

# Fact Sheet: MBS Mantra, LLC - MBS Absolute Return Strategy (Fixed Income)

Feb 2018

## Alpha Through Analysis®

### Aggregated Separate Accounts

Benchmark 1 (BM1): Barclays US Aggregate Bond Total Return Index (Barc Agg/Barc/Agg)

Benchmark 2 (BM2): Barclays US Securitized Total Return Index Unhedged MBS/ABS/CMBS (Barc MBS)

Benchmark 3 (BM3): Barclays US Corp High Yield Total Return Index (Barc HY)

Benchmark 4 (BM4): S&P 500 Total Return

MBS Mantra (MBSM) seeks to achieve superior returns with maximal Alpha and minimal Beta by investing in undervalued MBS sectors and bonds. MBS Mantra uses its analytical methodology, strategies, and a deep understanding of MBS structures and markets, macro economics, money flows, and benchmarks, developed over 25+ years (see [www.mbsmantrallc.com/analysis/](http://www.mbsmantrallc.com/analysis/)), to identify mispricings in sectors and securities, and to construct portfolios.

MBS Mantra uses its proprietary analytics to process securities in the marketplace to identify bonds that can generate excess returns (Alpha). The majority of excess returns in MBS derive from current cashflow returns and not from price change. MBS Mantra's focus on cashflowing MBS also reduces duration and correlations in its portfolios. Portfolios and strategies are customized in response to the investment needs of clients.

For the flagship unlevered Absolute Return Strategy described here, the portfolio is concentrated in the highest conviction strategies in Non-Agency RMBS and MBS derivatives, with diversification through both the number of bonds owned, and number of strategies invested in.

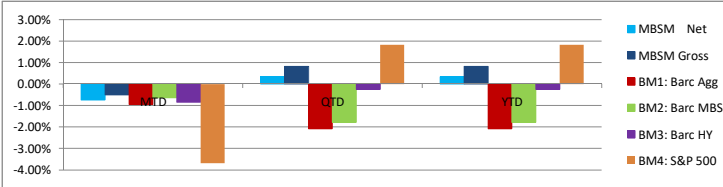
#### Performance - MBS Mantra - MBS Absolute Return Strategy

##### Net Monthly Total Returns (Fees simulated)

Aggregated MBS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Barc	YTD MBSM
2018	1.09%	-0.75%											-2.09%	0.34%
2017	1.66%	0.45%	-0.24%	0.67%	2.44%	0.41%	0.42%	2.22%	-1.19%	0.84%	-0.37%	-0.79%	3.54%	6.65%
2016	-0.48%	-0.66%	-0.49%	1.23%	0.92%	1.44%	1.76%	1.02%	1.36%	1.17%	-0.12%	0.34%	2.65%	7.71%
2015	4.24%	0.34%	0.55%	0.04%	2.33%	1.47%	0.76%	0.81%	-0.16%	-0.24%	1.10%	-0.34%	0.55%	11.36%
2014	-2.66%	0.41%	0.66%	2.35%	0.62%	3.18%	-0.85%	1.46%	0.80%	-1.05%	1.17%	-1.03%	5.97%	5.03%
2013									2.34%	3.65%	3.98%	0.99%	0.81%	11.38%

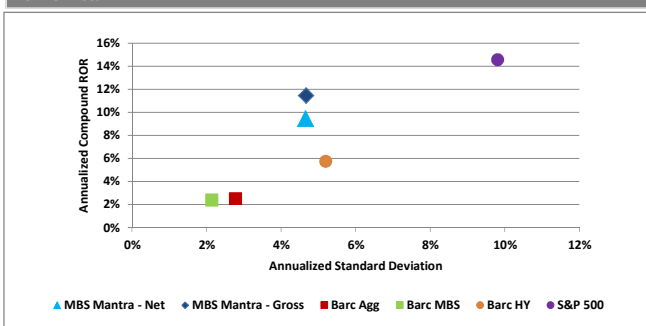
##### Returns - Comparisons to Benchmarks

