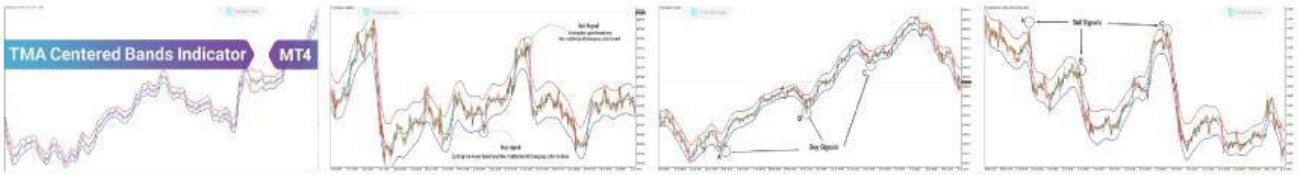
TMA Centered Bands Indicator for MetaTrader 4 Download - Free





The**TMA Centered Bands** Indicator is a **MetaTrader 4 indicator** that uses the **power of the Moving Average** to detect the overall **trend direction** shown by the **bands** on the chart.

This indicator consists of three bands: the**upper** band is **red**, the **middle** band is **red-blue**, and the **lower** band is **blue**. In **uptrends**, the **middle** band turns **blue**, and in **downtrends**, it turns **red**.

Whenever the price moves outside the upper or lower bands, it may return inside them, providing an entry signal for a trade. Exiting the upper band generates a **sell** signal while exiting the lower band generates a **buy** signal.

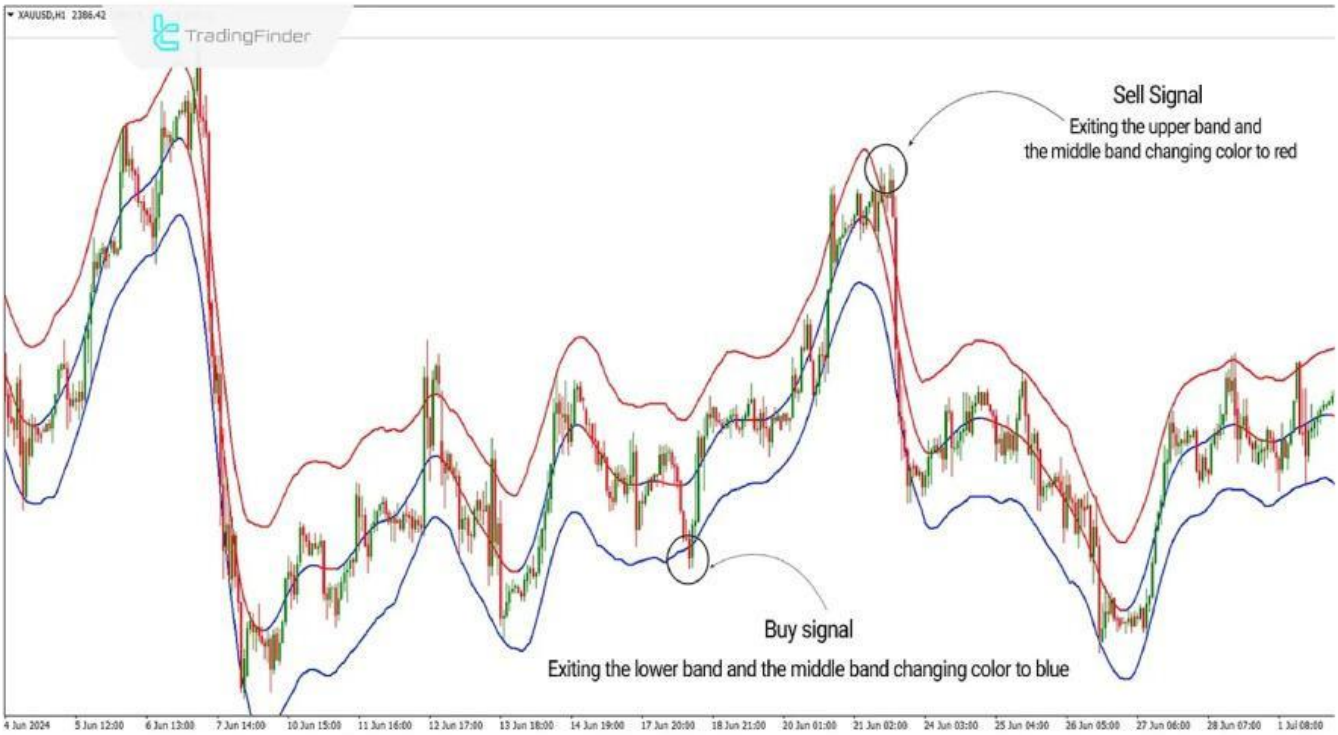
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Indicator Table

Indicator Category	Signal and Forecast - Bands & Channels
Platforms	MetaTrader 4
Trading Skills	Beginner
Indicator Types	Reversal - Breakout
Timeframe	Multi Timeframe
Trading Style	Scalper - Day trader - Intraday -Swing Trader
Trading Instruments	All Markets

The image below shows the price chart of Gold against the US dollar [XAUUSD] in the 1-hour timeframe. Around the $2300 price range, the price breaks below the lower band of the indicator and then re-enters the band, causing the middle band of the indicator to turn blue.

