other economic indicator (each an underlying reference). Derivatives may include those that are privately placed or otherwise exempt from SEC registration, including certain Rule 144A eligible securities. Derivatives could result in Fund losses if the underlying reference does not perform as anticipated. Use of derivatives is a highly specialized activity that can involve investment techniques, risks, and tax planning different from those associated with more traditional investment instruments. The Fund's derivatives strategy may not be successful and use of certain derivatives could result in substantial, potentially unlimited, losses to the Fund regardless of the Fund's actual investment. A relatively small movement in the price, rate or other economic indicator associated with the underlying reference may result in substantial loss for the Fund. Derivatives may be more volatile than other types of investments. The value of derivatives may be influenced by a variety of factors, including national and international political and economic developments. Potential changes to the regulation of the derivatives markets may make derivatives more costly, may limit the market for derivatives, or may otherwise adversely affect the value or performance of derivatives. Derivatives can increase the Fund's risk exposure to underlying references and their attendant risks, such as credit risk, market risk, foreign currency risk and interest rate risk, while exposing the Fund to correlation risk, counterparty risk, hedging risk, inflation risk, leverage risk, liquidity risk, pricing risk and volatility risk.

## SUMMARY OF THE FUND *(continued)*

**Derivatives Risk – Futures Contracts Risk.** A futures contract is an exchange-traded derivative transaction between two parties in which a buyer (holding the “long” position) agrees to pay a fixed price (or rate) at a specified future date for delivery of an underlying reference from a seller (holding the “short” position). The seller hopes that the market price on the delivery date is less than the agreed upon price, while the buyer hopes for the contrary. Certain futures contract markets are highly volatile, and futures contracts may be illiquid. Futures exchanges may limit fluctuations in futures contract prices by imposing a maximum permissible daily price movement. The Fund may be disadvantaged if it is prohibited from executing a trade outside the daily permissible price movement. At or prior to maturity of a futures contract, the Fund may enter into an offsetting contract and may incur a loss to the extent there has been adverse movement in futures contract prices. The liquidity of the futures markets depends on participants entering into offsetting transactions rather than making or taking delivery. To the extent participants make or take delivery, liquidity in the futures market could be reduced. Because of the low margin deposits normally required in futures trading, it is possible that the Fund may employ a high degree of leverage in the portfolio. As a result, a relatively small price movement in a futures contract may result in substantial losses to the Fund, exceeding the amount of the margin paid. For certain types of futures contracts, losses are potentially unlimited. Futures markets are highly volatile and the use of futures may increase the volatility of the Fund’s NAV. Futures contracts executed (if any) on foreign exchanges may not provide the same protection as U.S. exchanges. Futures contracts can increase the Fund’s risk exposure to underlying references and their attendant risks, such as credit risk, market risk, foreign currency risk and interest rate risk, while also exposing the Fund to correlation risk, counterparty risk, hedging risk, inflation risk, leverage risk, liquidity risk, pricing risk and volatility risk.

**Issuer Risk.** An issuer in which the Fund invests or to which it has exposure may perform poorly or below expectations, and the value of its securities may therefore decline, which may negatively affect the Fund’s performance. Underperformance of an issuer may be caused by poor management decisions, competitive pressures, breakthroughs in technology, reliance on suppliers, labor problems or shortages, corporate restructurings, fraudulent disclosures, natural disasters, military confrontations, war, terrorism, disease/virus outbreaks, epidemics or other events, conditions and factors which may impair the value of an investment in the Fund.

- **Large-Cap Stock Risk.** Investments in larger, more established companies (larger companies) may involve certain risks associated with their larger size. For instance, larger companies may be less able to respond quickly to new competitive challenges, such as changes in consumer tastes or innovation from smaller competitors. Also, larger companies are sometimes less able to achieve as high growth rates as successful smaller companies, especially during extended periods of economic expansion.

**Market Risk.** The Fund may incur losses due to declines in the value of one or more securities in which it invests. These declines may be due to factors affecting a particular issuer, or the result of, among other things, political, regulatory, market, economic or social developments affecting the relevant market(s) more generally. In addition, turbulence in financial markets and reduced liquidity in equity, credit and/or fixed income markets may negatively affect many issuers, which could adversely affect the Fund, including causing difficulty in assigning prices to hard-to-value assets in thinly traded and closed markets, significant redemptions and operational challenges. Global economies and financial markets are increasingly interconnected, and conditions and events in one country, region or financial market may adversely impact issuers in a different country, region or financial market. These risks may be magnified if certain events or developments adversely interrupt the global supply chain; in these and other circumstances, such risks might affect companies worldwide. As a result, local, regional or global events such as terrorism, war, natural disasters, disease/virus outbreaks and epidemics or other public health issues, recessions, depressions or other events – or the potential for such events – could have a significant negative impact on global economic and market conditions.

The coronavirus disease 2019 (COVID-19) pandemic has resulted in, and may continue to result in, significant global economic and societal disruption and market volatility due to disruptions in market access, resource availability, facilities operations, imposition of tariffs, export controls and supply chain disruption, among others. Such disruptions may be caused, or exacerbated by, quarantines and travel restrictions, workforce displacement and loss in human and other resources. The uncertainty surrounding the magnitude, duration, reach, costs and effects of the global pandemic, as well as actions that have been or could be taken by governmental authorities or other third parties, present unknowns that are yet to unfold. The impacts, as well as the uncertainty over impacts to come, of

## SUMMARY OF THE FUND *(continued)*

COVID-19 – and any other infectious illness outbreaks, epidemics and pandemics that may arise in the future – could negatively affect global economies and markets in ways that cannot necessarily be foreseen. In addition, the impact of infectious illness outbreaks and epidemics in emerging market countries may be greater due to generally less established healthcare systems, governments and financial markets. Public health crises caused by the COVID-19 outbreak may exacerbate other pre-existing political, social and economic risks in certain countries or globally. The disruptions caused by COVID-19 could prevent the Fund from executing advantageous investment decisions in a timely manner and negatively impact the Fund's ability to achieve its investment objective. Any such event(s) could have a significant adverse impact on the value and risk profile of the Fund.

**Passive Investment Risk.** The Fund is not “actively” managed and may be affected by a general decline in market segments related to its underlying index. The Fund invests in securities or instruments included in, or believed by the Investment Manager to be representative of, its underlying index, regardless of their investment merits. The Fund does not seek temporary defensive positions when markets decline or appear overvalued.

**Sector Risk.** At times, the Fund may have a significant portion of its assets invested in securities of companies conducting business within one or more economic sectors, including the information technology sector. Companies in the same sector may be similarly affected by economic, regulatory, political or market events or conditions, which may make the Fund more vulnerable to unfavorable developments in that sector than funds that invest more broadly. Generally, the more broadly the Fund invests, the more it spreads risk and potentially reduces the risks of loss and volatility.

■ **Information Technology Sector.** The Fund is more susceptible to the particular risks that may affect companies in the information technology sector than if it were invested in a wider variety of companies in unrelated sectors. Companies in the information technology sector are subject to certain risks, including the risk that new services, equipment or technologies will not be accepted by consumers and businesses or will become rapidly obsolete. Performance of such companies may be affected by factors including obtaining and protecting patents (or the failure to do so) and significant competitive pressures, including aggressive pricing of their products or services, new market entrants, competition for market share and short product cycles due to an accelerated rate of technological developments. Such competitive pressures may lead to limited earnings and/or falling profit margins. As a result, the value of their securities may fall or fail to rise. In addition, many information technology sector companies have limited operating histories and prices of these companies' securities historically have been more volatile than other securities, especially over the short term. Some companies in the information technology sector are facing increased government and regulatory scrutiny and may be subject to adverse government or regulatory action, which could negatively impact the value of their securities.

## SUMMARY OF THE FUND *(continued)*

### Performance Information

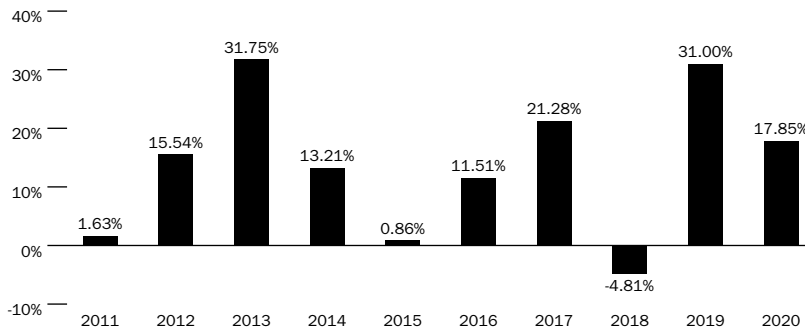
The following bar chart and table show you how the Fund has performed in the past, and can help you understand the risks of investing in the Fund. The bar chart shows how the Fund's Class 3 share performance has varied for each full calendar year shown. The table below the bar chart compares the Fund's returns for the periods shown with a broad measure of market performance.

The performance of one or more share classes shown in the table below begins before the indicated inception date for such share class. The returns shown for each such share class include the returns of the Fund's Class 3 shares (adjusted to reflect the higher class-related operating expenses of such share classes, where applicable) for periods prior to its inception date. Share classes with expenses that are higher than Class 3 shares will have performance that is lower than Class 3 shares. Except for differences in annual returns resulting from differences in expenses (where applicable), the share classes of the Fund would have substantially similar annual returns because all share classes of the Fund invest in the same portfolio of securities.

The returns shown do not reflect any fees and expenses imposed under your Contract or Qualified Plan and would be lower if they did.

**The Fund's past performance is no guarantee of how the Fund will perform in the future.** Updated performance information can be obtained by calling toll-free 800.345.6611 or visiting [columbiathreadneedleus.com](http://columbiathreadneedleus.com).

**Year by Year Total Return (%)  
as of December 31 Each Year**



**Best and Worst Quarterly Returns  
During the Period Shown in the Bar Chart**

|       |                  |         |
|-------|------------------|---------|
| Best  | 2nd Quarter 2020 | 20.34%  |
| Worst | 1st Quarter 2020 | -19.69% |

**Average Annual Total Returns (for periods ended December 31, 2020)**

|   | Share Class<br>Inception Date | 1 Year | 5 Years | 10 Years |
|---|-------------------------------|--------|---------|----------|
| <b>Class 1</b>  | 04/25/2011                    | 18.03% | 14.86%  | 13.51%   |
| <b>Class 2</b>  | 04/25/2011                    | 17.74% | 14.58%  | 13.24%   |
| <b>Class 3</b>  | 05/01/2000                    | 17.85% | 14.73%  | 13.38%   |
| <b>S&amp;P 500 Index</b> (reflects no deductions for fees, expenses or taxes) |                               | 18.40% | 15.22%  | 13.88%   |

### Fund Management

**Investment Manager:** Columbia Management Investment Advisers, LLC

**Portfolio Manager**

Christopher Lo, CFA  
Kaiyu Zhao  
Christopher Rowe

**Title**

Senior Portfolio Manager  
Associate Analyst  
Portfolio Analyst

**Role with Fund**

Lead Portfolio Manager  
Portfolio Manager  
Portfolio Manager

**Managed Fund Since**

2014  
November 2020  
November 2020

## SUMMARY OF THE FUND *(continued)*

### **Purchase and Sale of Fund Shares**

The Fund is available for purchase through Contracts offered by the separate accounts of participating insurance companies or Qualified Plans or by other eligible investors authorized by Columbia Management Investment Distributors, Inc. (the Distributor). Shares of the Fund may not be purchased or sold by individual owners of Contracts or Qualified Plans. If you are a Contract holder or Qualified Plan participant, please refer to your separate Contract prospectus or Qualified Plan disclosure documents for information about minimum investment requirements and how to purchase and redeem shares of the Fund on days the Fund is open for business.

