

ALGORITHMIC TRADING SYSTEM

TITAN ULTIMATE

VERSION 10.12

The definitive operating manual for the TITAN ULTIMATE trading engine. Features advanced grid recovery, trend following logic, and the new institutional "Safe Mode" architecture.

MT5 PLATFORM • STABLE BUILD • 2025 EDITION

01. STRATEGY & LICENSE

LICENSE & BASICS

LicenseKey

STRING

Your unique TFXS license key. It is cryptographically linked to your MT5 Account ID. Without this key, the EA will not place any trades.

Magic

INT

Unique identifier for the EA's orders (e.g., 3579). If you run TITAN on multiple charts (e.g., Gold and EURUSD), you **MUST** use a different Magic number for each chart to avoid conflicts.

StrategyType

ENUM

Follow_Trend: (Recommended) Waits for Moving Average and RSI confirmation before entering. Safe.
Normal_Grid: Enters trades immediately without waiting for signals. Aggressive.

TradeDirection

ENUM

Controls the trading bias. **Buy:** Only Long positions. **Sell:** Only Short positions. **Both:** Standard trading. Useful for fundamental news days.

Manage_Manual_Trades

BOOL

If set to **True**, TITAN will "adopt" any trade you open manually on your phone or terminal (Magic 0). It will apply its Grid, Trailing Stop, and TP logic to your manual trades.

FOLLOW TREND INDICATORS

TrendMA_Period

INT

The period for the Trend Moving Average. If the price is above this MA, the system considers the trend as Bullish (Buy only). If below, Bearish.

TrendMA_Method

ENUM

Calculation method for the MA. Recommended: **MODE_EMA** (Exponential) for faster reaction to price changes.

UseRSI_Filter

BOOL

Adds a momentum filter. If **True**, the EA will only Buy if the RSI is also oversold (low), providing a better entry price.

RSI_Period

INT

The lookback period for the Relative Strength Index. Default is 14 candles.

RSI Buy/Sell Levels

DOUBLE

The trigger zones. **Buy_Level (30):** Market must be below 30 to Buy. **Sell_Level (70):** Market must be above 70 to Sell.

02. EXIT MANAGEMENT

TAKE PROFIT SETTINGS

TakeProfitMode

ENUM

Fixed_Points: Uses a set number of points.
Dynamic_ATR: Calculates TP based on current market volatility (adapts to the market).

TakeProfit

DOUBLE

The standard profit target in Points (or Pips if Feature C is active) for the initial trade.

ATR_Multiplier_TP

DOUBLE

Multiplier for ATR mode (e.g. 1.5x ATR).

Grid_Basket_TP_Mode (NEW)

ENUM

Controls how the Take Profit behaves when multiple grid orders are open.

- **All_Orders_Profit:** TP is placed high enough so every trade makes money (Greedy).
- **Net_Profit_Only:** (Recommended) TP is placed just above the global Break-Even price. Safer exit.

Basket_BE_Offset_Pips

DOUBLE

Used with "Net_Profit_Only". This is the small profit (in Pips) added on top of the Break-Even price to ensure the basket closes green.

Basket_BE_Max_TP_Pips

DOUBLE

Safety Cap. Prevents the recovery TP from being placed too far away if the basket average is bad.

TP OPTIMIZATION

Use_TP_Compression

BOOL

Smart Feature. Automatically reduces the TP distance as the basket grows larger. Helps to exit difficult drawdowns faster.

Start_Compression_Order

INT

The basket size at which TP Compression begins (e.g., start reducing TP after 4th order).

Compression_Percent

DOUBLE

How much to reduce the TP per new order (e.g., 5% reduction per step).

Min_Compressed_TP

DOUBLE

Hard floor. The TP will never be compressed below this value (e.g. 10 points) to ensure the broker accepts the order.

03. GRID RECOVERY ENGINE

The defensive core of TITAN. It manages losing positions by averaging down to exit at a better price.

Use_Grid

BOOL

Master Switch. If False, the EA will never open more than one trade per direction (No averaging).

StepMode

ENUM

Fixed: Distance between orders is constant.

Dynamic_ATR: Distance expands in volatile markets (Safer).

Fixed_Step

DOUBLE

The base distance in Points between grid orders (if Fixed mode is selected).

ATR_Multiplier_Step

DOUBLE

Multiplier for the dynamic step. Higher value = wider grid spacing.

Grid_Multiplier

DOUBLE

Martingale factor. Determines the lot size of the next recovery trade. (e.g. 1.5x previous lot).

MaxGridOrders

INT

The absolute maximum number of recovery trades allowed per direction. Prevents infinite drawdown.