A trend reversal occurs in this scenario, and a**bullish** trend and buy signal **(Buy Position)** are generated. Additionally, around the $2370 price range, the price exits the upper band of the indicator, and the middle band turns red. A **bearish trend** and sell signal **(Sell Position)** are generated in this scenario.



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Overview

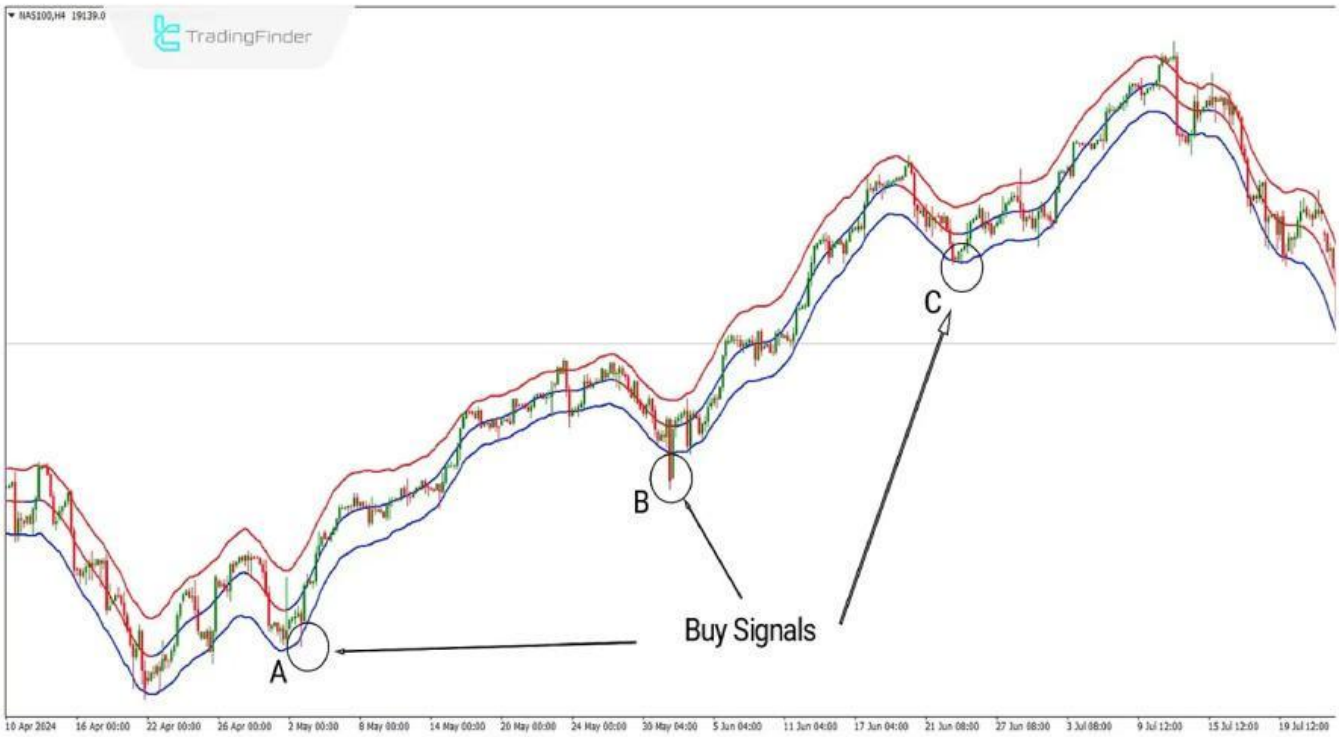
Given the importance of identifying trend direction and trading in line with it, the **TMA Indicator** is one of those indicators that, by utilizing **Moving Averages**, can provide a general view of the future **trend direction** and generate **entry signals** for trades aligned with the trend.

The TMA Indicator optimizes entry signals by averaging prices and calculating market volatility using the**ATR** (**Average True Range)** indicator.

