

Summary Prospectus

MAY 1, 2017

ProFund VP Large-Cap Value

This Summary Prospectus is designed to provide investors with key fund information in a clear and concise format. Before you invest, you may want to review the Fund's Full Prospectus, which contains more information about the Fund and its risks. The Fund's Full Prospectus, dated May 1, 2017, and Statement of Additional Information, dated May 1, 2017, and as each hereafter may be supplemented, are incorporated by reference into this Summary Prospectus. All of this information may be obtained at no cost either: online at ProFunds.com/variable_products.html; by calling 888-PRO-3637 (888-776-3637) (financial professionals should call 888-PRO-5717 (888-776-5717)); or by sending an e-mail request to info@ProFunds.com. The Securities and Exchange Commission has not approved or disapproved these securities or passed upon the adequacy of this Summary Prospectus. Any representation to the contrary is a criminal offense.

Investment Objective

ProFund VP Large-Cap Value (the "Fund") seeks investment results, before fees and expenses, that correspond to the performance of the S&P 500® Value Index (the "Index").

Fees and Expenses of the Fund

The table below describes the fees and expenses that you may pay if you buy or hold shares of the Fund. The expenses shown do not reflect charges or fees associated with insurance company separate accounts or insurance contracts, which would have the effect of increasing overall expenses. Annuity and policy holders should consult the prospectus for their contract or policy for more information about such charges and fees.

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)

| • | O . | , | |
|-----------|--|--------------|--------|
| Investm | ent Advisory Fees | | 0.75% |
| Distribut | ion and Service (12k | o-1) Fees | 0.25% |
| Other Ex | kpenses | | 0.69% |
| | nnual Fund Operati Fee Waivers and Ex | | |
| Reimbu | rsements | | 1.69% |
| Fee Wai | vers/Reimbursemer | nts* | -0.01% |
| Total A | anual Fund Operati | ing Evnonoso | |

Total Annual Fund Operating Expenses After Fee Waivers and Expense Reimbursements*

1.68%

* ProFund Advisors LLC ("ProFund Advisors" or the "Advisor") has contractually agreed to waive Investment Advisory and Management Services Fees and to reimburse Other Expenses to the extent Total Annual Fund Operating Expenses Before Fee Waivers and Expense Reimbursements, as a percentage of average daily net assets, exceed 1.68% through April 30, 2018. After such date, the expense limitation may be terminated or revised by ProFund Advisors. Amounts waived or reimbursed in a particular contractual period may be recouped by ProFund Advisors within three years of the end of the contractual period; however, such recoupment will be limited to the lesser of any expense limitation in place at the time of recoupment or the expense limitation in place at the time of reimbursement.

Example: This 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 assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of each period. The example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same, except that the fee waiver/expense reimbursement is assumed only to pertain to the first year. It does not reflect separate account or insurance contract fees or charges. If these charges were reflected, expenses would be higher. Although your actual cost may be higher or lower, based on these assumptions your approximate costs would be:

| | 1 Year | 3 Years | 5 Years | 10 Years |
|-----------------|--------|---------|---------|----------|
| ProFund VP | | | | |
| Large-Cap Value | \$171 | \$532 | \$917 | \$1,997 |

The Fund pays transaction costs associated with the purchase and sale of securities. These costs are not reflected in the table or the example above.

Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher

portfolio turnover may indicate higher transaction costs. These costs, which are not reflected in Annual Fund Operating Expenses or in the example above, affect the Fund's performance. During the most recent fiscal year, the Fund's annual portfolio turnover rate was 138% of the average value of its entire portfolio.

Principal Investment Strategies

The Fund invests in equity securities that ProFund Advisors believes, in combination, should have similar return characteristics as the return of the Index. The Index is designed to provide a comprehensive measure of large-cap U.S. equity "value" performance. It is an unmanaged, float-adjusted, market capitalization-weighted index comprised of stocks representing approximately half the market capitalization of the S&P 500 that have been identified as being on the value end of the growth-value spectrum. As of January 31, 2017, the Index included companies with capitalizations between \$3.8 billion and \$404.6 billion. The average capitalization of the companies comprising the Index was approximately \$38.4 billion. The Index is published under the Bloomberg ticker symbol "SVX."

The securities that the Fund will principally invest in are set forth below.

> Equity Securities — The Fund invests in common stock issued by public companies.

ProFund Advisors uses a mathematical approach to investing. Using this approach, ProFund Advisors determines the type, quantity and mix of investment positions that the Fund should hold to approximate the performance of the Index. The Fund may invest in or gain exposure to only a representative sample of the securities in the Index or to securities not contained in the Index, with the intent of obtaining exposure with aggregate characteristics similar to those of the Index. ProFund Advisors does not invest the assets of the Fund in securities based on ProFund Advisors' view of the investment merit of a particular security, instrument, or company, nor does it conduct conventional investment research or analysis or forecast market movement or trends, in managing the assets of the Fund. The Fund seeks to remain fully invested at all times in securities that, in combination, provide exposure to the Index without regard to market conditions, trends or direction.

