

Local Trade Sync Copier

User Manual v1.07 - English Edition



A -> B / Local synchronization of trading state between MetaTrader 5 accounts
running on the same PC or VPS

Manual edition: 1.1
Product version: 1.07
2026-08-15

1. Purpose of This Manual and Important Information

This manual is intended to help purchasers of Local Trade Sync Copier v1.07 understand each setting and start synchronization safely from Account A (Publisher / Source) to Account B (Receiver / Destination). Parameter names, default values and display order have been checked against the v1.07 source input definitions.

MOST IMPORTANT - Operating requirement

Run the A terminal and B terminal on the same PC or the same VPS. A-B data exchange uses MT5 FILE_COMMON. In practice, both terminals must share the same `TERMINAL_COMMONDATA_PATH\Files` location. This product does not directly synchronize separate PCs or separate VPS instances over the internet. MT5 still requires normal internet connectivity to the brokers for trading.

- The B account (Receiver) must use Hedging mode. The EA checks the B margin mode during initialization and does not start on a Netting account.
- Use one MT5 terminal per trading account. For multiple B accounts, run each B account in its own MT5 terminal.
- One EA instance on one chart per MT5 terminal can process multiple symbols listed in SourceSymbols.
- On A, every open position on the symbols listed in SourceSymbols is in scope. The A-side extraction is not filtered by whether the trade was manual, created by another EA, or by its Magic Number.
- On B, this EA identifies the positions/orders it created by its Magic Number and internal tags, and normally does not manage unrelated B-account trades.
- This product does not provide trading signals or a trading strategy. Differences in broker prices, spreads, Stops Level and execution conditions mean A and B results are not guaranteed to be identical.
- Test the setup on demo accounts first. When practical, change major settings only when no copied trades are open.

Manual structure

Terminology -> Quick Start -> Live examples -> One-to-many setup -> All input parameters in MT5 order -> Lot sizing -> Adverse price control -> SL/TP safety -> Restart/re-entry behavior -> Pending orders -> Strategy Tester -> Troubleshooting -> Final checklist

2. Terminology

Term	Meaning
Account A / Publisher / Source	The source side. Periodically writes the trading state of A for SourceSymbols to FILE_COMMON.
Account B / Receiver / Destination	The destination side. Reads the A snapshot and reflects mapped orders, positions, SL/TP and closes on B. B must be Hedging.
ChannelName	Local identifier that decides which Publisher and Receiver belong to the same group. Must match on A and B.
Symbol mapping	Mapping between A symbol names and B symbol names. SourceSymbols and DestinationSymbols are listed in matching order.
Magic Number	Identifier used on B for trades created by this EA. Normally generated automatically from ChannelName.
Hedging account	Account mode that can hold multiple independent tickets on the same symbol. Required on B for split orders, partial closes and ticket-level management.
FILE_COMMON	MT5 common Files area that can be shared by multiple MT5 terminals on the same computer. Used for A-B communication.
Contract Size	Contract quantity represented by 1 lot. If A and B differ, EnableContractSizeCorrection=true adjusts the lot multiplier.
Stops Level	Broker-required minimum distance. The EA checks the B symbol Stops Level when validating position SL/TP and pending-order prices/protection as appropriate.
Freeze Level	Zone near the current market in which modification/deletion of an existing pending order can be restricted. v1.07 uses it for pending-order modification checks.
Relative Distance	Protection mode that transfers the distance from A Entry to SL/TP onto B Entry, so the risk distance can remain similar even when A/B fills differ.
Adverse distance	Absolute price difference allowed when B is worse than A. Entered as a price value, not points or pips.
Mapping / Map	Stored relationship between one A trade and one or more B positions/orders. Saved locally per B account and normally reused after restart.
EA / Expert Advisor	A program attached to an MT5 chart. This product operates as a trade-synchronization utility; it does not generate trade decisions or signals.
Algo Trading	MT5 permission that allows an EA to perform trade operations. It must be enabled when the Receiver uses EnableTrading=true.
Binding	Protection data that records the first connected A login and Effective Magic Number for a ChannelName, helping prevent an unintended connection to a different A account.