Uptrend Signals (Buy Positions)

The image below displays the **NASDAQ** index chart with the symbol **(NAS100)** in the 4-hour timeframe. At points **A**, **B**, and **C**, the price exits the lower band and then re-enters the band, causing the middle band of the indicator to turn blue.

In this scenario, the indicator generates a**Buy Signal** and indicates an **Uptrend**. You can enter buy trades alongside other **confirmations**, such as the **RSI**.



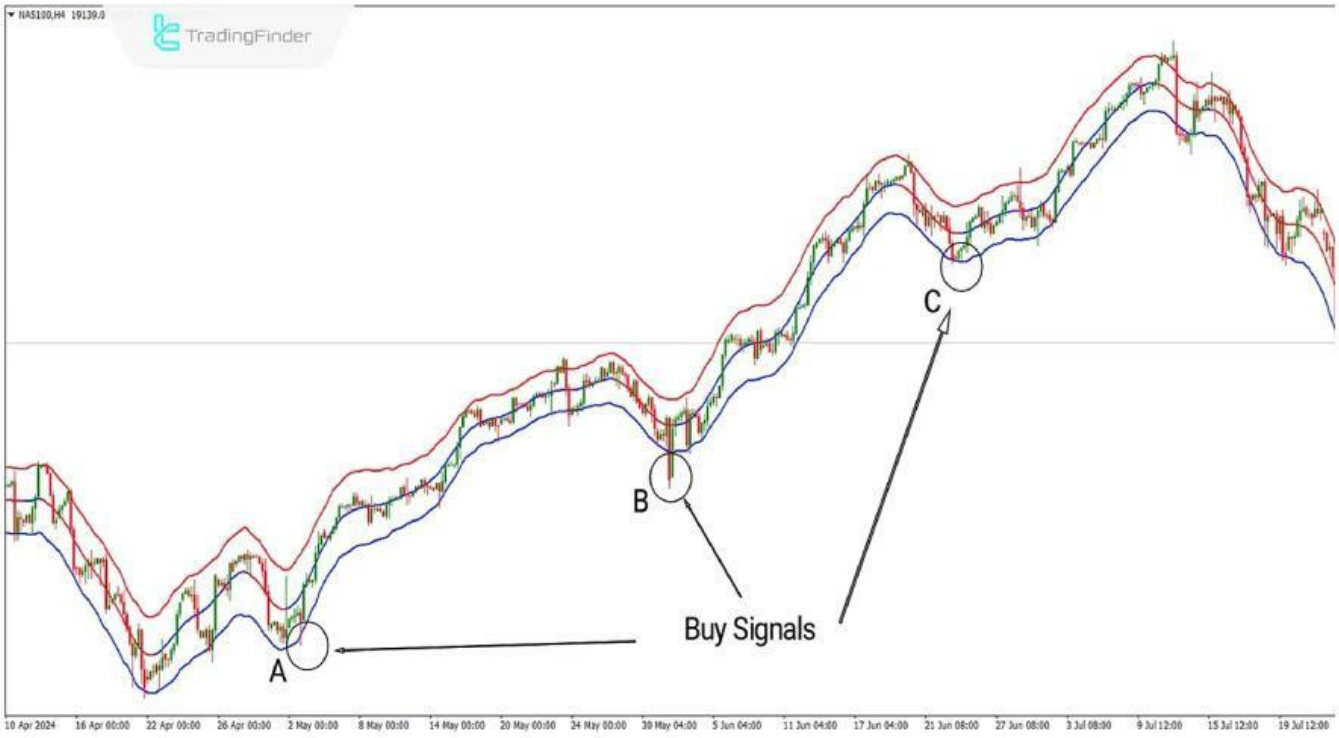
Buy Signals from TMA Indicator

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Downtrend Signals (Sell Positions)

In the image below, the price chart for **silver** against the **US dollar (XAGUSD)** is displayed in a 30-minute timeframe. At points **A**, **B**, and **C**, the price exits the upper band of the indicator and then re-enters the band, causing the middle band to turn red.