The Fund will concentrate its investments in a particular group of industries to approximately the same extent as the Index is so concentrated. As of the close of business on January 31, 2017, the Index was concentrated in the financials industry group.

Please see "Investment Objectives, Principal Investment Strategies and Related Risks" in the back of the Fund's Full Prospectus for additional details.

Principal Risks

You could lose money by investing in the Fund.

Active Investor Risk — The Fund permits short-term trading of its shares. A significant portion of assets invested in the Fund come from professional money managers and investors who use the Fund as part of active trading or tactical asset allocation strategies. These strategies often call for frequent trading to take advantage of anticipated changes in market conditions, which could increase portfolio turnover and may result in additional costs for the Fund. In addition, large movements of assets into and out of the Fund may have a negative impact on the Fund's ability to achieve its investment objective or maintain a consistent level of

operating expenses. In certain circumstances, the Fund's expense ratio may vary from current estimates or the historical ratio disclosed in this Prospectus.

Correlation Risk — 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 fees, expenses, transaction costs, income items, valuation methodology, accounting standards and disruptions or illiquidity in the markets for the securities in which the Fund invests. The Fund may not have investment exposure to all securities in the Index, or its weighting of investment exposure to securities may be different from that of the Index. In addition, the Fund may invest in securities not included in the Index. The Fund may take or refrain from taking positions in order to improve tax efficiency, or comply with regulatory restrictions, either of 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 underexposed to the Index and may be impacted by Index reconstitutions and Index rebalancing events. 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.

Early Close/Late Close/Trading Halt Risk — An exchange or market may close early, close late or issue trading halts on specific securities, or the ability to buy or sell certain securities may be restricted, which may result in the Fund being unable to buy or sell certain securities. In these circumstances, the Fund may be unable to rebalance its portfolio, may be unable to accurately price its investments and/or may incur substantial trading losses.

Equity and Market Risk — The equity markets are volatile, and the value of securities and other instruments correlated with the equity markets may fluctuate dramatically from day-to-day. Equity markets are subject to corporate, political, regulatory, market and economic developments, as well as developments that impact specific economic sectors, industries or segments of the market. Further, stocks in the Index may underperform other equity investments. Volatility in the markets and/or market developments may cause the value of an investment in the Fund to decrease.

Financials Industry Risk — The Fund is subject to risks faced by companies in the financials industry to the same extent as the Index is so concentrated, including: extensive governmental regulation and/or nationalization that affects the scope of their activities, the prices they can charge and the amount of capital they must maintain; adverse effects from increases in interest rates; effects on profitability by loan losses, which usually increase in economic downturns; the severe competition to which banks, insurance, and financial services companies may be subject; and increased inter-industry consolidation and competition in the financials industry. The impact of more stringent capital requirements, recent or future regulation on any individual financial company or recent or future regulation on the financials industry as a whole cannot be predicted.

Index Performance Risk — There is no guarantee or assurance that the methodology used to create the Index will result in the Fund achieving high, or even positive, returns. The Index may

underperform, and the Fund could lose value, while other indices or measures of market performance increase in value.

Large-Cap Company Investment Risk — The Index and, by extension, the Fund are exposed to stocks of large-cap companies. Although returns on investments in large-cap companies are often perceived as being less volatile than the returns of companies with smaller market capitalizations, the return on large-cap securities could trail the returns on investments in smaller and midsized companies for a number of reasons. For example, large-cap companies may be unable to respond quickly to new competitive challenges, such as changes in technology, and also may not be able to attain the high growth rate of successful smaller companies.

Liquidity Risk — In certain circumstances, such as the disruption of the orderly markets for the securities in which the Fund invests, the Fund might not be able to acquire or dispose of certain holdings quickly or at prices that represent true market value in the judgment of ProFund Advisors. Markets for the securities in which the Fund invests may be disrupted by a number of events, including but not limited to economic crises, natural disasters, new legislation, or regulatory changes inside or outside of the U.S. For example, regulation limiting the ability of certain financial institutions to invest in certain securities would likely reduce the liquidity of those securities. These situations may prevent the Fund from limiting losses, realizing gains or achieving a high correlation with the Index.

Portfolio Turnover Risk — The Fund's strategy may involve high portfolio turnover to manage the Fund's investment exposure. Additionally, active trading of the Fund's shares may cause more frequent purchase and sales activities that could, in certain circumstances, increase the number of portfolio transactions. High levels of transactions increase brokerage and other transaction costs.