3. Quick Start - Start A -> B Synchronization

Before you start

Run A and B on the same PC/VPS and confirm that B is a Hedging account. Enable Algo Trading in the B terminal. Also confirm that the FILE_COMMON path shown in the A/B Experts logs is identical.

1. Open any chart in the A-account MT5 terminal and attach the EA. Set OperatingMode = COPIER_ACCOUNT_A_PUBLISHER.
2. Choose the A-side ChannelName (example: Main). Enter the A symbols to synchronize in SourceSymbols as a comma-separated list.
3. In a separate MT5 terminal logged into the B account, open any chart and attach the same EA. Set OperatingMode = COPIER_ACCOUNT_B_RECEIVER.
4. Set the B-side ChannelName to the same value as A. Keep SourceSymbols in the same order as A and enter the actual B broker symbol names in DestinationSymbols in the matching order.
5. Set EnableTrading = true on B. For initial demo testing, start with a simple configuration such as LotSizingMode = LOT_FIXED_MULTIPLIER and LotMultiplier = 1.0.
6. Open one new position on A and confirm that it appears on B. Then test A-side SL/TP changes, partial close and full close in sequence.

Example mapping

Example

A: SourceSymbols = XAUUSDm,USDJPY
 B: SourceSymbols = XAUUSDm,USDJPY
 B: DestinationSymbols = XAUUSD,USDJPY+
 A/B: ChannelName = Main

What SourceSymbols means

The Publisher exposes all positions on the listed symbols. There is no filter that selects only a particular Magic Number. If you need separate synchronization scopes, separate them by SourceSymbols and/or by account.