### **Tax Information**

The Fund expects to be treated as a partnership for U.S. federal income tax purposes, and does not expect to make regular distributions (other than in redemption of Fund shares) to shareholders which are generally the participating insurance companies investing in the Fund through separate accounts or Qualified Plans or certain other eligible investors authorized by the Distributor. You should consult with the participating insurance company that issued your Contract, plan sponsor or other eligible investor through which your investment in the Fund is made regarding the U.S. federal income taxation of your investment.

### **Payments to Broker-Dealers and Other Financial Intermediaries**

If you make allocations to the Fund, the Fund, its Distributor or other related companies may pay participating insurance companies or other financial intermediaries for the allocation (sale) of Fund shares and related services in connection with such allocations to the Fund. These payments may create a conflict of interest by influencing the participating insurance company, other financial intermediary or your salesperson to recommend an allocation to the Fund over another fund or other investment option. Ask your financial advisor or salesperson or visit your financial intermediary's website for more information.



## MORE INFORMATION ABOUT THE FUND

### Investment Objective

Columbia Variable Portfolio – Large Cap Index Fund (the Fund) seeks to provide shareholders with long-term capital appreciation. Only shareholders can change the Fund's investment objective. Because any investment involves risk, there is no assurance the Fund's investment objective will be achieved.

### Principal Investment Strategies

Under normal market conditions, the Fund invests at least 80% of its net assets (including the amount of any borrowings for investment purposes) in common stocks that comprise the Standard & Poor's (S&P) 500 Index (the Index).

The Fund may invest in derivatives, such as futures (including equity index futures), for cash equitization purposes.

Different common stocks have different weightings in the Index, depending on the amount of stock outstanding and the stock's current price. In seeking to match the performance of the Index, Columbia Management Investment Advisers, LLC (the Investment Manager) attempts to allocate the Fund's assets among common stocks in approximately the same weightings as the Index. This is referred to as a passive or indexing approach to investing. As a result of the Fund's indexing approach to investing, the Fund will typically emphasize within the portfolio those economic sectors emphasized by the Index, such as the information technology sector. The Fund may buy shares of Ameriprise Financial, Inc., an affiliate of the Investment Manager, which is currently included in the Index, subject to certain restrictions.

The Fund attempts to achieve at least a 95% correlation between the performance of the Index and the Fund's investment results, before fees and expenses. A correlation of 1.00 means the return of the Fund can be completely explained by the return of the Index. The Fund's ability to track the Index is affected by, among other things, transaction costs and other expenses (which the Index does not incur), changes in the composition of the Index, changes in the number of shares issued by the companies represented in the Index, and by the timing and amount of Fund shareholder purchases and redemptions.

In the event a correlation of 0.95 or better is not achieved, the Fund's Board of Trustees will consider alternative arrangements.

The Fund may change its target Index for a different index if the current Index is discontinued or if the Board believes a different index would better enable the Fund to match the performance of the market segment represented by the current Index. The substitute index will measure the same general segment of the market as the current Index.

The Investment Manager may sell a stock when the stock's percentage weighting in the index is reduced, when the stock is removed from the index, if the timing of cash flows in and out of the Fund requires it to sell a security, corporate actions have affected the issuer (such as corporate reorganizations, mergers or acquisitions) or for other reasons.

Although index funds, by their nature, tend to be tax-efficient investments, the Fund generally is managed without regard to tax efficiency.

The Fund's investment policy with respect to 80% of its net assets may be changed by the Fund's Board of Trustees without shareholder approval as long as shareholders are given 60 days' advance written notice of the change.

## MORE INFORMATION ABOUT THE FUND *(continued)*

### Principal Risks

An investment in the Fund involves risks, including **Correlation/Tracking Error Risk**, **Passive Investment Risk**, **Large-Cap Stock Risk**, and **Market Risk**, among others. Descriptions of these and other principal risks of investing in the Fund are provided below. *There is no assurance that the Fund will achieve its investment objective and you may lose money.* The value of the Fund's holdings may decline, and the Fund's net asset value (NAV) and share price may go down. An investment in the Fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

**Correlation/Tracking Error Risk.** The Fund's value will generally decline when the performance of the Index declines. A number of factors may affect the Fund's ability to achieve a high degree of correlation with the Index, and there is no guarantee that the Fund will achieve a high degree of correlation. Failure to achieve a high degree of correlation may prevent the Fund from achieving its investment objective. The factors that may adversely affect the Fund's correlation with the Index include, among others, the size of the Fund's portfolio, fees, expenses, transaction costs, income items, valuation methodology, accounting standards, the effectiveness of sampling techniques (if applicable), changes in the Index and disruptions or illiquidity in the markets for the securities or other instruments in which the Fund invests. While the Fund typically seeks to track the performance of the Index by investing all, or substantially all, of its assets in the components of the Index in approximately the same proportion as their weighting in the Index, at times, the Fund may not have investment exposure to all components of the Index, or its weighting of investment exposure to such components may be different from that of the Index. In addition, the Fund may invest in securities or other instruments not included in the Index. The Fund may take or refrain from taking investment positions for various reasons, such as tax efficiency purposes, or to comply with regulatory restrictions, which may negatively affect the Fund's correlation with the Index. The Fund may also be subject to large movements of assets into and out of the Fund, potentially resulting in the Fund being over- or under-exposed to certain components of the Index and may be impacted by Index reconstitutions and Index rebalancing events. Holding cash balances may detract from the Fund's ability to track the Index. In addition, the Fund's NAV may deviate from the Index if the Fund fair values a portfolio security at a price other than the price used by the Index for that security. The Fund also bears management and other expenses and transaction costs in trading securities or other instruments, which the Index does not bear. The Fund, unlike the Index, is subject to regulatory requirements that can limit the Fund's investments relative to what the Index can hold. The Fund, unlike the Index, is subject to Office of Foreign Assets Control and other regulatory restrictions, including, for example, restrictions on the ability of the Fund to invest in or hold certain securities. If the Fund is restricted from investing in or holding a security that was a component of the Index, and the Index did not remove such security, timely or at all, the Fund's ability to track the Index could be negatively impacted. Accordingly, the Fund's performance will likely fail to match the performance of the Index, after taking expenses into account. Any of these factors could decrease correlation between the performance of the Fund and the Index and may hinder the Fund's ability to meet its investment objective. It is not possible to invest directly in an index.

**Derivatives Risk.** Derivatives may involve significant risks. Derivatives are financial instruments, traded on an exchange or in the over-the-counter (OTC) markets, with a value in relation to, or derived from, the value of an underlying asset(s) (such as a security, commodity or currency) or other reference, such as an index, rate or other economic indicator (each an underlying reference). Derivatives may include those that are privately placed or otherwise exempt from SEC registration, including certain Rule 144A eligible securities. Derivatives could result in Fund losses if the underlying reference does not perform as anticipated. Use of derivatives is a highly specialized activity that can involve investment techniques, risks, and tax planning different from those associated with more traditional investment instruments. The Fund's derivatives strategy may not be successful and use of certain derivatives could result in substantial, potentially unlimited, losses to the Fund regardless of the Fund's actual investment. A relatively small movement in the price, rate or other economic indicator associated with the underlying reference may result in substantial loss for the Fund. Derivatives may be more volatile than other types of investments. Derivatives can increase the Fund's risk exposure to underlying references and their attendant risks, including the risk of an adverse credit event associated with the underlying reference (credit risk), the risk of an adverse movement in the value, price or rate of the underlying reference (market risk), the risk of an adverse movement in the value of underlying currencies (foreign currency risk) and the risk of an adverse movement in underlying interest rates (interest rate risk). Derivatives may expose the Fund to additional risks, including the risk of

## MORE INFORMATION ABOUT THE FUND *(continued)*

loss due to a derivative position that is imperfectly correlated with the underlying reference it is intended to hedge or replicate (correlation risk), the risk that a counterparty will fail to perform as agreed (counterparty risk), the risk that a hedging strategy may fail to mitigate losses, and may offset gains (hedging risk), the risk that the return on an investment may not keep pace with inflation (inflation risk), the risk that losses may be greater than the amount invested (leverage risk), the risk that the Fund may be unable to sell an investment at an advantageous time or price (liquidity risk), the risk that the investment may be difficult to value (pricing risk), and the risk that the price or value of the investment fluctuates significantly over short periods of time (volatility risk). The value of derivatives may be influenced by a variety of factors, including national and international political and economic developments. Potential changes to the regulation of the derivatives markets may make derivatives more costly, may limit the market for derivatives, or may otherwise adversely affect the value or performance of derivatives.

**Derivatives Risk – Futures Contracts Risk.** A futures contract is an exchange-traded derivative transaction between two parties in which a buyer (holding the “long” position) agrees to pay a fixed price (or rate) at a specified future date for delivery of an underlying reference from a seller (holding the “short” position). The seller hopes that the market price on the delivery date is less than the agreed upon price, while the buyer hopes for the contrary. Certain futures contract markets are highly volatile, and futures contracts may be illiquid. Futures exchanges may limit fluctuations in futures contract prices by imposing a maximum permissible daily price movement. The Fund may be disadvantaged if it is prohibited from executing a trade outside the daily permissible price movement. At or prior to maturity of a futures contract, the Fund may enter into an offsetting contract and may incur a loss to the extent there has been adverse movement in futures contract prices. The liquidity of the futures markets depends on participants entering into offsetting transactions rather than making or taking delivery. To the extent participants make or take delivery, liquidity in the futures market could be reduced. Positions in futures contracts may be closed out only on the exchange on which they were entered into or through a linked exchange, and no secondary market exists for such contracts. Futures positions are marked to market each day and variation margin payment must be paid to or by the Fund. Because of the low margin deposits normally required in futures trading, it is possible that the Fund may employ a high degree of leverage in the portfolio. As a result, a relatively small price movement in a futures contract may result in substantial losses to the Fund, exceeding the amount of the margin paid. For certain types of futures contracts, losses are potentially unlimited. Futures markets are highly volatile and the use of futures may increase the volatility of the Fund’s NAV. Futures contracts executed (if any) on foreign exchanges may not provide the same protection as U.S. exchanges. Futures contracts can increase the Fund’s risk exposure to underlying references and their attendant risks, such as credit risk, market risk, foreign currency risk and interest rate risk, while also exposing the Fund to correlation risk, counterparty risk, hedging risk, inflation risk, leverage risk, liquidity risk, pricing risk and volatility risk.

- An **equity future** is a derivative that is an agreement for the contract holder to buy or sell a specified amount of an individual equity, a basket of equities or the securities in an equity index on a specified date at a predetermined price.

**Issuer Risk.** An issuer in which the Fund invests or to which it has exposure may perform poorly or below expectations, and the value of its securities may therefore decline, which may negatively affect the Fund’s performance. Underperformance of an issuer may be caused by poor management decisions, competitive pressures, breakthroughs in technology, reliance on suppliers, labor problems or shortages, corporate restructurings, fraudulent disclosures, natural disasters, military confrontations, war, terrorism, disease/virus outbreaks, epidemics or other events, conditions and factors which may impair the value of an investment in the Fund.