Grid_Calculation_Mode

ENUM

Standard_Safe: Multiplies the previous lot.

Smart_Aggressive: Calculates lots based on the initial lot size exponent. More powerful recovery.

Max_Grid_Step

DOUBLE

A ceiling for the dynamic step. Even in extreme volatility, the gap between trades won't exceed this value.

04. PYRAMID ENGINE

Use_Pyramiding

BOOL

Enables adding new positions to winning trades to maximize trend profits.

AllowGridRescueToUsePyramid

BOOL

Advanced: If True, allows pyramiding logic to run even during a recovery cycle.

Pyramid_Step

DOUBLE

The profit distance (points) the price must move in your favor to open the next pyramid trade.

Pyramid_Multiplier

DOUBLE

Lot multiplier for pyramid trades. Usually 1.0 (flat) or higher for aggressive scaling.

Use_Pyramid_BreakEven

BOOL

Crucial Safety: Moves the Stop Loss of previous trades to Break-Even as soon as a new pyramid opens.

Recover_Pyramid_Trades

BOOL

If winning trades reverse into loss, this allows the Grid Engine to "rescue" them automatically.

Pyramid_Calculation_Mode

ENUM

Defines how the lot size for the next pyramid trade is calculated (Standard vs Smart).

Max_Pyramid_Orders

INT

Limits the total number of profitable addition trades.

05. MONEY MANAGEMENT

LotSizeMode

ENUM

Fixed: Manual lot size.

Auto: Based on balance.

Custom_Sequence: Uses a manual list.

InitialLot

DOUBLE

The starting lot size if Fixed mode is selected.

AutoLot_Risk

DOUBLE

Used in Auto mode. Lots per 1000 balance (e.g., 0.01 = low risk, 0.05 = high risk).

Max_Lot_Size

DOUBLE

Safety Cap. No trade (grid or pyramid) will ever exceed this size.

Custom_Lot_Sequence

STRING

A manual list of lots separated by commas (e.g., "0.01, 0.02, 0.05, 0.12..."). Used for specific strategies.

06. PROTECTION & RISK

HEDGING & SMART RECOVERY

EnableHedging

ENUM

Opens a massive opposite trade if drawdown hits a critical level to "freeze" the loss.

Hedge_Activation_DD

DOUBLE

The Drawdown Percentage (%) at which the Hedge activates.

Hedge_Volume_Percent

DOUBLE

Size of the hedge relative to exposure (e.g., 60% covers 60% of the open volume).

UseSmartRecovery

BOOL

Smart Logic. Closes the deepest losing trade using profits from the latest winner to reduce exposure.

Recovery_Start_Order

INT

Smart Recovery only activates if the basket has more than X orders.

Recovery_Profit_Use

DOUBLE

Percentage of the winner's profit used to cover the loser (e.g. 0.5 = 50%).

DAILY RISK LIMITS

Daily_Target_Percent

DOUBLE

Daily Goal. If equity grows by X%, the EA closes all trades and stops until the next day.

Close_All_At_Daily_Target

BOOL

If True, closes trades immediately. If False, it stops opening new ones but lets current ones run.

Max_Daily_DD_Percent

DOUBLE

Daily Stop Loss. If equity drops by X% in a day, all trades are closed.

Use_Hard_Breach

BOOL

Emergency Kill-Switch. If 50% of the account is lost, all operations cease immediately.

07. TRAILING STOP & TIME

TRAILING STOP SYSTEM

UseTrailing

BOOL

Activates the trailing stop system to lock in profits.

TrailType

ENUM

Fixed: Constant points. Dynamic_ATR: Adapts to volatility.

Use_Infinite_TP

BOOL

If active, removes the Hard TP once trailing starts, allowing the trade to capture massive trends.

Use_Grid_Trailing_Filter

BOOL

Disables trailing if a grid basket is open (to avoid closing recovery trades prematurely).

Trail_Start

DOUBLE

Profit required to activate trailing.

Trail_Dist

DOUBLE

Distance from price to keep the Stop Loss.

ATR_Trail_Mult

DOUBLE

Multiplier for ATR trailing distance (only used if TrailType is Dynamic_ATR).

TIME & FILTERS

Use_Time_Filter

BOOL

Master switch to restrict trading to specific hours.

Start_Hour / End_Hour

INT

The trading window (e.g., Start 1, End 23). Orders are only placed within this time.

Use_Time_Exit

BOOL

Forces closure of single trades if they have been open too long.

Max_Trade_Duration_Mins

INT

Maximum minutes a trade can stay open before being closed by Time Exit.

Use_Spread_Filter

BOOL

Prevents entry if broker spreads are too high (e.g., during market open).