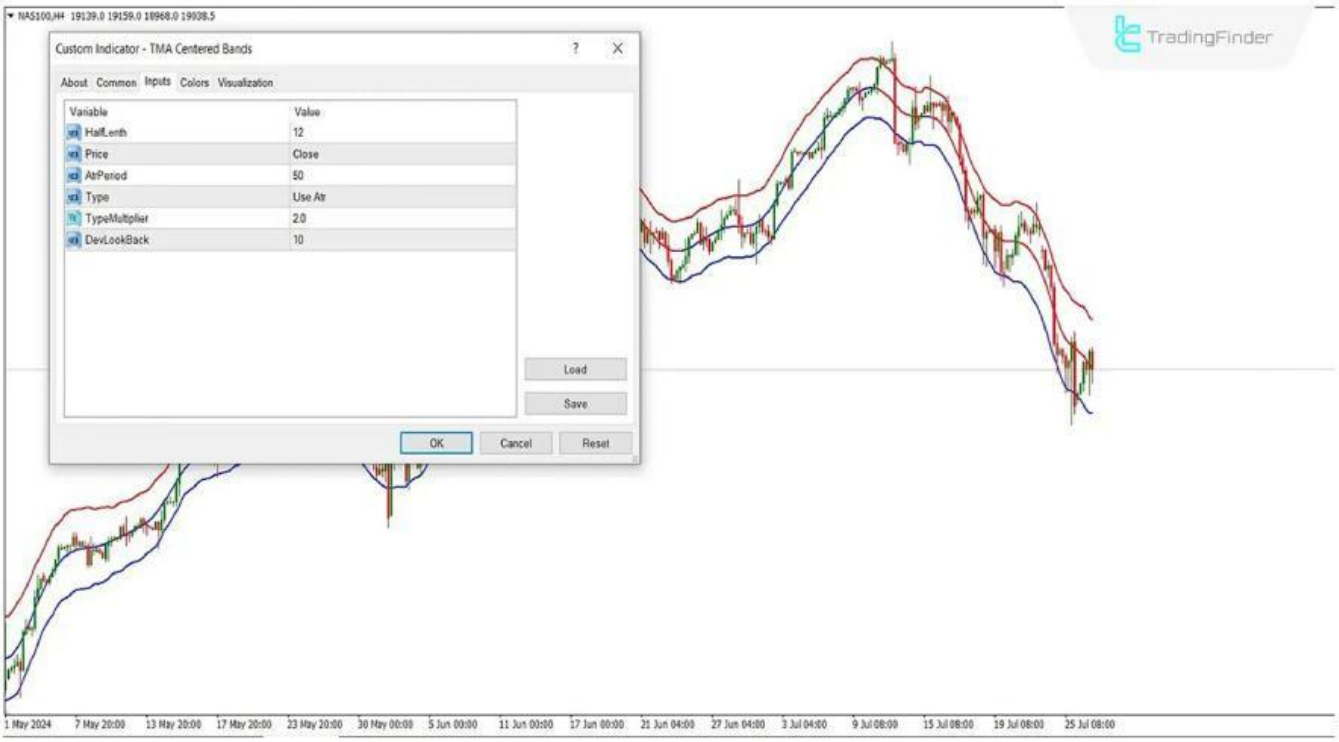
In this scenario, a**Sell Signal** and **Downtrend** are issued. You can consider entering sell trades alongside other **confirmations**, such as the **Stochastic indicator**.



Buy Signals from TMA Indicator

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Settings of the TMA Indicator



Sell Signals from TMA Indicator

- **HalfLength**: The indicator considers **12** candles for averaging. This setting determines how sensitive it is to recent price changes.
- **Price**: This setting uses the closing price **('Close')**, which indicates that the indicator should use the closing price of each candle to calculate the moving average.

- **AtrPeriod**: The period for the Average True Range (ATR) indicator is set to **50**. This extended period can help smooth out the ATR calculation, making it less sensitive to minor price fluctuations and providing a better indication of market volatility over a broader time frame.
- **Type**: The **ATR** indicator is utilized for calculating the moving average, which implies that the volatility measured by the ATR is used to adjust how the moving average is calculated and plotted.
- **TypeMultiplier**: The bandwidth multiplier is set to **2**. This multiplier affects the distance between the center and outer bands, determining how wide the bands are relative to the average true range. A higher multiplier makes the bands wider, potentially capturing more price action between them.
- **DevLookBack**: The default value is **10**, which might be used to determine how many candles back the deviation calculation for the bands should consider. This helps refine how responsive the bands are to changes in price volatility.

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Conclusion

The **TMA-centered band's** indicator is versatile and works across any **timeframe**, allowing it to be used in all **trading strategies**. Additionally, this **MT4 Band and channel indicator** provides a comprehensive overview of the trend direction.

You can also enhance its effectiveness by combining the TMA with confirming indicators such as the**RSI** or **moving averages** to validate the trend direction further. This integration helps refine your trading decisions by providing a more robust analysis of market movements.

Sources:

1: https://tradingfinder.com/products/indicators/mt4/tma-centered-bands-free-download/
2: https://www.youtube.com/watch?v=H145OKguaNY
3:https://tradingfinder.com/products/indicators/mt5/tma-centered-bands-free-download/
4:https://tradingfinder.com/products/indicators/

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