4. Reading the Settings Screen

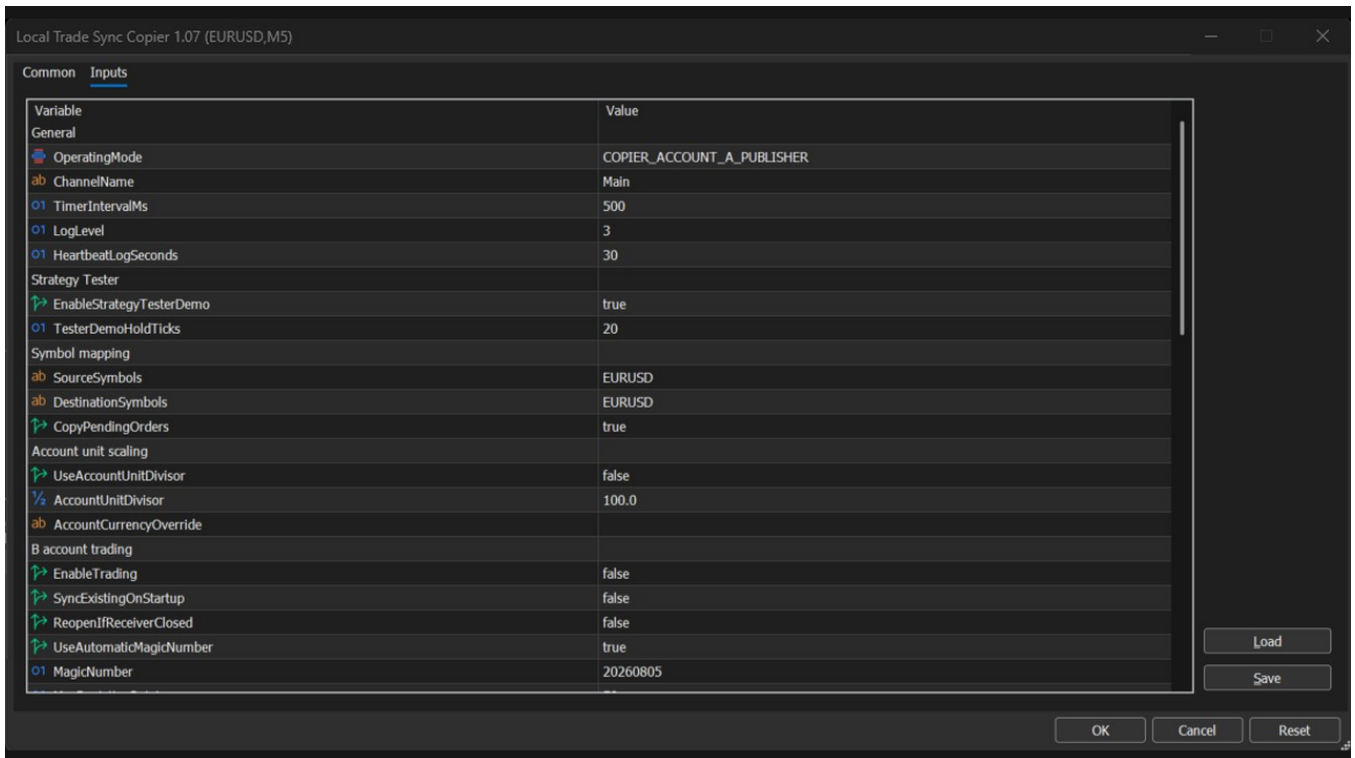


Figure 1. Publisher example - OperatingMode = COPIER_ACCOUNT_A_PUBLISHER

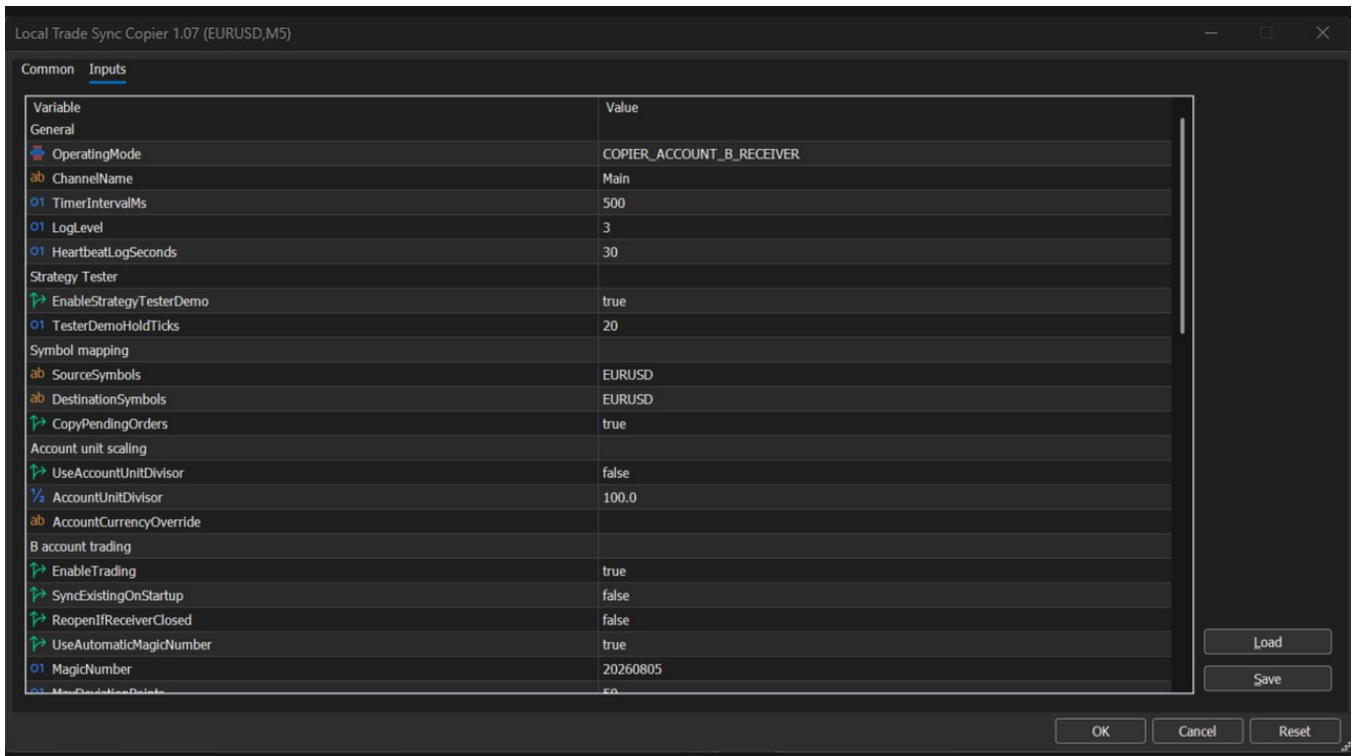


Figure 2. Receiver example - OperatingMode = COPIER_ACCOUNT_B_RECEIVER / EnableTrading = true

