



## 05 - Complete Settings

Complete input reference for the manual MetaTrader 5 Turtle Soup indicator. The indicator does not place orders. It marks setups and provides a manual trade plan.

### 01 - Reference Levels

Defines which highs and lows the indicator treats as liquidity.

Parameter	Default / options	What it does	Practical use
ReferenceLevelMode	ENUM_REFERENCE_LEVEL_MODE_TS Default: Pivot 0 = Pivot 1 = HighestLowest 2 = PreviousDay 3 = PreviousWeek 4 = AsiaSession 5 = LondonSession 6 = NewYorkSession	Defines which type of high or low is used as a liquidity level.	Pivot is the best default choice for discretionary trading.
PivotLeftBars	int Default: 5	Number of candles to the left of the pivot that must be lower or higher.	Higher values create fewer, but stronger levels.
PivotRightBars	int Default: 5	Number of closed candles to the right required to confirm the pivot.	Important against lookahead. More bars mean later, but cleaner confirmation.
LookbackBars	int Default: 50	How far back the indicator searches for relevant levels.	Too small finds few levels. Too large can overvalue old levels.
MinLevelAgeBars	int Default: 3	Minimum age of a level before a sweep can be valid.	Prevents very short-term micro levels from becoming signals.
UseOnlyUntouchedLevels	bool Default: true	Ignores levels that have already been touched or traded through after their formation.	Usually keep enabled because fresh liquidity is cleaner.
MinSwingSizeATR	double Default: 0.0	Minimum swing size in ATR multiples.	0 disables the filter. Values around 0.8 to 1.2 filter small swing points.

### 02 - Sweep Logic

Determines when a level has actually been swept.

Parameter	Default / options	What it does	Practical use
MinSweepPoints	double Default: 5.0	Minimum distance beyond the level in points.	Broker and symbol dependent. Gold, Nasdaq and BTC usually need larger values than EURUSD.
MinSweepATRMultiplier	double Default: 0.2	Minimum sweep as a share of ATR.	Makes the sweep check volatility-adjusted.
UseATRForSweep	bool Default: true	Uses ATR in addition to the fixed point value.	Keep enabled. The stricter distance is used.
MaxBarsAfterSweepForReclaim	int Default: 5	Maximum number of candles allowed between sweep and reclaim.	Turtle Soup should react quickly. On M30, 2 to 5 is a common range.
RequireSweepWickRejection	bool Default: false	The sweep candle must show a rejection wick.	Useful for Gold, DAX and Nasdaq. Test separately on EURUSD.
RequireCloseBackInsideRange	bool Default: true	The reclaim must close back inside / beyond the level.	Keep enabled so the indicator does not signal breakout trades.



## 06 - Reclaim & Stop Logic

The signal plan becomes visible only after a sweep has been reclaimed. Stop placement is based on the selected manual trade plan.

### 03 - Reclaim Logic

After the sweep, the market must reclaim the level. Only then does the signal plan become visible.

Parameter	Default / options	What it does	Practical use
EntryConfirmationMode	ENUM_ENTRY_CONFIRMATION_MODE_TS Default: CloseConfirmation 0 = CloseConfirmation 1 = IntradayTouch	Defines whether the reclaim is confirmed by candle close or intrabar touch.	CloseConfirmation is clearer and easier for manual trading.
RequireBullishBearishReclaimCandle	bool Default: true	Long signals need a bullish reclaim candle; short signals need a bearish reclaim candle.	Usually keep enabled for better signal quality.
RequireReclaimWickRejection	bool Default: false	Additional wick condition on the reclaim candle.	Often leave disabled, otherwise signals may arrive very late.
MinBodyPercent	double Default: 40.0	Minimum candle body size relative to the full candle.	Higher values mean stronger reclaims, but fewer signals.
MaxReclaimBars	int Default: 5	Additional limit for the reclaim time window.	The indicator effectively uses a tight window for fresh reclaims.

### 04 - Manual Trade Plan - Entry & Stop

Calculates the manual entry and stop framework. No order is placed by the indicator.

Parameter	Default / options	What it does	Practical use
EntryMode	ENUM_ENTRY_MODE_TS Default: PendingLimitAtSweptLevel 0 = MarketAfterCloseReclaim 1 = PendingLimitAtSweptLevel 2 = BreakReclaimCandle 3 = RetestEntryAtLevel	Defines how the manual entry price is planned.	PendingLimitAtSweptLevel shows the classic reclaim-level entry.
StopLossMode	ENUM_STOP_LOSS_MODE_TS Default: SweepExtremeWithATRBuffer 0 = SweepExtremeWithATRBuffer 1 = LastSwingWithATRBuffer 2 = ReferenceLevelWithBuffer 3 = ATRBasedStop 4 = FixedPointsStop	Defines how the stop loss for the manual trade plan is calculated.	SweepExtremeWithATRBuffer is the cleanest Turtle-Soup variant.
SLBufferPoints	double Default: 0.0	Fixed additional distance for the stop.	Protects against stops that are too tight and against broker / spread effects.
SLBufferATRMultiplier	double Default: 0.1	ATR-based stop buffer.	The indicator uses the larger buffer from points and ATR share.
FixedSLPoints	double Default: 100.0	Fixed stop in points.	Directly relevant only for FixedPointsStop, or used as fallback.
ATRPeriod	int Default: 14	ATR period for sweep, stop, target, volatility and display.	14 is a robust default choice.
ATRStopMultiplier	double Default: 1.5	ATR multiplier for ATRBasedStop.	Only relevant when StopLossMode is ATRBasedStop.