- **Large-Cap Stock Risk.** Investments in larger companies may involve certain risks associated with their larger size. For instance, larger companies may be less able to respond quickly to new competitive challenges, such as changes in consumer tastes or innovation from smaller competitors. Also, larger companies are sometimes less able to achieve as high growth rates as successful smaller companies, especially during extended periods of economic expansion.

**Market Risk.** The Fund may incur losses due to declines in the value of one or more securities in which it invests. These declines may be due to factors affecting a particular issuer, or the result of, among other things, political, regulatory, market, economic or social developments affecting the relevant market(s) more generally. In addition, turbulence in financial markets and reduced liquidity in equity, credit and/or fixed income markets may negatively

## MORE INFORMATION ABOUT THE FUND *(continued)*

affect many issuers, which could adversely affect the Fund, including causing difficulty in assigning prices to hard-to-value assets in thinly traded and closed markets, significant redemptions and operational challenges. Global economies and financial markets are increasingly interconnected, and conditions and events in one country, region or financial market may adversely impact issuers in a different country, region or financial market. These risks may be magnified if certain events or developments adversely interrupt the global supply chain; in these and other circumstances, such risks might affect companies worldwide. As a result, local, regional or global events such as terrorism, war, natural disasters, disease/virus outbreaks and epidemics or other public health issues, recessions, depressions or other events – or the potential for such events – could have a significant negative impact on global economic and market conditions.

The coronavirus disease 2019 (COVID-19) pandemic has resulted in, and may continue to result in, significant global economic and societal disruption and market volatility due to disruptions in market access, resource availability, facilities operations, imposition of tariffs, export controls and supply chain disruption, among others. Such disruptions may be caused, or exacerbated by, quarantines and travel restrictions, workforce displacement and loss in human and other resources. The uncertainty surrounding the magnitude, duration, reach, costs and effects of the global pandemic, as well as actions that have been or could be taken by governmental authorities or other third parties, present unknowns that are yet to unfold. The impacts, as well as the uncertainty over impacts to come, of COVID-19 – and any other infectious illness outbreaks, epidemics and pandemics that may arise in the future – could negatively affect global economies and markets in ways that cannot necessarily be foreseen. In addition, the impact of infectious illness outbreaks and epidemics in emerging market countries may be greater due to generally less established healthcare systems, governments and financial markets. Public health crises caused by the COVID-19 outbreak may exacerbate other pre-existing political, social and economic risks in certain countries or globally. The disruptions caused by COVID-19 could prevent the Fund from executing advantageous investment decisions in a timely manner and negatively impact the Fund's ability to achieve its investment objective. Any such event(s) could have a significant adverse impact on the value and risk profile of the Fund.

**Passive Investment Risk.** The Fund is not “actively” managed and may be affected by a general decline in market segments related to its underlying index. The Fund invests in securities or instruments included in, or believed by the Investment Manager to be representative of, its underlying index, regardless of their investment merits. The Fund does not seek temporary defensive positions when markets decline or appear overvalued.

**Sector Risk.** At times, the Fund may have a significant portion of its assets invested in securities of companies conducting business within one or more economic sectors, including the information technology sector. Companies in the same sector may be similarly affected by economic, regulatory, political or market events or conditions, which may make the Fund more vulnerable to unfavorable developments in that sector than funds that invest more broadly. Generally, the more broadly the Fund invests, the more it spreads risk and potentially reduces the risks of loss and volatility.

■ **Information Technology Sector.** The Fund is more susceptible to the particular risks that may affect companies in the information technology sector than if it were invested in a wider variety of companies in unrelated sectors. Companies in the information technology sector are subject to certain risks, including the risk that new services, equipment or technologies will not be accepted by consumers and businesses or will become rapidly obsolete. Performance of such companies may be affected by factors including obtaining and protecting patents (or the failure to do so) and significant competitive pressures, including aggressive pricing of their products or services, new market entrants, competition for market share and short product cycles due to an accelerated rate of technological developments. Such competitive pressures may lead to limited earnings and/or falling profit margins. As a result, the value of their securities may fall or fail to rise. In addition, many information technology sector companies have limited operating histories and prices of these companies' securities historically have been more volatile than other securities, especially over the short term. Some companies in the information technology sector are facing increased government and regulatory scrutiny and may be subject to adverse government or regulatory action, which could negatively impact the value of their securities.

## MORE INFORMATION ABOUT THE FUND *(continued)*

### **Additional Investment Strategies and Policies**

This section describes certain investment strategies and policies that the Fund may utilize in pursuit of its investment objective and some additional factors and risks involved with investing in the Fund.

#### **Investment Guidelines**

As a general matter, and except as specifically described in the discussion of the Fund's principal investment strategies in this prospectus or as otherwise required by the Investment Company Act of 1940, as amended (the 1940 Act), the rules and regulations thereunder and any applicable exemptive relief, whenever an investment policy or limitation states a percentage of the Fund's assets that may be invested in any security or other asset or sets forth a policy regarding an investment standard, compliance with that percentage limitation or standard will be determined solely at the time of the Fund's investment in the security or asset.

#### **Holding Other Kinds of Investments**

The Fund may hold other investments that are not part of its principal investment strategies. These investments and their risks are described below and/or in the Statement of Additional Information (SAI). The Fund may choose not to invest in certain securities described in this prospectus and in the SAI, although it has the ability to do so. Information on the Fund's holdings can be found in the Fund's shareholder reports or by visiting [columbiathreadneedleus.com](http://columbiathreadneedleus.com).

#### **Transactions in Derivatives**

The Fund may enter into derivative transactions or otherwise have exposure to derivative transactions through underlying investments. Derivatives are financial contracts whose values are, for example, based on (or "derived" from) traditional securities (such as a stock or bond), assets (such as a commodity like gold or a foreign currency), reference rates (such as the Secured Overnight Financing Rate (commonly known as SOFR) or the London Interbank Offered Rate (commonly known as LIBOR)) or market indices (such as the Standard & Poor's 500<sup>®</sup> Index). The use of derivatives is a highly specialized activity which involves investment techniques and risks different from those associated with ordinary portfolio securities transactions. Derivatives involve special risks and may result in losses or may limit the Fund's potential gain from favorable market movements. Derivative strategies often involve leverage, which may exaggerate a loss, potentially causing the Fund to lose more money than it would have lost had it invested in the underlying security or other asset directly. The values of derivatives may move in unexpected ways, especially in unusual market conditions, and may result in increased volatility in the value of the derivative and/or the Fund's shares, among other consequences. Other risks arise from the Fund's potential inability to terminate or to sell derivative positions. A liquid secondary market may not always exist for the Fund's derivative positions at times when the Fund might wish to terminate or to sell such positions. Over-the-counter instruments (investments not traded on an exchange) may be illiquid, and transactions in derivatives traded in the over-the-counter market are subject to the risk that the other party will not meet its obligations. The use of derivatives also involves the risks of mispricing or improper valuation and that changes in the value of the derivative may not correlate perfectly with the underlying security, asset, reference rate or index. The Fund also may not be able to find a suitable derivative transaction counterparty, and thus may be unable to engage in derivative transactions when it is deemed favorable to do so, or at all. U.S. federal legislation has been enacted that provides for new clearing, margin, reporting and registration requirements for participants in the derivatives market. These changes could restrict and/or impose significant costs or other burdens upon the Fund's participation in derivatives transactions. The U.S. government and the European Union (and some other jurisdictions) have enacted regulations and similar requirements that prescribe clearing, margin, reporting and registration requirements for participants in the derivatives market. These requirements are evolving and their ultimate impact on the Fund remains unclear but such impact could include restricting and/or imposing significant costs or other burdens upon the Fund's participation in derivatives transactions. Additionally, in October 2020, the SEC adopted new regulations governing the use of derivatives by registered investment companies. Once effective, Rule 18f-4 will, among other things, require funds that invest in derivative instruments beyond a specified limited amount to apply a value-at-risk based limit to their use of certain derivative instruments and establish a comprehensive derivatives risk management program. A fund that uses derivative instruments in a limited amount will not be subject to the full requirements of Rule 18f-4. Compliance with Rule 18f-4 will not be

## MORE INFORMATION ABOUT THE FUND *(continued)*

required until August 2022. Rule 18f-4 could have an adverse impact on a Fund's performance and ability to implement its investment strategies as it has historically. For more information on the risks of derivative investments and strategies, see the SAI.

*LIBOR Phase-Out Risk.* Many derivatives and other financial instruments utilize or are permitted to utilize a floating interest rate based on LIBOR. On July 27, 2017, the United Kingdom's Financial Conduct Authority (FCA) announced its intention to phase out the use of LIBOR by the end of 2021. The FCA and the ICE Benchmark Administration have since announced that most LIBOR settings will no longer be published after December 31, 2021 and a majority of U.S. dollar LIBOR settings will cease publication after June 30, 2023. It is possible that a subset of LIBOR settings will be published after these dates on a "synthetic" basis, but any such publications would be considered non-representative of the underlying market. The interest rate benchmark(s) that will replace LIBOR in the capital markets remains uncertain, and the overall economic impact of the transition away from LIBOR cannot yet be determined. The Investment Manager monitors the Fund's LIBOR exposure risks, including the extent to which any derivative and/or debt investments allow for the utilization of alternative rate(s) to LIBOR.

### **Affiliated Fund Investing**

The Investment Manager or an affiliate serves as investment adviser to funds using the Columbia brand (Columbia Funds), including those that are structured as "fund-of-funds", and provides asset-allocation services to (i) shareholders by investing in shares of other Columbia Funds, which may include the Fund (collectively referred to in this section as Underlying Funds), and (ii) discretionary managed accounts (collectively referred to as affiliated products) that invest exclusively in Underlying Funds. These affiliated products, individually or collectively, may own a significant percentage of the outstanding shares of one or more Underlying Funds, and the Investment Manager seeks to balance potential conflicts of interest between the affiliated products and the Underlying Funds in which they invest. The affiliated products' investment in the Underlying Funds may have the effect of creating economies of scale, possibly resulting in lower expense ratios for the Underlying Funds, because the affiliated products may own substantial portions of the shares of Underlying Funds. However, redemption of Underlying Fund shares by one or more affiliated products could cause the expense ratio of an Underlying Fund to increase, as its fixed costs would be spread over a smaller asset base. Because of large positions of certain affiliated products, the Underlying Funds may experience relatively large inflows and outflows of cash due to affiliated products' purchases and sales of Underlying Fund shares. Although the Investment Manager or its affiliate may seek to minimize the impact of these transactions where possible, for example, by structuring them over a reasonable period of time or through other measures, Underlying Funds may experience increased expenses as they buy and sell portfolio securities to manage the cash flow effect related to these transactions. Further, when the Investment Manager or its affiliate structures transactions over a reasonable period of time in order to manage the potential impact of the buy and sell decisions for the affiliated products, those affiliated products, including funds-of-funds, may pay more or less (for purchase activity), or receive more or less (for redemption activity), for shares of the Underlying Funds than if the transactions were executed in one transaction. In addition, substantial redemptions by affiliated products within a short period of time could require the Underlying Fund to liquidate positions more rapidly than would otherwise be desirable, which may have the effect of reducing or eliminating potential gain or causing it to realize a loss. In order to meet such redemptions, an Underlying Fund may be forced to sell its liquid (or more liquid) positions, leaving the Underlying Fund holding, post-redemption, a relatively larger position in illiquid investments (i.e., any investment that the Fund reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the investment) or less liquid securities. Substantial redemptions may also adversely affect the ability of the Underlying Fund to implement its investment strategy. The Investment Manager or its affiliate also has a conflict of interest in determining the allocation of affiliated products' assets among the Underlying Funds, as it earns different fees from the various Underlying Funds.

