POLYMARIA · TOOL GUIDE

Robust Channel Engine

Expert advisor (trading robot) · MetaTrader 5 · MQL source code included

About this tool

Robust Channel Engine is an expert advisor (trading robot) for MetaTrader 5 based on Moving Average and ATR. It trades only in the hours you set (time filter) and can size trades from your balance and risk percent. It has 35 settings, such as Magic number, Signal timeframe and Lot mode. MQL source code included.

Files in the download: Robust_Channel_Engine_MT5.mq5, Robust_Channel_Engine_MT5.ex5.

Trading robots can lose money. Check every setting and test on a demo account before using real funds.

Indicators used in the code: Moving Average, ATR.

Settings (35)

These are the inputs you see when you attach the tool to a chart. Defaults are the values in the code.

Setting	Default	What it does
Magic number (MagicNumber)	842898	Magic number that tells this EA's orders apart
Signal timeframe (SignalTimeframe)	PERIOD_CURRENT	Period or timeframe used by the calculation
Lot mode (LotMode)	RiskPercent	—
Fixed lot size (FixedLotSize)	0.10	—
Risk percent value (RiskPercentValue)	1.00	Risk per trade (percent of balance)
Stop loss mode (StopLossMode)	Pips	Stop loss distance
Stop loss value (StopLossValue)	32.0	Stop loss distance
Take profit mode (TakeProfitMode)	Pips	Take profit distance
Take profit value (TakeProfitValue)	64.0	Take profit distance

Max spread pips (MaxSpreadPips)	3.0	Maximum spread allowed to trade
Slippage pips (SlippagePips)	2	Maximum slippage allowed when opening a trade
Stop buffer points (StopBufferPoints)	5	—
Allow buy (AllowBuy)	true	—
Allow sell (AllowSell)	true	—
Close on opposite (CloseOnOpposite)	true	—
Max open positions (MaxOpenPositions)	1	—
Min entry spacing pips (MinEntrySpacingPips)	0.0	—
Trading session (TradingSession)	All	—
Custom start hour (CustomStartHour)	0	Hour when trading starts (server time)
Custom end hour (CustomEndHour)	23	Hour when trading stops (server time)
Session hour offset (SessionHourOffset)	0	—
Trade monday (TradeMonday)	true	—
Trade tuesday (TradeTuesday)	true	—
Trade wednesday (TradeWednesday)	true	—
Trade thursday (TradeThursday)	true	—
Trade friday (TradeFriday)	true	—
Trade saturday (TradeSaturday)	false	—
Trade sunday (TradeSunday)	false	—
Fast period (FastPeriod)	14	Period or timeframe used by the calculation

Slow period (SlowPeriod)	42	Period or timeframe used by the calculation
Signal period (SignalPeriod)	9	Period or timeframe used by the calculation
Rsi period (RSIPeriod)	14	Period or timeframe used by the calculation
Adx period (ADXPeriod)	14	Period or timeframe used by the calculation
Atr period (ATRPeriod)	14	Period or timeframe used by the calculation
Lookback period (LookbackPeriod)	30	Period or timeframe used by the calculation

How to install

1. Download the ZIP from your PolyMaria library and unzip it.
2. In MetaTrader 5 open File -> Open Data Folder, then go to MQL5 -> Experts.
3. Copy the .mq5 file(s) there. Put any .mqh files in MQL5 -> Include.
4. Open the .mq5 file in MetaEditor and press Compile (F7) if MetaTrader does not show it.
5. Drag the expert advisor from the Navigator onto a chart, check the settings, allow Algo/Auto Trading and press OK.
6. Test it first on a demo account or in the Strategy Tester.

Good to know

- Test every expert advisor on a demo account or in the Strategy Tester before trading real money.
- Past results of any tool do not guarantee future results. Trading involves risk.
- Questions? Open the tool page: https://polymaria.net/product/robust-channel-engine-mt5--cfx-6515dbb11809f35dc4510ff8