

# **VT TRADER**

**Help Manual (Ver 1.4)**

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## 9.1 VT-Bollinger Bands of Ultimate Oscillator System

The **VT-Bollinger Bands of Ultimate Oscillator System** is designed to use the following indicators and conditions:

- Ultimate Oscillator indicator
- Bollinger Bands based on the Ultimate Oscillator
- Moving Average of the Ultimate Oscillator

This trading system is an always-in-the-market trading system.

**Long Entry:** Moving Average of Ultimate Oscillator crossing above the Middle Bollinger Band

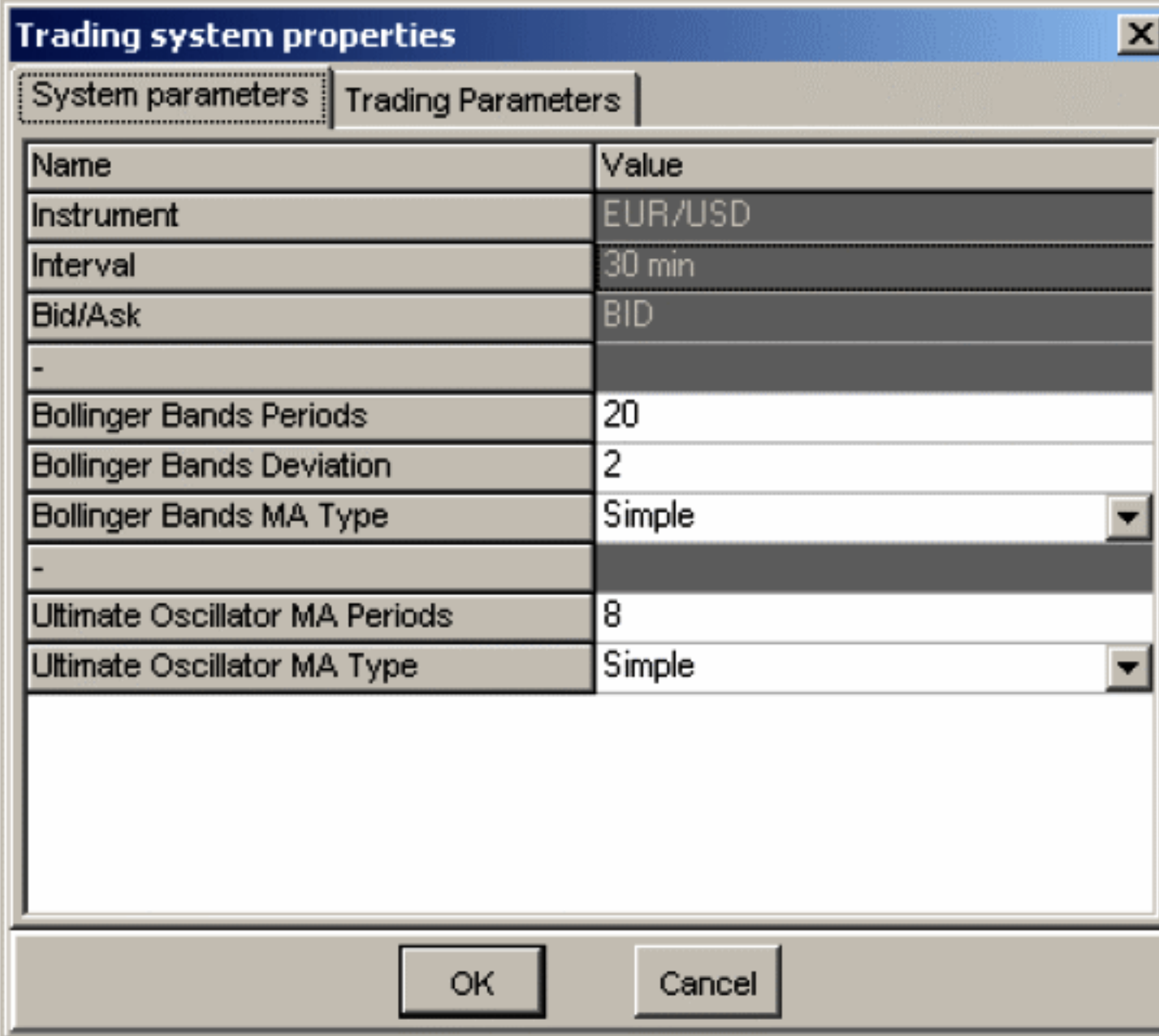
**Long Exit:** Moving Average of Ultimate Oscillator crossing below the Middle Bollinger Band