## MORE INFORMATION ABOUT THE FUND *(continued)*

### **Investing in Money Market Funds**

The Fund may invest cash in, or hold as collateral for certain investments, shares of registered or unregistered money market funds, including funds advised by the Investment Manager or its affiliates. These funds are not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC) or any other government agency. The Fund and its shareholders indirectly bear a portion of the expenses of any money market fund or other fund in which the Fund may invest.

### **Lending of Portfolio Securities**

The Fund may lend portfolio securities to broker-dealers or other financial intermediaries on a fully collateralized basis in order to earn additional income. The Fund may lose money from securities lending if, for example, it is delayed in or prevented from selling the collateral after the loan is made or recovering the securities loaned or if it incurs losses on the reinvestment of cash collateral.

The Fund currently does not participate in the securities lending program but the Board of Trustees (the Board) may determine to renew participation in the future. For more information on lending of portfolio securities and the risks involved, see the SAI and the annual and semiannual reports to shareholders.

### **Investing Defensively**

The Fund may from time to time take temporary defensive investment positions that may be inconsistent with the Fund's principal investment strategies in attempting to respond to adverse market, economic, political, social or other conditions, including, without limitation, investing some or all of its assets in money market instruments or shares of affiliated or unaffiliated money market funds or holding some or all of its assets in cash or cash equivalents. The Fund may take such defensive investment positions for as long a period as deemed necessary.

The Fund may not achieve its investment objective while it is investing defensively. Investing defensively may adversely affect Fund performance. During these times, the portfolio managers may make frequent portfolio holding changes, which could result in increased trading expenses and decreased Fund performance. See also *Investing in Money Market Funds* above for more information.

### **Other Strategic and Investment Measures**

The Fund may also from time to time take temporary portfolio positions that may or may not be consistent with the Fund's principal investment strategies in attempting to respond to adverse market, economic, political, social or other conditions, including, without limitation, investing in derivatives, such as forward contracts, futures contracts, options, structured investments and swaps, for various purposes, including among others, investing in particular derivatives in seeking to reduce investment exposures, or in seeking to achieve indirect investment exposures, to a sector, country, region or currency where the Investment Manager believes such positioning is appropriate. The Fund may take such portfolio positions for as long a period as deemed necessary. While the Fund is so positioned, derivatives could comprise a substantial portion of the Fund's investments and the Fund may not achieve its investment objective. Investing in this manner may adversely affect Fund performance. During these times, the portfolio managers may make frequent portfolio holding changes, which could result in increased trading expenses and decreased Fund performance. For information on the risks of investing in derivatives, see *Transactions in Derivatives* above.

### **Portfolio Holdings Disclosure**

The Board has adopted policies and procedures that govern the timing and circumstances of disclosure to shareholders and third parties of information regarding the securities owned by the Fund. A description of these policies and procedures is included in the SAI. Fund policy generally permits the disclosure of portfolio holdings information on the Fund's website ([columbiathreadneedleus.com](http://columbiathreadneedleus.com)) only after a certain amount of time has passed, as described in the SAI.

Purchases and sales of portfolio securities can take place at any time, so the portfolio holdings information available on the Fund's website may not always be current.

## MORE INFORMATION ABOUT THE FUND *(continued)*

### Cash Flows

The timing and magnitude of cash inflows from investors buying Fund shares could prevent the Fund from always being fully invested. Conversely, the timing and magnitude of cash outflows to shareholders redeeming Fund shares could require the Fund to sell portfolio securities at less than opportune times or to hold ready reserves of uninvested cash in amounts larger than might otherwise be the case to meet shareholder redemptions. Either situation could adversely impact the Fund's performance.

### Understanding Annual Fund Operating Expenses

The Fund's annual operating expenses, as presented in the *Annual Fund Operating Expenses* table in the *Fees and Expenses of the Fund* section of this prospectus, generally are based on expenses incurred during the Fund's most recently completed fiscal year, may vary by share class and are expressed as a percentage (expense ratio) of the Fund's average net assets during that fiscal year. The expense ratios reflect the Fund's fee arrangements as of the date of this prospectus and, unless indicated otherwise, are based on expenses incurred during the Fund's most recent fiscal year. The Fund's assets will fluctuate, but unless indicated otherwise in the *Annual Fund Operating Expenses* table, no adjustments have been or will be made to the expense ratios to reflect any differences in the Fund's average net assets between the most recently completed fiscal year and the date of this prospectus or a later date. In general, the Fund's expense ratios will increase as its net assets decrease, such that the Fund's actual expense ratios may be higher than the expense ratios presented in the *Annual Fund Operating Expenses* table if assets fall. As applicable, any commitment by the Investment Manager and/or its affiliates to waive fees and/or cap (reimburse) expenses is expected, in part, to limit the impact of any increase in the Fund's expense ratios that would otherwise result because of a decrease in the Fund's assets in the current fiscal year. The Fund's annual operating expenses are comprised of (i) investment management fees, (ii) distribution and/or service fees, and (iii) other expenses. Management fees do not vary by class, but distribution and/or service fees and other expenses may vary by class.

#### FUNDamentals

##### Other Expenses

"Other expenses" consist of the fees the Fund pays to its custodian, transfer agent, auditors, lawyers and trustees, costs relating to compliance and miscellaneous expenses. Generally, these expenses are allocated on a pro rata basis across all share classes. These fees include certain sub-transfer agency and shareholder servicing fees. For more information on these fees, see *About Fund Shares and Transactions — Financial Intermediary Compensation*.

### Fee Waiver/Expense Reimbursement Arrangements and Impact on Past Performance

The Investment Manager and certain of its affiliates have contractually agreed to waive fees and/or reimburse expenses (excluding certain fees and expenses described below) through April 30, 2022, unless sooner terminated at the sole discretion of the Fund's Board, so that the Fund's net operating expenses, after giving effect to fees waived/expenses reimbursed and any balance credits and/or overdraft charges from the Fund's custodian, do not exceed the annual rates of:

#### Columbia Variable Portfolio – Large Cap Index Fund

|         |        |
|---------|--------|
| Class 1 | 0.26%  |
| Class 2 | 0.51%  |
| Class 3 | 0.385% |

Under the agreement, the following fees and expenses are excluded from the Fund's operating expenses when calculating the waiver/reimbursement commitment, and therefore will be paid by the Fund, if applicable: taxes (including foreign transaction taxes), expenses associated with investment in affiliated and non-affiliated pooled investment vehicles (including mutual funds and exchange-traded funds), transaction costs and brokerage



## MORE INFORMATION ABOUT THE FUND *(continued)*

commissions, costs related to any securities lending program, dividend expenses associated with securities sold short, inverse floater program fees and expenses, transaction charges and interest on borrowed money, interest, infrequent and/or unusual expenses and any other expenses the exclusion of which is specifically approved by the Fund's Board. This agreement may be modified or amended only with approval from all parties.

**Effect of Fee Waivers and/or Expense Reimbursements on Past Performance.** The Fund's returns shown in the *Performance Information* section of this prospectus reflect the effect of any fee waivers and/or reimbursements of Fund expenses by the Investment Manager and/or any of its affiliates that were in place during the performance period shown. Without such fee waivers/expense reimbursements, the Fund's returns might have been lower.

### Primary Service Providers

The Fund enters into contractual arrangements (Service Provider Contracts) with various service providers, including, among others, the Investment Manager, the Distributor, Columbia Management Investment Services Corp. (the Transfer Agent) and the Fund's custodian. The Fund's Service Provider Contracts are solely among the parties thereto. Shareholders are not parties to, or intended to be third-party beneficiaries of, any Service Provider Contracts. Further, this prospectus, the SAI and any Service Provider Contracts are not intended to give rise to any agreement, duty, special relationship or other obligation between the Fund and any investor, or give rise to any contractual, tort or other rights in any individual shareholder, group of shareholders or other person, including any right to assert a fiduciary or other duty, enforce the Service Provider Contracts against the parties or to seek any remedy thereunder, either directly or on behalf of the Fund. Nothing in the previous sentence should be read to suggest any waiver of any rights under federal or state securities laws.

The Investment Manager, the Distributor, and the Transfer Agent are all affiliates of Ameriprise Financial, Inc. (Ameriprise Financial). They and their affiliates currently provide key services, including investment advisory, administration, distribution, shareholder servicing and transfer agency services, to the Fund and various other funds, including the Columbia Funds, and are paid for providing these services. These service relationships are described below.

### The Investment Manager

Columbia Management Investment Advisers, LLC is located at 225 Franklin Street, Boston, MA 02110 and serves as investment adviser and administrator to the Columbia Funds. The Investment Manager is a registered investment adviser and a wholly-owned subsidiary of Ameriprise Financial. The Investment Manager's management experience covers all major asset classes, including equity securities, debt instruments and money market instruments. In addition to serving as an investment adviser to traditional mutual funds, exchange-traded funds and closed-end funds, the Investment Manager acts as an investment adviser for itself, its affiliates, individuals, corporations, retirement plans, private investment companies and financial intermediaries.

Subject to oversight by the Board, the Investment Manager manages the day-to-day operations of the Fund, determining what securities and other investments the Fund should buy or sell and executing portfolio transactions. The Investment Manager may use the research and other capabilities of its affiliates and third parties in managing the Fund's investments. The Investment Manager is also responsible for overseeing the administrative operations of the Fund, including the general supervision of the Fund's operations, the coordination of the Fund's other service providers and the provision of related clerical and administrative services.

The SEC has issued an order that permits the Investment Manager, subject to the approval of the Board, to appoint unaffiliated subadvisers by entering into subadvisory agreements with them, and to change in material respects the terms of those subadvisory agreements, including the fees paid thereunder, for the Fund without first obtaining shareholder approval, thereby avoiding the expense and delays typically associated with obtaining shareholder approval. The Fund furnishes shareholders with information about new subadvisers retained in reliance on the order within 90 days after hiring the subadviser. The Investment Manager and its affiliates may have other relationships, including significant financial relationships, with current or potential subadvisers or their affiliates, which may create certain conflicts of interest. When making recommendations to the Board to appoint or to change a subadviser, or to change the terms of a subadvisory agreement, the Investment Manager discloses to the Board the nature of any such material relationships. The SEC has issued a separate order that permits the Board to approve new subadvisory

## MORE INFORMATION ABOUT THE FUND *(continued)*

agreements or material changes to existing subadvisory agreements at a meeting that is not in person, provided that the Trustees are able to participate in the meeting using a means of communication that allows them to hear each other simultaneously during the meeting and other conditions of the order are satisfied. At present, the Investment Manager has not engaged any investment subadviser for the Fund.