	MBSM Net	MBSM Gross	BM1: Barc Agg	BM2: Barc MBS	BM3: Barc HY	BM4: S&P 500
MTD	-0.75%	-0.51%	-0.95%	-0.65%	-0.85%	-3.69%
QTD	0.34%	0.83%	-2.09%	-1.79%	-0.26%	1.83%
YTD	0.34%	0.83%	-2.09%	-1.79%	-0.26%	1.83%
1 Year	4.78%	6.82%	0.51%	0.21%	4.18%	17.09%
ITD	50.15%	62.81%	11.77%	11.19%	28.60%	84.40%

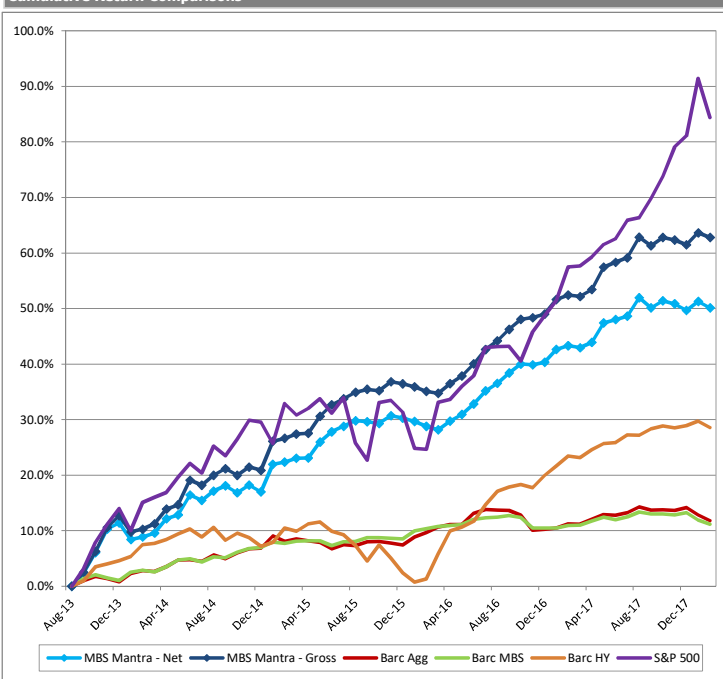


#### Risk/Statistics

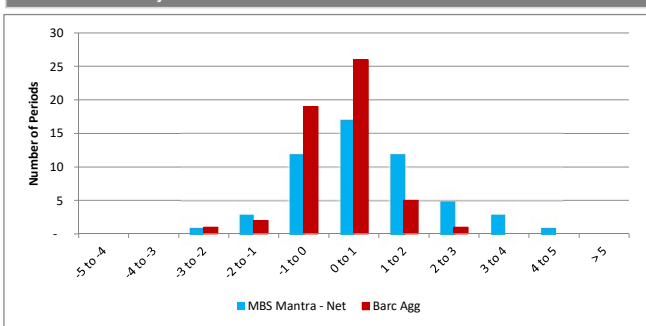
##### Risk vs. Return



##### Cumulative Return Comparisons



##### Distribution of Monthly Net Returns



##### Net Returns - performance statistics vs benchmarks (since inception)

	BM1: Barc Agg	BM2: Barc MBS	BM3: Barc HY	BM4: S&P 500
Alpha (Monthly)	0.7%	0.7%	0.7%	0.7%
Annualized Alpha	8.9%	9.2%	8.6%	8.6%
Beta	0.24	0.16	0.15	0.07
R-Squared	0.02	0.01	0.03	0.02

##### Statistical Analysis

	MBSM Net	MBSM Gross	BM1: Barc Agg	BM2: Barc MBS	BM3: Barc HY	BM4: S&P 500	Port 50/50 MBS+S&P
Ann Ret	9.5%	11.4%	2.5%	2.4%	5.7%	14.6%	14.6%
Cum Ret	50.1%	62.8%	11.8%	11.2%	28.6%	84.4%	84.4%
Std Dev	4.7%	4.7%	2.8%	2.1%	5.2%	9.8%	5.7%
Sharpe	1.6	2.0	0.3	0.3	0.8	1.3	1.7
Best Mth	4.2%	4.3%	2.1%	1.5%	4.4%	8.4%	4.1%
Worst Mth	-2.7%	-2.6%	-2.4%	-1.7%	-2.6%	-6.0%	-3.1%
Positive %	70%	74%	59%	65%	69%	74%	74%

\*Please refer to the important notes and disclosures on the next page.

Statistical Analysis calculated using eVestment's (formerly Pertrac) methodology.