## 07 - Targets & Trend Filters

Target logic and trend filters help define whether the displayed setup has sufficient structure and risk-reward quality.

### 04 - Manual Trade Plan - Targets

Defines the target model, R levels and minimum required risk-reward ratio.

Parameter	Default / options	What it does	Practical use
TakeProfitMode	ENUM_TAKE_PROFIT_MODE_TS Default: FixedRR 0 = FixedRR 1 = NextLiquidityTarget 2 = PreviousDayTarget 3 = PreviousWeekTarget 4 = ATRBasedTarget 5 = HybridTarget	Defines how the target for the trade plan is calculated.	FixedRR is easiest and clearest to evaluate.
RiskRewardRatio	double Default: 2.0	Main target in R.	2.0 means the target is twice as far away as the stop.
TP1_R	double Default: 1.0	First R target for display.	Useful if you plan partial exits manually.
TP2_R	double Default: 2.0	Second R target for display.	Can be used as a realistic main target.
TP3_R	double Default: 3.0	Third R target for display.	For strong continuation or runner scenarios.
ShowTP1TP2TP3	bool Default: true	Displays TP1, TP2 and TP3 in the chart.	Keep enabled if you plan manual scaling.
UseLiquidityTarget	bool Default: true	Allows targets based on detected liquidity levels.	Conceptually useful, but FixedRR is easier to compare.
MinRequiredRR	double Default: 1.2	Minimum risk-reward ratio required for a setup to be shown as valid.	Protects against setups with an unattractive target-to-stop relationship.

### 05 - Filters - Trend & HTF

Trend and higher-timeframe filters can reduce signals. Test them carefully with reversal setups.

Parameter	Default / options	What it does	Practical use
UseTrendFilter	bool Default: false	Activates an EMA trend filter on the current timeframe.	Can reduce signals. Test carefully with reversal strategies.
FastEMA	int Default: 50	Fast EMA period.	Standard value: 50.
SlowEMA	int Default: 200	Slow EMA period.	Standard value: 200.
TrendFilterMode	ENUM_TREND_FILTER_MODE_TS Default: PriceAndEMAstructure 0 = PriceVsEMA 1 = EMAstructure 2 = PriceAndEMAstructure	Defines how EMA filters are evaluated.	PriceAndEMAstructure is the strictest variant.
UseEMASlope	bool Default: false	EMA slope must match the signal direction.	Can help in trending markets, but may filter reversals.
UseHTFFilter	bool Default: false	Activates a higher-timeframe bias filter.	Useful for directional selection, but not always ideal for Turtle Soup.
HTFTimeframe	ENUM_TIMEFRAMES Default: PERIOD_H1	Higher timeframe used for bias.	H1 or H4 are common starting points.
HTFFastEMA	int Default: 50	Fast EMA on the higher timeframe.	34 or 50 are typical values.
HTFSlowEMA	int Default: 200	Slow EMA on the higher timeframe.	100 or 200 are typical values.



## 08 - Sessions, Spread & Weekday Filters

These filters define when the indicator may display signals and help avoid poor trading conditions.

### 05 - Filters - Sessions, Spread & Volatility

Use these filters to align signals with liquid trading hours, acceptable spread and volatility conditions.

Parameter	Default / options	What it does	Practical use
UseSessionFilter	bool Default: true	Signals only during allowed sessions.	Usually keep enabled for Forex, Gold and indices.
TradeAsia	bool Default: false	Allow Asia session signals.	Useful for Asia-range setups; otherwise often optional.
TradeLondon	bool Default: true	Allow London session signals.	Important for EURUSD, DAX and Gold.
TradeNewYork	bool Default: true	Allow New York session signals.	Important for Nasdaq, Gold and US overlap.
UseCustomSession	bool Default: false	Allows an additional custom session.	Times are based on broker / server time.
CustomSessionName	string Default: Custom	Name of the custom session.	Display only in the panel.
CustomSessionStartTime	string Default: 09:00	Start of the custom session.	Format HH:MM in broker / server time.
CustomSessionEndTime	string Default: 12:00	End of the custom session.	Format HH:MM in broker / server time.
UseSpreadFilter	bool Default: true	Blocks signals when the spread is too high.	Very important if you want realistic manual signals.
MaxSpreadPoints	double Default: 30.0	Maximum allowed spread in points.	Check this per broker and symbol.
UseVolatilityFilter	bool Default: false	Activates ATR minimum and maximum filters.	Useful against dead phases and extreme news candles.
MinATR	double Default: 0.0	Minimum ATR in points.	0 disables the lower filter.
MaxATR	double Default: 0.0	Maximum ATR in points.	0 disables the upper filter.