The Fund pays the Investment Manager a fee for its management services, which include investment advisory services and administrative services. The fee is calculated as a percentage of the daily net assets of the Fund and is paid monthly. For the Fund's most recent fiscal year, management services fees paid to the Investment Manager by the Fund amounted to 0.20% of average daily net assets of the Fund, before any applicable reimbursements.

A discussion regarding the basis for the Board's approval of the renewal of the Fund's management agreement is available in the Fund's semiannual report to shareholders for the fiscal period ended June 30, 2020.

## MORE INFORMATION ABOUT THE FUND *(continued)*

### Portfolio Managers

Information about the portfolio managers primarily responsible for overseeing the Fund’s investments is shown below. The SAI provides additional information about the portfolio managers, including information relating to compensation, other accounts managed by the portfolio managers, and ownership by the portfolio managers of Fund shares.

| <b>Portfolio Manager</b> | <b>Title</b>             | <b>Role with Fund</b>  | <b>Managed Fund Since</b> |
|--------------------------|--------------------------|------------------------|---------------------------|
| Christopher Lo, CFA      | Senior Portfolio Manager | Lead Portfolio Manager | 2014                      |
| Kaiyu Zhao               | Associate Analyst        | Portfolio Manager      | November 2020             |
| Christopher Rowe         | Portfolio Analyst        | Portfolio Manager      | November 2020             |

**Dr. Lo** joined one of the Columbia Management legacy firms or acquired business lines in 1998. Dr. Lo began his investment career in 1998 and earned a B.S. and M.E. from Rensselaer Polytechnic Institute, an M.B.A. from the Stern School of Business at New York University and a doctoral degree in professional studies (DPS) from Pace University, with a concentration in finance and international economics.

**Mr. Zhao** joined the Investment Manager in 2017. Mr. Zhao began his investment career in 2017 and earned an M.E. in Financial Engineering from Cornell University.

**Mr. Rowe** joined the Investment Manager in 2018. Prior to joining the Investment Manager, Mr. Rowe was a supervisor at Manulife Investment Management from 2015 to 2018 and an officer at the State Street Corporation from 2011 to 2015. Mr. Rowe began his investment career in 2011 and earned a B.S. in Finance from the University of Massachusetts, Dartmouth.

### The Distributor

Shares of the Fund are distributed by Columbia Management Investment Distributors, Inc., which is located at 225 Franklin Street, Boston, MA 02110. The Distributor is a registered broker-dealer and an indirect, wholly-owned subsidiary of Ameriprise Financial. The Distributor and its affiliates may pay commissions, distribution and service fees and/or other compensation to entities, including Ameriprise Financial affiliates, for selling shares and providing services to investors.

### The Transfer Agent

Columbia Management Investment Services Corp. is a registered transfer agent and a wholly-owned subsidiary of Ameriprise Financial. The Transfer Agent is located at 225 Franklin Street, Boston, MA 02110, and its responsibilities include processing purchases, redemptions and transfers of Fund shares, calculating and paying distributions, maintaining shareholder records, preparing account statements and providing customer service. The Transfer Agent has engaged DST Asset Manager Solutions, Inc. to provide various sub-transfer agency services. The Fund pays a service fee to participating insurance companies or other financial intermediaries that provide sub-recordkeeping and other services to Contract owners and the separate accounts. The Transfer Agent may retain as compensation for its services revenues for fees for wire, telephone and redemption orders, account transcripts due the Transfer Agent from Fund shareholders and interest (net of bank charges) earned with respect to balances in accounts the Transfer Agent maintains in connection with its services to the Fund.

### Other Roles and Relationships of Ameriprise Financial and its Affiliates — Certain Conflicts of Interest

The Investment Manager, Distributor and Transfer Agent, all affiliates of Ameriprise Financial, provide various services to the Fund and other Columbia Funds for which they are compensated. Ameriprise Financial and its other affiliates may also provide other services to these funds and be compensated for them.

The Investment Manager and its affiliates may provide investment advisory and other services to other clients and customers substantially similar to those provided to the Columbia Funds. These activities, and other financial services activities of Ameriprise Financial and its affiliates, may present actual and potential conflicts of interest and introduce certain investment constraints.

## MORE INFORMATION ABOUT THE FUND *(continued)*

Ameriprise Financial is a major financial services company, engaged in a broad range of financial activities beyond the fund-related activities of the Investment Manager, including, among others, insurance, broker-dealer (sales and trading), asset management, banking and other financial activities. These additional activities may involve multiple advisory, financial, insurance and other interests in securities and other instruments, and in companies that issue securities and other instruments, that may be bought, sold or held by the Columbia Funds.

Conflicts of interest and limitations that could affect a Columbia Fund may arise from, for example, the following:

- compensation and other benefits received by the Investment Manager and other Ameriprise Financial affiliates related to the management/administration of a Columbia Fund and the sale of its shares;
- the allocation of, and competition for, investment opportunities among the Fund, other funds and accounts advised/managed by the Investment Manager and other Ameriprise Financial affiliates, or Ameriprise Financial itself and its affiliates;
- separate and potentially divergent management of a Columbia Fund and other funds and accounts advised/managed by the Investment Manager and other Ameriprise Financial affiliates;
- regulatory and other investment restrictions on investment activities of the Investment Manager and other Ameriprise Financial affiliates and accounts advised/managed by them;
- insurance and other relationships of Ameriprise Financial affiliates with companies and other entities in which a Columbia Fund invests;
- regulatory and other restrictions relating to the sharing of information between Ameriprise Financial and its affiliates, including the Investment Manager, and a Columbia Fund; and
- insurance companies investing in the Fund may be affiliates of Ameriprise Financial; these affiliated insurance companies, individually and collectively, may hold through separate accounts a significant portion of the Fund's shares and may also invest in separate accounts managed by the Investment Manager that have the same or substantially similar investment objectives and strategies as the Fund.

The Investment Manager and Ameriprise Financial have adopted various policies and procedures that are intended to identify, monitor and address conflicts of interest. However, there is no assurance that these policies, procedures and disclosures will be effective.

Additional information about Ameriprise Financial and the types of conflicts of interest and other matters referenced above is set forth in the *Investment Management and Other Services — Other Roles and Relationships of Ameriprise Financial and its Affiliates — Certain Conflicts of Interest* section of the SAI. Investors in the Columbia Funds should carefully review these disclosures and consult with their financial advisor if they have any questions.

### **Certain Legal Matters**

Ameriprise Financial and certain of its affiliates have historically been involved in a number of legal, arbitration and regulatory proceedings, including routine litigation, class actions and governmental actions, concerning matters arising in connection with the conduct of their business activities. Ameriprise Financial believes that the Fund is not currently the subject of, and that neither Ameriprise Financial nor any of its affiliates are the subject of, any pending legal, arbitration or regulatory proceedings that are likely to have a material adverse effect on the Fund or the ability of Ameriprise Financial or its affiliates to perform under their contracts with the Fund. Information regarding certain pending and settled legal proceedings may be found in the Fund's shareholder reports and in the SAI. Additionally, Ameriprise Financial is required to make quarterly (10-Q), annual (10-K) and, as necessary, 8-K filings with the SEC on legal and regulatory matters that relate to Ameriprise Financial and its affiliates. Copies of these filings may be obtained by accessing the SEC website at [sec.gov](http://sec.gov).

# ABOUT FUND SHARES AND TRANSACTIONS

## Description of the Share Classes

### Share Class Features

The Fund offers the classes of shares set forth on the cover of this prospectus. Each share class has its own cost structure and other features. The following summarizes the primary features of the Class 1, Class 2 and Class 3 shares.

|   | Class 1 Shares  | Class 2 Shares | Class 3 Shares |
|---|---|----------------|----------------|
| Eligible Investors                        | Shares of the Fund are available only to separate accounts of participating insurance companies as underlying investments for variable annuity contracts and/or variable life insurance policies (collectively, Contracts) or qualified pension and retirement plans (Qualified Plans) or other eligible investors authorized by the Distributor. |                |                |
| Investment Limits                         | none  | none           | none           |
| Conversion Features                       | none  | none           | none           |
| Front-End Sales Charges                   | none  | none           | none           |
| Contingent Deferred Sales Charges (CDSCs) | none  | none           | none           |
| Maximum Distribution and/or Service Fees  | none  | 0.25%          | 0.125%         |

## FUNDamentals

### Financial Intermediaries

The term “financial intermediary” refers to the insurance company that issued your contract, qualified pension or retirement plan sponsors or the financial intermediary that employs your financial advisor. Financial intermediaries also include broker-dealers and financial advisors as well as firms that employ broker-dealers and financial advisors, including, for example, brokerage firms, banks, investment advisers, third party administrators and other firms in the financial services industry, including Ameriprise Financial and its affiliates.

### Distribution and/or Service Fees

Pursuant to Rule 12b-1 under the Investment Company Act of 1940, as amended (the 1940 Act), the Board has approved, and the Fund has adopted, a distribution plan which sets the distribution fees that are periodically deducted from the Fund’s assets for Class 2 and Class 3 shares. The distribution fee for Class 2 shares is 0.25% and the distribution fee for Class 3 shares is 0.125%. These fees are calculated daily, may vary by share class and are intended to compensate the Distributor and/or financial intermediaries for selling shares of the Fund and/or providing services to investors. Because the fees are paid out of the Fund’s assets on an ongoing basis, they will increase the cost of your investment over time.

The Fund will pay these fees to the Distributor and/or to eligible financial intermediaries for as long as the distribution plan continues. The Fund may reduce or discontinue payments at any time.

The Fund pays a service fee to participating insurance companies or other financial intermediaries that provide sub-recordkeeping and other services to Contract owners, Qualified Plan participants and the separate accounts.

### Financial Intermediary Compensation

The Distributor, the Investment Manager and their affiliates make payments, from their own resources, to financial intermediaries, primarily to affiliated and unaffiliated insurance companies, for marketing/sales support services relating to the Fund (Marketing Support Payments). Such payments are generally based upon one or more of the following factors: average net assets of the Columbia Funds sold by the Distributor attributable to that financial intermediary; gross sales of the Columbia Funds distributed by the Distributor attributable to that financial intermediary; or a negotiated lump sum payment. While the financial arrangements may vary for each financial intermediary, the Marketing Support Payments to any one financial intermediary are generally between 0.05% and

## ABOUT FUND SHARES AND TRANSACTIONS *(continued)*

0.40% on an annual basis for payments based on average net assets of the Fund attributable to the financial intermediary, and between 0.05% and 0.25% on an annual basis for a financial intermediary receiving a payment based on gross sales of the Columbia Funds attributable to the financial intermediary.

As employee compensation and business unit operating goals at all levels are generally tied to the success of Ameriprise Financial, employees of Ameriprise Financial and its affiliates, including employees of affiliated broker-dealers and insurance companies, are incented to include shares of the Columbia Funds in Contracts offered by affiliated insurance companies. Certain employees, directly or indirectly, receive higher compensation and other benefits as investment in the Columbia Funds increases. In addition, management, sales leaders and other employees may spend more of their time and resources promoting Ameriprise Financial and its subsidiary companies, including the Distributor and the Investment Manager, and the products they offer, including the Fund.

