

# TradePulse EA

## Setup & Configuration Guide — MetaTrader 5

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TradePulse EA brings the same signal logic from the [TradePulse dashboard](#) directly to your MetaTrader 5 account. This guide walks through installing, compiling, configuring, and safely testing the EA before any live use.

### What you received

- **TradePulse\_EA.mq5** — the Expert Advisor source file
- This setup guide (PDF)

### Step 1 — Install the EA

1. Open MetaTrader 5.
2. Go to **File** → **Open Data Folder**. This opens a file explorer window.
3. Navigate into **MQL5** → **Experts**.
4. Copy **TradePulse\_EA.mq5** into this **Experts** folder.

### Step 2 — Compile the EA

1. Back in MetaTrader 5, press **F4** (or go to **Tools** → **MetaQuotes Language Editor**) to open MetaEditor.
2. In MetaEditor, go to **File** → **Open** and select **TradePulse\_EA.mq5** from the Experts folder.
3. Press **F7** to compile.
4. Check the **Toolbox** → **Errors** tab at the bottom — it should say "**0 errors, 0 warnings**". This produces a compiled **TradePulse\_EA.ex5** file automatically.

### Step 3 — Attach the EA to a chart

1. Switch back to MetaTrader 5. Open the **Navigator** panel (**View** → **Navigator**, or press **Ctrl+N**).
2. Expand **Expert Advisors** — you should see **TradePulse\_EA** listed (right-click and choose **Refresh** if it doesn't appear).
3. Open a chart for the symbol you want to trade (e.g. EURUSD), then **double-click** TradePulse\_EA in the Navigator, or drag it onto the chart.
4. In the settings window, go to the **Common** tab and make sure "**Allow live trading**" (and "Allow alerts") is checked.
5. Make sure **AutoTrading** is enabled in the main toolbar — this is a platform-wide switch that must be ON for any EA to act, even in alert-only mode.

## Step 4 — Configure the inputs

Click the **Inputs** tab in the settings window. The table below explains each setting. The defaults are a sensible starting point and match the logic used on the TradePulse dashboard.

Setting	Default	What it does
AutoTrade	false	If false, the EA only logs alerts and draws signal arrows — it places NO real orders. Keep this false until you've watched it run.
RiskPercent	1.0	Risk per trade, as a % of your account balance. Position size is calculated automatically from this and the stop-loss distance.
MaxOpenPositions	3	Maximum number of open positions this EA will have at once, across all charts it's attached to.
MagicNumber	778899	A unique ID tag for this EA's trades — change it only if running multiple copies/EAs on the same account.
RSI_Period	14	Period for the RSI calculation.
MACD_Fast / Slow / Signal	12 / 26 / 9	Standard MACD settings.
EMA_Fast / Slow	20 / 50	EMA periods used in the signal scoring.
ATR_Period	14	Period for ATR, used to size take-profit and stop-loss distances.
StabilityPriceMovePct	0.5	Minimum price move (%) required before a signal is allowed to change direction.
StabilityMinMinutes	30	Minimum time that must pass before a signal is allowed to change direction.
TP_ATR_Multiplier	2.2	Take-profit distance = ATR x this value.
SL_ATR_Multiplier	1.1	Stop-loss distance = ATR x this value (gives a 2:1 reward:risk ratio by default).
ShowAlerts	true	Pop-up alert when a new signal is confirmed.
DrawArrows	true	Draw Buy/Sell arrows on the chart for confirmed signals.

## Step 5 — Test on a demo account first

**This step is essential.** With AutoTrade set to false, run the EA on a demo account for a while and watch the **Experts** log (bottom of the MetaTrader 5 window). You should see a startup message confirming alert-only mode, followed by signal messages like:

```
TradePulse Signal — EURUSD | BUY @ 1.08452 | Win%: 67% | TP: 1.08980 | SL: 1.08188 |  
Reasons: RSI oversold; MACD bullish;
```

Compare these signals against what you'd expect (or against the live TradePulse dashboard for the same pair/timeframe). Once you're comfortable with the timing and direction of signals, you can switch to a demo account, set **AutoTrade = true**, and watch the EA place and manage real (demo) positions using **CTrade::Buy() / Sell()**.

Only consider live trading after you've observed the EA on a demo account across a range of market conditions and you understand exactly how it behaves.

## How the signal logic works

Every signal comes from the same rules-based process used on the TradePulse dashboard:

- **Scoring:** RSI, MACD histogram, price vs. EMA50, and EMA20 vs. EMA50 each contribute points to a "buy score" or "sell score". If the difference reaches a threshold, a BUY or SELL signal is produced; otherwise the signal is NEUTRAL.
- **Stability:** a signal's direction only changes when price has moved more than `StabilityPriceMovePct` and at least `StabilityMinMinutes` have passed since the last signal. This prevents the EA from flip-flopping on normal market noise.
- **Trade levels:** when a signal is confirmed, take-profit is set at `ATR x TP_ATR_Multiplier` away from entry, and stop-loss at `ATR x SL_ATR_Multiplier` away — a 2:1 reward-to-risk ratio with the defaults.

## Troubleshooting

### No messages appear in the Experts log

Confirm `AutoTrading` is enabled in the main toolbar, and that the chart's symbol has live price ticks (markets may be closed on weekends, or for specific symbols outside trading hours).

### The EA icon shows a sad face

This usually means an initialization error, but can also appear briefly after recompiling. Remove the EA from the chart and re-attach it fresh — check the Experts log for any error messages if the issue persists.

### No positions are being placed

Check that `AutoTrade` is set to true, `AutoTrading` is enabled platform-wide, and that `MaxOpenPositions` hasn't already been reached. Signals only fire when the stability conditions are met — this can take time on higher timeframes.

## Important — please read

**TradePulse EA is provided for educational and informational purposes only. It is not financial advice. Trading leveraged products such as forex, CFDs, and commodities carries a high risk of loss, and past performance of this signal logic — whether on the TradePulse dashboard, this EA, or elsewhere — is not indicative of future results.**

**Always test thoroughly on a demo account before any live use. Never trade with money you cannot afford to lose. You are solely responsible for any trades placed by this EA on your account, including its configuration, risk settings, and the broker/account it runs on.**

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Questions? Visit [tradepulseapp.live](https://tradepulseapp.live) and use the chat or contact form.