**Short Entry:** Moving Average of Ultimate Oscillator crossing below the Middle Bollinger Band

**Short Exit:** Moving Average of Ultimate Oscillator crossing above the Middle Bollinger Band

It can be used in **Recommendation Only Mode** to alert the user to the above conditions as well as in **Auto-Trade Mode** to execute automated trading actions based on the associated conditions and their respective "Trading Enabled" output variables (*OpenBuy, CloseBuy, OpenSell, and CloseSell*).

The **Trading System Properties Window**>**System Parameters Bookmark** consists of the following user-defined input variables:



The screenshot shows a dialog box titled "Trading system properties" with a close button (X) in the top right corner. It has two tabs: "System parameters" (selected) and "Trading Parameters". The main area is a table with two columns: "Name" and "Value".

Name	Value
Instrument	EUR/USD
Interval	30 min
Bid/Ask	BID
-	
Bollinger Bands Periods	20
Bollinger Bands Deviation	2
Bollinger Bands MA Type	Simple
-	
Ultimate Oscillator MA Periods	8
Ultimate Oscillator MA Type	Simple

At the bottom of the dialog box are two buttons: "OK" and "Cancel".

**Instrument, Interval, Bid/Ask** – Specifies the trade instrument, chart interval, and chart type the trading system is *(or will be)* attached to.

**Bollinger Bands Periods** – Specifies the number of periods used to calculate the Bollinger Bands based on the Ultimate Oscillator; the default value is 20 periods

**Bollinger Bands Deviation** – Specifies the number of standard deviations used to calculate and display the upper

Below is a screenshot that shows the VT-Bollinger Bands of Ultimate Oscillator System attached to a chart window using its default parameters...



- Ultimate Oscillator indicator is displayed in Additional Frame 1 as a solid dark green line
- Moving Average of Ultimate Oscillator is displayed in Additional Frame 1 as a solid red line
- Upper / Lower Bollinger Bands based on the Ultimate Oscillator are displayed in Additional Frame 1 as solid blue lines
- Middle Bollinger Band based on the Ultimate Oscillator is displayed in Additional Frame 1 as a dashed blue line
- When the Moving Average of Ultimate Oscillator  $>$  Middle Bollinger Band, the [Trend Frame](#)<sup>[447]</sup> displays a blue background and a dark blue bull symbol along with a vertical blue line at the point of the Moving Average of Ultimate Oscillator crossing above the Middle Bollinger Band
- When the Moving Average of Ultimate Oscillator  $<$  Middle Bollinger Band, the [Trend Frame](#)<sup>[447]</sup> displays a red background and a dark red bear symbol along with a vertical red line at the point of the Moving Average of Ultimate Oscillator crossing below the Middle Bollinger Band
- When the Moving Average of Ultimate Oscillator crosses above the Middle Bollinger Band, a blue arrow graphic displays in the chart window and the message, "Ultimate Oscillator Crossed Up Over Middle Band" displays in the [Activity Log Window](#)<sup>[190]</sup>; a standard audio alert will also play. If **Auto-Trade Mode** is *enabled*, this is the condition that will trigger an automated trading action based on the logic of the OpenBuy and CloseSell output variables and the **Trading System Properties Window**>**Trading Parameters Bookmark** options.
- When the Moving Average of Ultimate Oscillator crosses below the Middle Bollinger Band, a red arrow graphic displays in the chart window and the message, "Ultimate Oscillator Crossed Down Below Middle Band" displays in the [Activity Log Window](#)<sup>[190]</sup>; a standard audio alert will also play. If **Auto-Trade Mode** is *enabled*, this is the condition that will trigger an automated trading action based on the logic of the OpenSell and CloseBuy output variables and the **Trading System Properties Window**>**Trading Parameters Bookmark** options.