In addition, the Transfer Agent has certain arrangements in place to compensate financial intermediaries, primarily to affiliated and unaffiliated insurance companies, that hold Fund shares through networked and omnibus accounts, including omnibus retirement plans, for services that they provide to beneficial Fund shareholders (Shareholder Services). Shareholder Services and related fees vary by financial intermediary and may include sub-accounting, sub-transfer agency, participant recordkeeping, shareholder or participant reporting, shareholder or participant transaction processing, maintenance of shareholder records, preparation of account statements and provision of customer service, and are not intended to include services that are primarily intended to result in the sale of Fund shares. Payments for Shareholder Services generally are not expected, with certain limited exceptions, to exceed 0.40% of the average aggregate value of the Fund's shares. Each Fund pays the Transfer Agent a service fee equal to the payments made by the Transfer Agent to participating insurance companies and other financial intermediaries that provide Shareholder Services up to the lesser of the amount charged by the financial intermediary or a contractual asset-based cap. Payments of amounts that exceed the amount paid by the Fund are borne by the Transfer Agent, the Investment Manager and/or their affiliates.

In addition to the payments described above, the Distributor, the Investment Manager and their affiliates typically make other payments or allow promotional incentives to certain broker-dealers to the extent permitted by SEC and Financial Industry Regulatory Authority (FINRA) rules and by other applicable laws and regulations.

Amounts paid by the Distributor, the Investment Manager and their affiliates are paid out of their own resources and do not increase the amount paid by you or the Fund. You can find further details in the SAI about the payments made by the Distributor, the Investment Manager and their affiliates, as well as a list of the financial intermediaries, including Ameriprise Financial affiliates, to which the Distributor and the Investment Manager have agreed to make Marketing Support Payments and fee payments for Shareholder Services.

Your financial intermediary may charge you fees and commissions in addition to those described in this prospectus. You should consult with your financial intermediary and review carefully any disclosure your financial intermediary provides regarding its services and compensation. Depending on the financial arrangement in place at any particular time, a financial intermediary and its financial advisors may have a conflict of interest or financial incentive with respect to recommendations regarding the Fund or any Contract or Qualified Plan that includes the Fund.

### **Share Price Determination**

The price you pay or receive when you buy, sell or transfer shares is the Fund's next determined net asset value (or NAV) per share for a given share class. The Fund calculates the NAV per share for each class of shares of the Fund at the end of each business day, with the value of the Fund's shares based on the total value of all of the securities and other assets that it holds as of a specified time.

## ABOUT FUND SHARES AND TRANSACTIONS *(continued)*

### FUNDamentals

#### NAV Calculation

Each of the Fund's share classes calculates its NAV per share as follows:

$$\text{NAV per share} = \frac{\text{(Value of assets of the share class)} - \text{(Liabilities of the share class)}}{\text{Number of outstanding shares of the class}}$$

### FUNDamentals

#### Business Days

A business day is any day that the New York Stock Exchange (NYSE) is open. A business day typically ends at the close of regular trading on the NYSE, usually at 4:00 p.m. Eastern time. If the NYSE is scheduled to close early, the business day will be considered to end as of the time of the NYSE's scheduled close. The Fund will not treat an intraday unscheduled disruption in NYSE trading or an intraday unscheduled closing as a close of regular trading on the NYSE for these purposes and will price its shares as of the regularly scheduled closing time for that day (typically, 4:00 p.m. Eastern time). Notwithstanding the foregoing, the NAV of Fund shares may be determined at such other time or times (in addition to or in lieu of the time set forth above) as the Fund's Board may approve or ratify. On holidays and other days when the NYSE is closed, the Fund's NAV is not calculated and the Fund does not accept buy or sell orders. However, the value of the Fund's assets may still be affected on such days to the extent that the Fund holds foreign securities that trade on days that foreign securities markets are open.

Equity securities are valued primarily on the basis of market quotations reported on stock exchanges and other securities markets around the world. If an equity security is listed on a national exchange, the security is valued at the closing price or, if the closing price is not readily available, the mean of the closing bid and asked prices. Certain equity securities, debt securities and other assets are valued differently. For instance, bank loans trading in the secondary market are valued primarily on the basis of indicative bids, fixed income investments maturing in 60 days or less are valued primarily using the amortized cost method, unless this methodology results in a valuation that does not approximate the market value of these securities, and those maturing in excess of 60 days are valued primarily using a market-based price obtained from a pricing service, if available. Investments in other open-end funds are valued at their published NAVs. Both market quotations and indicative bids are obtained from outside pricing services approved and monitored pursuant to a policy approved by the Fund's Board.

If a market price is not readily available or is deemed not to reflect market value, the Fund will determine the price of a portfolio security based on a determination of the security's fair value pursuant to a policy approved by the Fund's Board. In addition, the Fund may use fair valuation to price securities that trade on a foreign exchange when a significant event has occurred after the foreign exchange closes but before the time at which the Fund's share price is calculated. Foreign exchanges typically close before the time at which Fund share prices are calculated, and may be closed altogether on days when the Fund is open. Such significant events affecting a foreign security may include, but are not limited to: (1) corporate actions, earnings announcements, litigation or other events impacting a single issuer; (2) governmental action that affects securities in one sector or country; (3) natural disasters or armed conflicts affecting a country or region; or (4) significant domestic or foreign market fluctuations. The Fund uses various criteria, including an evaluation of U.S. market moves after the close of foreign markets, in determining whether a foreign security's market price is readily available and reflective of market value and, if not, the fair value of the security. To the extent the Fund has significant holdings of small cap stocks, high-yield bonds, floating rate loans, or tax-exempt, foreign or other securities that may trade infrequently, fair valuation may be used more frequently than for other funds.

Fair valuation may have the effect of reducing stale pricing arbitrage opportunities presented by the pricing of Fund shares. However, when the Fund uses fair valuation to price securities, it may value those securities higher or lower than another fund would have priced the security. Also, the use of fair valuation may cause the Fund's performance to diverge to a greater degree from the performance of various benchmarks used to compare the Fund's

## ABOUT FUND SHARES AND TRANSACTIONS *(continued)*

performance because benchmarks generally do not use fair valuation techniques. Because of the judgment involved in fair valuation decisions, there can be no assurance that the value ascribed to a particular security is accurate. The Fund has retained one or more independent fair valuation pricing services to assist in the fair valuation process for foreign securities.

### Shareholder Information

Each share class has its own cost structure and other features. Your product may not offer every share class. The Fund encourages you to consult with a financial advisor who can help you with your investment decisions and for more information about the share classes offered by the Fund and available under your product. Shares of the Fund are generally available for purchase only by participating insurance companies in connection with Contracts and Qualified Plan sponsors.

The Fund, the Distributor or the Transfer Agent may refuse any order to buy or transfer shares. If this happens, the Fund will return any money it received, but no interest will be paid on that money.

Shares of the Fund may not be purchased or sold directly by individual Contract owners or participants in a Qualified Plan. When you sell your shares through your Contract or Qualified Plan, the Fund is effectively buying them back. This is called a redemption. The right of redemption may be suspended or payment postponed whenever permitted by applicable laws and regulations, as described under *Satisfying Fund Redemption Requests* below.

Depending on the context, references to “you” or “your” herein refer either to the holder of a Contract, participant in a Qualified Plan or qualified institutional investor who may select Fund shares to fund his or her investment in the Contract or Qualified Plan or to the participating insurance company as the holder of Fund shares through one or more separate accounts or the Qualified Plan.

### Satisfying Fund Redemption Requests

The Fund typically expects to send the redeeming participating insurance company or Qualified Plan sponsor payment for shares within two business days after your trade date. The Fund can suspend redemptions and/or delay payment of redemption proceeds for up to seven days. The Fund can also suspend redemptions and/or delay payment of redemption proceeds in excess of seven days under certain circumstances, including when the NYSE is closed or trading thereon is restricted or during emergency or other circumstances, including as determined by the SEC.

The Fund typically seeks to satisfy redemption requests from cash or cash equivalents held by the Fund, from the proceeds of orders to purchase Fund shares or from the proceeds of sales of Fund holdings effected in the normal course of managing the Fund. However, the Fund may have to sell Fund holdings, including in down markets, to meet heavier than usual redemption requests. For example, under stressed or abnormal market conditions or circumstances, including circumstances adversely affecting the liquidity of the Fund’s investments, the Fund may be more likely to be forced to sell Fund holdings to meet redemptions than under normal market circumstances. In these situations, the Fund’s portfolio managers may have to sell Fund holdings that would not otherwise be sold because, among other reasons, the current price to be received is less than the value of the holdings perceived by the Fund’s portfolio managers. The Fund may also, under certain circumstances (but more likely under stressed or abnormal market conditions or circumstances), borrow money under a credit facility to which the Fund and certain other Columbia Funds are parties or from other Columbia Funds under an interfund lending program (except for closed-end funds and money market funds, which are not eligible to borrow under the program). The Fund and the other Columbia Funds are limited as to the amount that each may individually and collectively borrow under the credit facility and the interfund lending program. As a result, borrowings available to the Fund under the credit facility and the interfund lending program might be insufficient, alone or in combination with the other strategies described herein, to satisfy Fund redemption requests. Please see *About Fund Investments – Borrowings – Interfund Lending* in the SAI for more information about the credit facility and interfund lending program. The Fund is also limited in the total amount it may borrow. The Fund may only borrow to the extent permitted by the 1940 Act, the rules and regulations thereunder, and any exemptive relief available to the Fund, which currently limit Fund borrowings to 33 1/3% of total assets (including any amounts borrowed) less liabilities (other than borrowings), plus an additional 5% of its total assets for temporary purposes (to be repaid within 60 days without extension or renewal), in each case determined at the time the borrowing is made.



## ABOUT FUND SHARES AND TRANSACTIONS *(continued)*

In addition, the Fund reserves the right to honor redemption orders in whole or in part with in-kind distributions of Fund portfolio securities instead of cash if the Investment Manager, in its sole discretion, determines it to be in the best interest of the remaining shareholders. Such in-kind distributions typically represent a pro-rata portion of Fund portfolio assets subject to adjustments (e.g., for non-transferable securities, round lots and derivatives). In the event the Fund distributes portfolio securities in kind, shareholders may incur brokerage and other transaction costs associated with converting the portfolio securities into cash. Also, the portfolio securities may increase or decrease in value after they are distributed but before they are converted into cash. For U.S. federal income tax purposes, redemptions paid in securities are generally treated the same as redemptions paid in cash. If, during any 90-day period, you redeem shares in an amount greater than \$250,000 or 1% of the Fund's net assets (whichever is less), and if the Investment Manager determines it to be feasible and appropriate, the Fund may pay the redemption amount above such threshold by an in-kind distribution of Fund portfolio securities. Although shares of the Fund may not be purchased or sold by individual owners of Contracts or Qualified Plans, this policy applies indirectly to Contract and Qualified Plan owners.

### **Potential Conflicts of Interest – Mixed and Shared Funding**

The Fund is available for purchase only through Contracts offered by participating insurance companies, Qualified Plans and other qualified institutional investors authorized by the Distributor. Due to differences in tax treatment and other considerations, the interests of various Contract owners, and the interests of Qualified Plan participants, if any, may conflict. The Fund does not foresee any disadvantages to investors arising from these potential conflicts of interest at this time. Nevertheless, the Board of the Fund intends to monitor events to identify any material irreconcilable conflicts which may arise, and to determine what action, if any, should be taken in response to any conflicts. If such a conflict were to arise, one or more separate accounts might be required to withdraw its investments in the Fund or shares of another mutual fund may be substituted. This might force the Fund to sell securities at disadvantageous prices.