Max_Spread

DOUBLE

Maximum allowed spread in Points.

Coolwon_After_Loss_Mins

INT

Waiting period (minutes) after a Stop Loss hit before the EA can trade again.

Debug_Mode

BOOL

Prints detailed technical logs to the Experts tab. Use only for troubleshooting.

08. SAFE MODE MODULES

NEWS FILTER (FEATURE A)

Use_News_Filter

BOOL

Connects to MT5 Economic Calendar. Pauses trading during news events.

News_Impact

ENUM

Filter intensity: **High_Only** (NFP/rates), **Medium_High**, or **All**.

News_Block_Before/After

INT

Minutes to block entries before and after the event.

News_Refresh_Seconds

INT

How often to check the calendar for updates (Default: 3600s).

SPIKE PAUSE (FEATURE B)

Use_Spike_Pause

BOOL

Detects abnormal volatility (Flash Crash) and temporarily pauses the EA.

Spike_ATR_Multiplier

DOUBLE

Sensitivity (e.g. Candle Range > 3.0x Average ATR).

Spike_Pause_Mins

INT

Duration (minutes) to pause entries after a spike is detected.

DIGITS SAFETY (FEATURE C)

Use_Digits_Volatility_Safety

BOOL

Auto-corrects calculation errors between Points and Pips.

Assume_Inputs_In_Pips

BOOL

If True, input "10" = 10 Pips (100 pts). If False, "10" means 10 points.

09. SAFE MODE ADD-ONS (CONT.)

DIGITS & PIPS SAFETY (FEATURE C CONT.)

Min_Step_Pips

DOUBLE

Hard floor. The grid step will never be smaller than this value.

Min_TP_Pips

DOUBLE

Hard floor. The Take Profit will never be smaller than this value.

Max_Spread_Pips

DOUBLE

Maximum spread allowed (defined in Pips for easier reading).

ATR VOLATILITY GATE (FEATURE D)

Use_ATR_Volatility_Gate

BOOL

Compares Current ATR vs Historical ATR. Blocks trading if the market is violently expanding relative to the norm.

ATR_Gate_Lookback

INT

Bars to calculate the "Normal" average volatility (Default: 100).

ATR_Max_Multiplier_vs_Avg

DOUBLE

Threshold. Block if Current > Average * X (e.g. 2.0x normal volatility).

ADVANCED FILTERS

Use_ATR_Volatility_Filter

BOOL

Absolute Cap. Blocks trades if ATR points > Max_ATR_Points (e.g. avoid Gold when it moves 500 pips/candle).

Use_ADX_Filter

BOOL

Prevents trading in dead/ranging markets. Requires ADX > Min to enter.

ADX_Min / ADX_Period

DOUBLE/INT

Minimum trend strength (e.g. 18) and period (14).

Use_Min_Time_Between_Cycles

BOOL

Anti-Overtrade. Forces the EA to wait X minutes after a cycle closes before starting a new one.

Use_Max_Consecutive_Losses

BOOL

Psychological stop. If the EA takes X losses in a row today, it pauses until tomorrow.

Use_Emergency_Floating_Stop

BOOL

Last Resort: Checks Open Loss vs Day Start Balance. If Floating Loss > X%, forces close of that symbol.

10. DASHBOARD CONFIGURATION

Show_Panel

BOOL

Master switch to show/hide the visual dashboard.

Panel_Corner

ENUM

Location on chart (Top-Left, Top-Right, etc.).

UI_Scale

DOUBLE

Scaling factor. Use 1.2 or 1.5 for 4K/High-DPI screens.

Panel_X / Panel_Y

INT

Pixel coordinates to fine-tune position.

Show_DailyProgress

BOOL

Displays the visual progress bars for Daily Profit Target and Drawdown.

Show_... (Various)

BOOL

Toggles for individual lines: Status, Time, Balance, Equity, Daily PnL, Grid Level, Spread, etc.

⚠️ DISCLAIMER & RISK WARNING

Trading Foreign Exchange (Forex) and Contracts for Differences (CFD) on margin carries a high level of risk and may not be suitable for all investors. The high degree of leverage can work against you as well as for you. Before deciding to trade foreign exchange you should carefully consider your investment objectives, level of experience, and risk appetite.

TITAN ULTIMATE is a software tool provided by The Forex Skyline (TFXS). While advanced safety features (Hard Stops, News Filters, Volatility Gates) are implemented to mitigate risk, market conditions can be unpredictable.

- **No Guarantee:** Past performance of this EA does not guarantee future results.
- **User Responsibility:** It is the user's responsibility to configure the Max Daily DD and LotSize parameters according to their personal risk tolerance. The use of this software is at your own risk.

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