MBS Mantra SMA Returns methodology has been verified by S&Z Fund Services, LLC. ([www.szfundservices.com](http://www.szfundservices.com))

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<b>Inception Date</b>	9/1/2013	<b>Lockup</b>	1 Year	<b>Prime Broker</b>	National Alliance/Hilltop Securities
<b>Management Fee</b>	1% (institutional)	<b>Redemption</b>	Quarterly	<b>Administrator</b>	S&Z Fund Services LLC
<b>Incentive Fee</b>	20%	<b>Redemption Notice</b>	90 days	<b>Legal</b>	The Campbell Firm, PLLC
<b>Minimum Account</b>	1,000,000	<b>Reporting Style</b>	Quarterly	<b>Domicile</b>	US
<b>Subscription</b>		<b>Fund Structure</b>	Separate Accounts		
<b>High Water Mark</b>		<b>Strategy</b>	Investments in Structured Products (primarily MBS)		
<b>Hurdle Rate</b>		<b>Currency</b>	USD		

**Standard Deviation** - Measures the degree of variation of returns around the mean (average) return. Standard Deviation is often used as a measure of Investment risk.

**Sharpe Ratio** - Measures the excess return (or risk premium) per unit of deviation in an investment asset or a trading strategy (using 0.75% risk free rate)

**Alpha** - The Alpha statistic is the difference between a Manager's return and the Benchmark's return, adjusted by the Manager's exposure to the Benchmark's risk. Alpha is typically used to measure the Managers investment skill relative to the Benchmark. A positive alpha indicates that the Manager has produced risk adjusted returns that exceed the benchmark's return. Annualized Alpha is the measure of the annualized value added.

**Beta** - A way to measure the "risk" or price volatility of a particular stock or fund as it compares to the market as a whole. A beta of 1.0 indicates that a security's risk measurement is on par with the market. A beta of 1.20 indicates that a security is 20% more volatile than the market, while a beta of 0.80 indicates that a security is 20% less volatile than the market.

**R** - Correlation (R) measures the extent of linear association of two variables.

**R-Squared** - A measure of how much of a fund's past returns can be explained by the returns from the market in general, as measured by a given index. If a fund's total returns were precisely synchronized with an index's returns, its R-squared would be 1. If a fund's returns bore no relationship to the index's returns, its R-square would be 0.

#### Past performance is not indicative of future results.

The performance returns and statistical data are estimates computed by the manager, based on unaudited figures. The figures above are indicative performance figures for the MBS Portfolio as a whole, and are not specific to your account. Actual performance for your account will be provided to you in your quarterly account statement. Actual performance will vary for investments made in different fee classes, or at different times of the year. The Portfolio returns methodology has been verified by S&Z Fund Services LLC.

**Please Note: As indicated above, past performance may not be indicative of future results.** Therefore, no current or prospective investor should assume that future performance will be profitable, or equal either the past performance results reflected or any corresponding historical index.

#### Benchmarks

**The Bloomberg Barclays US Aggregate Bond Total Return Index (Barclays Agg)** - A broad-based flagship benchmark that measures the Total Return of the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency).

**The Bloomberg Barclays US Securitized Total Return Index (Barclays MBS)** -represents the Total Return of the Securitized section of the Barclays US Aggregate. This includes MBS, ABS, CMBS and Covered bonds, and is unhedged.

**The Bloomberg Barclays US Corporate High Yield Total Return Index (Barclays HY)** -represents the Total Return of the The Bloomberg Barclays US Corporate High Yield Bond Index. This measures the USD-denominated, high yield, fixed-rate corporate bond market. Securities are classified as high yield if the middle rating of Moody's, Fitch and S&P is Ba1/BB+/BB+ or below. Bonds from issuers with an emerging markets country of risk, based on Barclays EM country definition, are excluded.

**The S&P 500 Index Total Return** - The 500 stocks in this index are selected by Standard and Poor's selection committee and are based on industry representation, liquidity, and company stability and assumes that any cash distributions, such as dividends, are reinvested back into the index. The stocks in the S&P 500 are not the 500 largest companies in the united states, but is an index designed to capture the returns of many different sectors of the U.S. economy. The index consists of approximately 400 industrial firms, 40 utility companies, and 20 transportation companies. This index is market capitalization weighted.

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