### **Order Processing**

Orders to buy and sell shares of the Fund that are placed by your participating insurance company or Qualified Plan sponsor are processed on business days. Orders received in "good form" by the Transfer Agent or a financial intermediary, including your participating insurance company or Qualified Plan sponsor, before the end of a business day are priced at the NAV per share of the Fund's applicable share class on that day. Orders received after the end of a business day will receive the next business day's NAV per share. An order is in "good form" if the Transfer Agent or your financial intermediary has all of the information and documentation it deems necessary to effect your order. The market value of the Fund's investments may change between the time you submit your order and the time the Fund next calculates its NAV per share. The business day that applies to your order is also called the trade date.

There is no sales charge associated with the purchase of Fund shares, but there may be charges associated with your Contract or Qualified Plan. Any charges that apply to your Contract or Qualified Plan, and any charges that apply to separate accounts of participating insurance companies or Qualified Plans that may own shares directly, are described in your separate Contract prospectus or Qualified Plan disclosure documents.

You may transfer all or part of your investment in the Fund to one or more of the other investment options available under your Contract or Qualified Plan. You may provide instructions to sell any amount allocated to the Fund. Proceeds will be mailed within seven days after your surrender or withdrawal request is received in good form by an authorized agent. The amount you receive may be more or less than the amount you invested.

Please refer to your Contract prospectus or Qualified Plan disclosure documents, as applicable, for more information about transfers as well as surrenders and withdrawals.

### **Information Sharing Agreements**

As required by Rule 22c-2 under the 1940 Act, the Funds or certain of their service providers will enter into information sharing agreements with financial intermediaries, including participating life insurance companies and financial intermediaries that sponsor or offer retirement plans through which shares of the Funds are made available for purchase. Pursuant to Rule 22c-2, financial intermediaries are required, upon request, to: (i) provide shareholder

## ABOUT FUND SHARES AND TRANSACTIONS (continued)

account and transaction information; and (ii) execute instructions from the Fund to restrict or prohibit further purchases of Fund shares by shareholders who have been identified by the Fund as having engaged in transactions that violate the Fund’s excessive trading policies and procedures.

### **Excessive Trading Practices Policy of Non-Money Market Funds**

*Right to Reject or Restrict Share Transaction Orders*— The Fund is intended for investors with long-term investment purposes and is not intended as a vehicle for frequent trading activity (market timing) that is excessive. Investors should transact in Fund shares primarily for investment purposes. The Board has adopted excessive trading policies and procedures that are designed to deter excessive trading by investors (the Excessive Trading Policies and Procedures). **The Fund discourages and does not accommodate excessive trading.**

The Fund reserves the right to reject, without any prior notice, any purchase or transfer order for any reason, and will not be liable for any loss resulting from rejected orders. For example, the Fund may in its sole discretion restrict or reject a purchase or transfer order even if the transaction is not subject to the specific limitation described below if the Fund or its agents determine that accepting the order could interfere with efficient management of the Fund’s portfolio or is otherwise contrary to the Fund’s best interests. The Excessive Trading Policies and Procedures apply equally to purchase or transfer transactions communicated directly to the Transfer Agent and to those received by financial intermediaries.

*Specific Buying and Transferring Limitations* — If a Fund detects that an investor has made two “material round trips” in any 28-day period, it will generally reject the investor’s future purchase orders, including transfer buy orders, involving any Fund.

For these purposes, a “round trip” is a purchase or transfer into the Fund followed by a sale or transfer out of the Fund, or a sale or transfer out of the Fund followed by a purchase or transfer into the Fund. A “material” round trip is one that is deemed by the Fund to be material in terms of its amount or its potential detrimental impact on the Fund. Independent of this limit, the Fund may, in its sole discretion, reject future purchase orders by any person, group or account that appears to have engaged in any type of excessive trading activity.

These limits generally do not apply to automated transactions or transactions by registered investment companies in a “fund-of-funds” structure. These limits do not apply to payroll deduction contributions by retirement plan participants, transactions initiated by a retirement plan sponsor or certain other retirement plan transactions consisting of rollover transactions, loan repayments and disbursements, and required minimum distribution redemptions. They may be modified or rescinded for accounts held by certain retirement plans to conform to plan limits, for considerations relating to the Employee Retirement Income Security Act of 1974 or regulations of the Department of Labor, and for certain asset allocation or wrap programs. Accounts known to be under common ownership or control generally will be counted together, but accounts maintained or managed by a common intermediary generally will not be considered to be under common ownership or control. The Fund retains the right to modify these restrictions at any time without prior notice to shareholders. In addition, the Fund may, in its sole discretion, reinstate trading privileges that have been revoked under the Fund’s Excessive Trading Policies and Procedures.

*Limitations on the Ability to Detect and Prevent Excessive Trading Practices* — The Fund takes various steps designed to detect and prevent excessive trading, including daily review of available shareholder transaction information. However, the Fund receives buy, sell or transfer orders through financial intermediaries, and cannot always know of or reasonably detect excessive trading that may be facilitated by financial intermediaries or by the use of the omnibus account arrangements they offer. Omnibus account arrangements are common forms of holding shares of mutual funds, particularly among certain financial intermediaries such as broker-dealers, retirement plans and variable insurance products. These arrangements often permit financial intermediaries to aggregate their clients’ transactions and accounts, and in these circumstances, the identities of the financial intermediary clients that beneficially own Fund shares are often not known to the Fund.

## ABOUT FUND SHARES AND TRANSACTIONS (continued)

Some financial intermediaries apply their own restrictions or policies to their clients' transactions and accounts, which may be more or less restrictive than those described here. This may impact the Fund's ability to curtail excessive trading, even where it is identified. For these and other reasons, it is possible that excessive trading may occur despite the Fund's efforts to detect and prevent it.

Although these restrictions and policies involve judgments that are inherently subjective and may involve some selectivity in their application, the Fund seeks to act in a manner that it believes is consistent with the best interests of Fund shareholders in making any such judgments.

*Risks of Excessive Trading* — Excessive trading creates certain risks to the Fund's long-term shareholders and may create the following adverse effects:

- negative impact on the Fund's performance;
- potential dilution of the value of the Fund's shares;
- interference with the efficient management of the Fund's portfolio, such as the need to maintain undesirably large cash positions, the need to use its line of credit or the need to buy or sell securities it otherwise would not have bought or sold;
- losses on the sale of investments resulting from the need to sell securities at less favorable prices; and
- increased brokerage and administrative costs.

To the extent that the Fund invests significantly in foreign securities traded on markets that close before the Fund's valuation time, it may be particularly susceptible to dilution as a result of excessive trading. Because events may occur after the close of foreign markets and before the Fund's valuation time that influence the value of foreign securities, investors may seek to trade Fund shares in an effort to benefit from their understanding of the value of foreign securities as of the Fund's valuation time. This is often referred to as price arbitrage. The Fund has adopted procedures designed to adjust closing market prices of foreign securities under certain circumstances to reflect what the Fund believes to be the fair value of those securities as of its valuation time. To the extent the adjustments do not work fully, investors engaging in price arbitrage may cause dilution in the value of the Fund's shares held by other shareholders.

Similarly, to the extent that the Fund invests significantly in thinly traded securities and other debt instruments that are rated below investment grade (commonly called "high-yield" or "junk" bonds), equity securities of small-capitalization companies, floating rate loans, or tax-exempt or other securities that may trade infrequently, because these securities are often traded infrequently, investors may seek to trade Fund shares in an effort to benefit from their understanding of the value of these securities as of the Fund's valuation time. This is also a type of price arbitrage. Any such frequent trading strategies may interfere with efficient management of the Fund's portfolio to a greater degree than would be the case for mutual funds that invest only, or significantly, in highly liquid securities, in part because the Fund may have difficulty selling these particular investments at advantageous times or prices to satisfy large and/or frequent sell orders. Any successful price arbitrage may also cause dilution in the value of Fund shares held by non-redeeming shareholders.

### **Excessive Trading Practices Policy of Columbia Variable Portfolio - Government Money Market Fund**

A money market fund is designed to offer investors a liquid cash option that they may buy and sell as often as they wish. Accordingly, the Board has not adopted policies and procedures designed to discourage excessive or short-term trading of Columbia Variable Portfolio - Government Money Market Fund shares. However, since frequent purchases and sales of Columbia Variable Portfolio - Government Money Market Fund shares could in certain instances harm shareholders in various ways, including reducing the returns to long-term shareholders by increasing costs (such as spreads paid to dealers who trade money market instruments with Columbia Variable Portfolio - Government Money Market Fund) and disrupting portfolio management strategies, Columbia Variable Portfolio - Government Money Market Fund reserves the right, but has no obligation, to reject any purchase or transfer transaction at any time. Columbia Variable Portfolio - Government Money Market Fund has no limits on purchase or transfer transactions. In addition, Columbia Variable Portfolio - Government Money Market Fund reserves the right to impose or modify restrictions on purchases, transfers or trading of Fund shares at any time.

## DISTRIBUTIONS AND TAXES

### Distributions to Shareholders

A mutual fund can make money two ways:

- It can earn income on its investments. Examples of fund income are interest paid on money market instruments and bonds, and dividends paid on common stocks.
- A mutual fund can also have capital gains if the value of its investments increases.

In the case of the Fund, because the Fund expects to be treated as a partnership for tax purposes, it is not required to and does not expect to make regular distributions to its shareholders (other than in redemption of Fund shares), but may do so in the sole discretion of the Fund's Board of Trustees (or its delegates).

### Taxes and Your Investment

**Taxation of the Fund:** The Fund expects to be treated as a partnership that is not a “publicly traded partnership” for U.S. federal income tax purposes. If the Fund were not to qualify for such treatment, the Fund could be subject to U.S. federal income tax at the Fund level, which would reduce the value of an investment in the Fund.

As a partnership that is not a “publicly traded partnership,” the Fund is generally not itself subject to U.S. federal income tax. Instead, each shareholder will be required to take into account for U.S. federal income tax purposes its allocable share of the Fund's income, gains, losses, deductions, credits, and other tax items, without regard to whether such shareholder has received or will receive corresponding distributions from the Fund. In addition, unlike mutual funds that intend to be treated as regulated investment companies for U.S. federal income tax purposes, the Fund is not required to meet any specific qualifying income, diversification or distribution requirements, although to the extent regulated investment companies invest in the Fund such requirements will be taken into account by the Fund.

Certain Fund income may be subject to tax in other countries, including withholding or other taxes on dividends, interest or capital gains. Tax conventions between certain countries and the United States may reduce or eliminate such taxes. In certain countries the Fund may incur a higher rate of tax on dividends than it would have incurred if the Fund had been treated as a regulated investment company.