### 05 - Filters - Weekdays

Weekday filters control on which days new signals are allowed.

Parameter	Default / options	What it does	Practical use
TradeMonday	bool Default: true	Allow Monday signals.	Monday can start slower, but is tradable.
TradeTuesday	bool Default: true	Allow Tuesday signals.	Normal trading day.
TradeWednesday	bool Default: true	Allow Wednesday signals.	Normal trading day.
TradeThursday	bool Default: true	Allow Thursday signals.	Normal trading day.
TradeFriday	bool Default: true	Allow Friday signals.	Handle late Friday carefully because of weekend risk.
TradeSaturday	bool Default: false	Allow Saturday signals.	Mainly relevant for Bitcoin / crypto.
TradeSunday	bool Default: false	Allow Sunday signals.	Relevant for crypto. Usually off for Forex / CFDs.
FridayNoNewTradesAfter	string Default: 18:00	No new Friday signals after this time.	HH:MM server time. Leave empty if not needed.



## 09 - Display & Alerts

The display settings control how the indicator communicates setup context, status and historical signals on the chart.

### 06 - Display

Visual settings for panels, chart objects, session lines and historical signals.

Parameter	Default / options	What it does	Practical use
ApplyColorOnWhiteScheme	bool Default: true	Automatically applies the light chart color scheme.	Creates a consistent, clean visual appearance.
ShowStatusPanel	bool Default: true	Shows the compact status panel at the top of the chart.	Keep enabled to see whether the indicator is ready.
ShowGuidancePanel	bool Default: true	Shows what the indicator is currently waiting for.	Very useful for manual trading.
ShowActiveSetupHint	bool Default: true	Controls active setup hints.	In the current design, the key information remains in the panel.
ShowReferenceLevels	bool Default: true	Displays detected reference highs and lows.	Keep enabled to visually verify the logic.
ShowSessionLines	bool Default: true	Displays session open and close lines.	Blue = open, red = close.
SessionLinesDaysBack	int Default: 5	Number of days for which session lines are shown.	5 is usually enough.
ShowSetupHistory	bool Default: true	Keeps historical signals on the chart.	Useful for analysis. Disable if the chart becomes crowded.
MaxHistoricalSignals	int Default: 30	Maximum number of historical signals.	Too high can make the chart too full.
ShowInvalidSetups	bool Default: false	Shows invalid setups.	Enable for diagnostics; usually leave off in daily use.
LabelFontSize	int Default: 8	Font size of chart labels.	On high-resolution screens, test 8 to 10.

### 07 - Alerts

Notifications when a new confirmed setup appears.

Parameter	Default / options	What it does	Practical use
EnablePopupAlert	bool Default: true	MT5 popup when a new signal appears.	Useful for desktop use.
EnablePushAlert	bool Default: false	Push notification to the mobile MT5 app.	Must be configured correctly in MT5.
EnableSoundAlert	bool Default: false	Plays a sound when a signal appears.	Useful when several charts are open.
AlertSoundFile	string Default: alert.wav	Sound file used for the alert.	The file must exist in the MT5 Sounds folder.



## 10 - Manual Workflow & Risk Notice

The indicator is built for manual decision support. The trader remains responsible for execution, context and risk.

### 08 - Manual Trading Workflow

- Choose the symbol and timeframe, for example M30.
- Set session and spread filters to match the market.
- Observe the reference levels.
- Do not enter immediately after a sweep.
- Wait for the reclaim and the displayed trade plan.
- Check entry, stop loss, targets and risk-reward ratio.
- Execute manually - or deliberately skip the trade.

### 09 - Troubleshooting

Issue	Recommended check
No signals	Check session filter, spread filter, weekdays, volatility filter, UseOnlyUntouchedLevels and whether a real sweep plus reclaim has occurred.
Signals arrive late	Disable RequireReclaimWickRejection, reduce MinBodyPercent or review MaxReclaimBars.
Too many signals	Increase MinSwingSizeATR, MinSweepPoints or MinSweepATRMultiplier and enable RequireSweepWickRejection.
Chart is too crowded	Disable ShowSetupHistory, reduce MaxHistoricalSignals or hide TP1 / TP2 / TP3.
No alerts	Check popup, push and sound inputs. Push notifications must also be configured in MT5.

### 10 - Risk Notice

The indicator is a decision-support tool for manual trading. It does not guarantee profits. It does not replace your own market analysis, risk management or checks of news, spread and broker conditions.