Tax Risk — In order to qualify for the special tax treatment accorded a regulated investment company ("RIC") and its shareholders, the Fund must derive at least 90% of its gross income for each taxable year from "qualifying income," meet certain asset diversification tests at the end of each taxable quarter, and meet annual distribution requirements. The Fund's pursuit of its investment strategies will potentially be limited by the Fund's intention to qualify for such treatment and could adversely affect the Fund's ability to so qualify. The Fund can make certain investments, the treatment of which for these purposes is unclear. If, in any year, the Fund were to fail to qualify for the special tax treatment accorded a RIC and its shareholders, and were ineligible to or were not to cure such failure, the Fund would be taxed in the same manner as an ordinary corporation subject to U.S. federal income tax on all its income at the fund level. The resulting taxes could substantially reduce the Fund's net assets and the amount of income available for distribution. In addition, in order to requalify for taxation as a RIC, the Fund could be required to recognize unrealized gains, pay substantial taxes and interest, and make certain distributions. Please see the Statement of Additional Information for more information.

Valuation Risk — In certain circumstances, portfolio securities may be valued using techniques other than market quotations. The value established for a portfolio security may be different from what would be produced through the use of another methodology or if it had been priced using market quotations. Portfolio securities that are valued using techniques other than market quotations, including "fair valued" securities, may be subject to greater fluctuation in their value from one day to the next than would be the case if market quotations were used. In addition, there is no assurance that the Fund could sell a portfolio security for the value established for it at any time, and it is possible that the Fund would incur a loss because a portfolio security is sold at a discount to its established value.

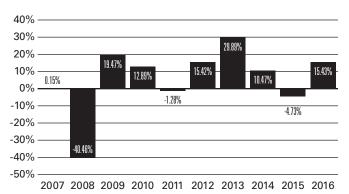
Value Investing Risk — Value investing carries the risk that the market will not recognize a security's intrinsic value for a long time, or that a stock deemed to be undervalued by the relevant index methodology may actually be appropriately priced or overvalued.

Please see "Investment Objectives, Principal Investment Strategies and Related Risks" in the back of the Fund's Full Prospectus for additional details.

Investment Results

The bar chart below shows how the Fund's investment results have varied from year to year, and the table shows how the Fund's average annual total returns for various periods compare with a broad measure of market performance. This information provides some indication of the risks of investing in the Fund. It does not reflect charges and fees associated with a separate account that invests in the Fund or any insurance contract for which it is an investment option. Charges and fees will reduce returns. Past results are not predictive of future results.

Annual Returns as of December 31 each year



Best Quarter (ended 09/30/2009): **17.54%**; Worst Quarter (ended 12/31/2008): **-24.28%**.

Average Annual Total Returns

as of December 31, 2016

| | One Year | Five Years | Ten Years | Inception Date |
|----------------------------|-------------|---------------|--------------|-------------------|
| ProFund VP Large-Cap Value | 15.43% | 12.74% | 3.76% | 05/03/04 |
| S&P 500® Value Index# | 17 40% | 14 69% | 5 50% | |

Reflects no deduction for fees, expenses or taxes. Adjusted to reflect the reinvestment of dividends paid by companies in the Index.

Management

The Fund is advised by ProFund Advisors. Michael Neches, Senior Portfolio Manager, and Rachel Ames, Portfolio Manager, have jointly and primarily managed the Fund since October 2013.

Purchase and Sale of Fund Shares

Shares are available for purchase by insurance company separate accounts to serve as an investment medium for variable insurance contracts, and by qualified pension and retirement plans, certain insurance companies, and ProFund Advisors. Investors do not contact the Fund directly to purchase or redeem shares. Please refer to the prospectus of the relevant separate account for information on the allocation of premiums and on transfers of accumulated value among sub-accounts of the separate accounts that invest in the Fund.

Tax Information

The Fund normally distributes its net investment income and net realized capital gains, if any, to its shareholders. If you are a holder of a contract or policy that invests in the Fund through an insurance company separate account, then these distributions will generally not be taxable to you; please consult the prospectus or other information provided to you by the insurance company regarding the tax consequences of your contract or policy. If you are a holder of such a contract or policy, or if you are investing through a pension or retirement plan that is a tax-advantaged arrangement, you may be taxed later upon distributions with respect to or from those contracts or arrangements. The Fund intends to distribute income, if any, and capital gains, if any, at least annually.

Payments to Insurance Companies and Other Financial Intermediaries

The Fund or its distributor (and related companies) may pay insurance companies, which in turn may pay broker-dealers or other financial intermediaries (such as banks and insurance companies, or their related companies) for the sale and retention of variable contracts and/or policies which offer Fund shares. These payments may create a conflict of interest for a financial intermediary selling such variable contracts and/or policies, or be a factor in the insurance company's decision to include the Fund as an investment option in its variable contract or policy. For more information, ask your financial advisor, visit your financial intermediary's website or consult the prospectus for the contract or policy.









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