**Taxation of Fund Shares:** Shares of the Fund are only offered to separate accounts of participating insurance companies, Qualified Plans, and certain other eligible persons or plans permitted to hold shares of the Fund pursuant to the applicable Treasury Regulations without impairing the ability of participating insurance companies to satisfy the diversification requirements of Section 817(h) of the Internal Revenue Code of 1986, as amended. Each participating insurance company, including each participating insurance company that is an affiliate of the Investment Manager, includes in its taxable income any net investment income derived from the investment of assets held in its separate accounts because the insurance company is considered the owner of these assets under federal income tax law. The insurance company may claim certain tax benefits associated with this investment income, which benefits may be greater with respect to the Fund than if the Fund were treated as a regulated investment company for U.S. federal income tax purposes. These benefits, which may include foreign tax credits (which can reduce the insurance company's U.S. taxes on foreign source income) and the corporate dividends-received deduction (which is a tax deduction for the insurance company attributable to certain dividends received by the Fund), are not passed on to Contract owners since the affiliated insurance company is the owner of the assets under federal tax law and is taxed on the investment income generated by the assets.

**Taxation of Variable Annuity Contracts and Variable Life Insurance Policies:** Your Contract may qualify for favorable tax treatment. Please refer to your Contract prospectus for more information about the tax implications of your investment in the Contract. As long as your Contract continues to qualify for such favorable tax treatment, you will not be taxed currently on your investment in the Fund through such Contract, even if the Fund makes allocations or distributions to the separate account and/or you change your investment options under the Contract. In order to qualify for such treatment, among other things, the separate accounts of participating insurance companies, which maintain and invest net proceeds from Contracts, must be “adequately diversified.” The Fund intends to operate in such a manner so that a separate account investing only in Fund shares on behalf of a holder of a Contract will be “adequately diversified.” If the Fund does not meet such requirements because its investments are not adequately

## DISTRIBUTIONS AND TAXES *(continued)*

diversified, your Contract could lose its favorable tax treatment and income and gain allocable to your Contract could be taxable currently to you. This could also occur if Contract holders are found to have an impermissible level of control over the investments underlying their Contracts, or if the Fund does not qualify for treatment as a partnership that is not a “publicly traded partnership.” You should consult with the participating insurance company that issued your Contract, plan sponsor, or other eligible investor through which your investment in the Fund is made regarding the U.S. federal income taxation of your investment.

### **FUNDamentals**

#### **Taxes**

The information provided above is only a summary of how U.S. federal income taxes may affect your indirect investment in the Fund. It is not intended as a substitute for careful tax planning. Your investment in the Fund may have other tax implications. It does not apply to certain types of investors who may be subject to special rules, including foreign or tax-exempt investors or those holding Fund shares through a tax-advantaged account other than a Contract, such as a 401(k) plan or IRA. Please see the SAI for more detailed tax information. You should consult with your own tax advisor about the particular tax consequences to you of an investment in the Fund, including the effect of any foreign, state and local taxes, and the effect of possible changes in applicable tax laws.

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## FINANCIAL HIGHLIGHTS

The financial highlights table is intended to help you understand the Fund's financial performance for the past five fiscal years or, if shorter, the Fund's period of operations. Certain information reflects financial results for a single Fund share. Per share net investment income (loss) amounts are calculated based on average shares outstanding during the period. The total return in the table represents the rate that an investor would have earned (or lost) on an investment in the Fund assuming all dividends and distributions had been reinvested. Total return does not reflect any fees and expenses imposed under your Contract and/or Qualified Plan, as applicable; such fees and expenses would reduce the total return for all periods shown. Total return and portfolio turnover are not annualized for periods of less than one year. The portfolio turnover rate is calculated without regard to purchase and sales transactions of short-term instruments and certain derivatives, if any. If such transactions were included, the Fund's portfolio turnover rate may be higher. This information has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, whose report, along with the Fund's financial statements, is included in the Fund's annual report, which is available upon request.

## FINANCIAL HIGHLIGHTS *(continued)*

|                       | Net asset value,<br>beginning of<br>period | Net<br>investment<br>income | Net<br>realized<br>and<br>unrealized<br>gain (loss) | Total from<br>investment<br>operations |
|-----------------------|--|-----------------------------|---|--|
| <b>Class 1</b>        |  |                             |   |  |
| Year Ended 12/31/2020 | \$25.90                                    | 0.45                        | 4.22  | 4.67                                   |
| Year Ended 12/31/2019 | \$19.75                                    | 0.44                        | 5.71  | 6.15                                   |
| Year Ended 12/31/2018 | \$20.72                                    | 0.42                        | (1.39)  | (0.97)                                 |
| Year Ended 12/31/2017 | \$17.06                                    | 0.33                        | 3.33  | 3.66                                   |
| Year Ended 12/31/2016 | \$15.29                                    | 0.34                        | 1.43  | 1.77                                   |
| <b>Class 2</b>        |  |                             |   |  |
| Year Ended 12/31/2020 | \$25.36                                    | 0.37                        | 4.13  | 4.50                                   |
| Year Ended 12/31/2019 | \$19.39                                    | 0.37                        | 5.60  | 5.97                                   |
| Year Ended 12/31/2018 | \$20.40                                    | 0.34                        | (1.35)  | (1.01)                                 |
| Year Ended 12/31/2017 | \$16.83                                    | 0.28                        | 3.29  | 3.57                                   |
| Year Ended 12/31/2016 | \$15.12                                    | 0.26                        | 1.45  | 1.71                                   |
| <b>Class 3</b>        |  |                             |   |  |
| Year Ended 12/31/2020 | \$25.65                                    | 0.41                        | 4.17  | 4.58                                   |
| Year Ended 12/31/2019 | \$19.58                                    | 0.40                        | 5.67  | 6.07                                   |
| Year Ended 12/31/2018 | \$20.57                                    | 0.37                        | (1.36)  | (0.99)                                 |
| Year Ended 12/31/2017 | \$16.96                                    | 0.30                        | 3.31  | 3.61                                   |
| Year Ended 12/31/2016 | \$15.21                                    | 0.28                        | 1.47  | 1.75                                   |

### Notes to Financial Highlights

- (a) In addition to the fees and expenses that the Fund bears directly, the Fund indirectly bears a pro rata share of the fees and expenses of any other funds in which it invests. Such indirect expenses are not included in the Fund's reported expense ratios.
- (b) Total net expenses include the impact of certain fee waivers/expense reimbursements made by the Investment Manager and certain of its affiliates, if applicable.
- (c) Ratios include interfund lending expense which is less than 0.01%.



# FINANCIAL HIGHLIGHTS (continued)

|                       | Net<br>asset<br>value,<br>end of<br>period | Total<br>return | Total gross<br>expense<br>ratio to<br>average<br>net assets <sup>(a)</sup> | Total net<br>expense<br>ratio to<br>average<br>net assets <sup>(a), (b)</sup> | Net investment<br>income<br>ratio to<br>average<br>net assets | Portfolio<br>turnover | Net<br>assets,<br>end of<br>period<br>(000's) |
|-----------------------|--|-----------------|--|---|---|-----------------------|---|
| <b>Class 1</b>        |  |                 |  |   |   |                       |   |
| Year Ended 12/31/2020 | \$30.57                                    | 18.03%          | 0.26% <sup>(c)</sup>   | 0.26% <sup>(c)</sup>  | 1.72%   | 9%                    | \$742,971                                     |
| Year Ended 12/31/2019 | \$25.90                                    | 31.14%          | 0.26%  | 0.26%   | 1.91%   | 2%                    | \$599,584                                     |
| Year Ended 12/31/2018 | \$19.75                                    | (4.68%)         | 0.28%  | 0.28%   | 1.94%   | 3%                    | \$332,816                                     |
| Year Ended 12/31/2017 | \$20.72                                    | 21.45%          | 0.29%  | 0.29%   | 1.75%   | 2%                    | \$203,887                                     |
| Year Ended 12/31/2016 | \$17.06                                    | 11.58%          | 0.32%  | 0.31%   | 2.14%   | 5%                    | \$31,465                                      |
| <b>Class 2</b>        |  |                 |  |   |   |                       |   |
| Year Ended 12/31/2020 | \$29.86                                    | 17.74%          | 0.51% <sup>(c)</sup>   | 0.51% <sup>(c)</sup>  | 1.48%   | 9%                    | \$11,359                                      |
| Year Ended 12/31/2019 | \$25.36                                    | 30.79%          | 0.51%  | 0.51%   | 1.63%   | 2%                    | \$11,354                                      |
| Year Ended 12/31/2018 | \$19.39                                    | (4.95%)         | 0.53%  | 0.53%   | 1.61%   | 3%                    | \$10,146                                      |
| Year Ended 12/31/2017 | \$20.40                                    | 21.21%          | 0.55%  | 0.55%   | 1.50%   | 2%                    | \$11,777                                      |
| Year Ended 12/31/2016 | \$16.83                                    | 11.31%          | 0.56%  | 0.56%   | 1.65%   | 5%                    | \$11,332                                      |
| <b>Class 3</b>        |  |                 |  |   |   |                       |   |
| Year Ended 12/31/2020 | \$30.23                                    | 17.85%          | 0.38% <sup>(c)</sup>   | 0.38% <sup>(c)</sup>  | 1.59%   | 9%                    | \$689,960                                     |
| Year Ended 12/31/2019 | \$25.65                                    | 31.00%          | 0.39%  | 0.39%   | 1.76%   | 2%                    | \$599,751                                     |
| Year Ended 12/31/2018 | \$19.58                                    | (4.81%)         | 0.40%  | 0.40%   | 1.75%   | 3%                    | \$442,813                                     |
| Year Ended 12/31/2017 | \$20.57                                    | 21.28%          | 0.42%  | 0.42%   | 1.62%   | 2%                    | \$452,967                                     |
| Year Ended 12/31/2016 | \$16.96                                    | 11.51%          | 0.43%  | 0.43%   | 1.78%   | 5%                    | \$347,922                                     |

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## **Columbia Variable Portfolio – Large Cap Index Fund**

### **Columbia Variable Portfolio Funds**

70100 Ameriprise Financial Center  
Minneapolis, MN 55474



### **FOR MORE INFORMATION**

The Fund is generally available only to owners of Contracts issued by participating insurance companies and participants in Qualified Plans. Please refer to your Contract prospectus or Qualified Plan disclosure documents for information about how to buy, sell and transfer shares of the Fund.

### **ADDITIONAL INFORMATION ABOUT THE FUND**

Additional information about the Fund's investments is available in the Fund's annual and semiannual reports to shareholders. In the annual report, you will find a discussion of the market conditions and investment strategies that significantly affected the Fund's performance during its last fiscal year. The SAI also provides additional information about the Fund and its policies. The SAI, which has been filed with the SEC, is legally part of this prospectus (incorporated by reference). To obtain these documents free of charge, to request other information about the Fund and to make shareholder inquiries, please contact the Fund as follows:

**By Mail:** Columbia Management Investment Services Corp.

P.O. Box 219104

Kansas City, MO 64121-9104

**By Telephone:** 800.345.6611

The Fund's offering documents and shareholder reports are not available on the Columbia Funds' website because they are generally available only through participating insurance companies or retirement plans.

The website references in this prospectus are inactive links and information contained in or otherwise accessible through the referenced websites does not form a part of this prospectus.

Reports and other information about the Fund are also available in the EDGAR Database on the SEC's website at <http://www.sec.gov>. You can receive copies of this information, for a duplication fee, by electronic request at the following e-mail address: [publicinfo@sec.gov](mailto:publicinfo@sec.gov).

**The investment company registration number of Columbia Funds Variable Series Trust II, of which the Fund is a series, is 811-22127.**

Columbia Threadneedle Investments is the global brand name of the Columbia and Threadneedle group of companies.

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