5. Live Operation Examples

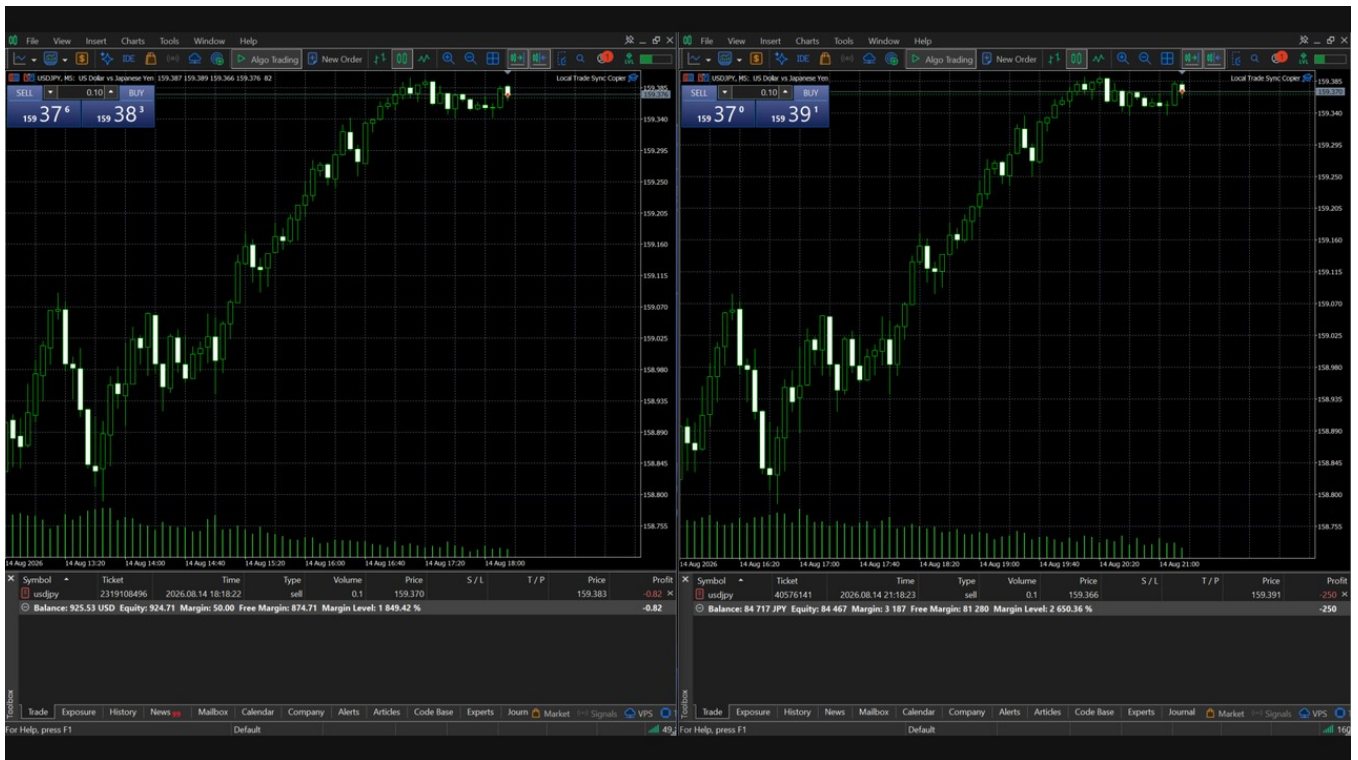


Figure 3. USDJPY: A SELL 0.1 synchronized to B. Fill prices can differ between brokers.

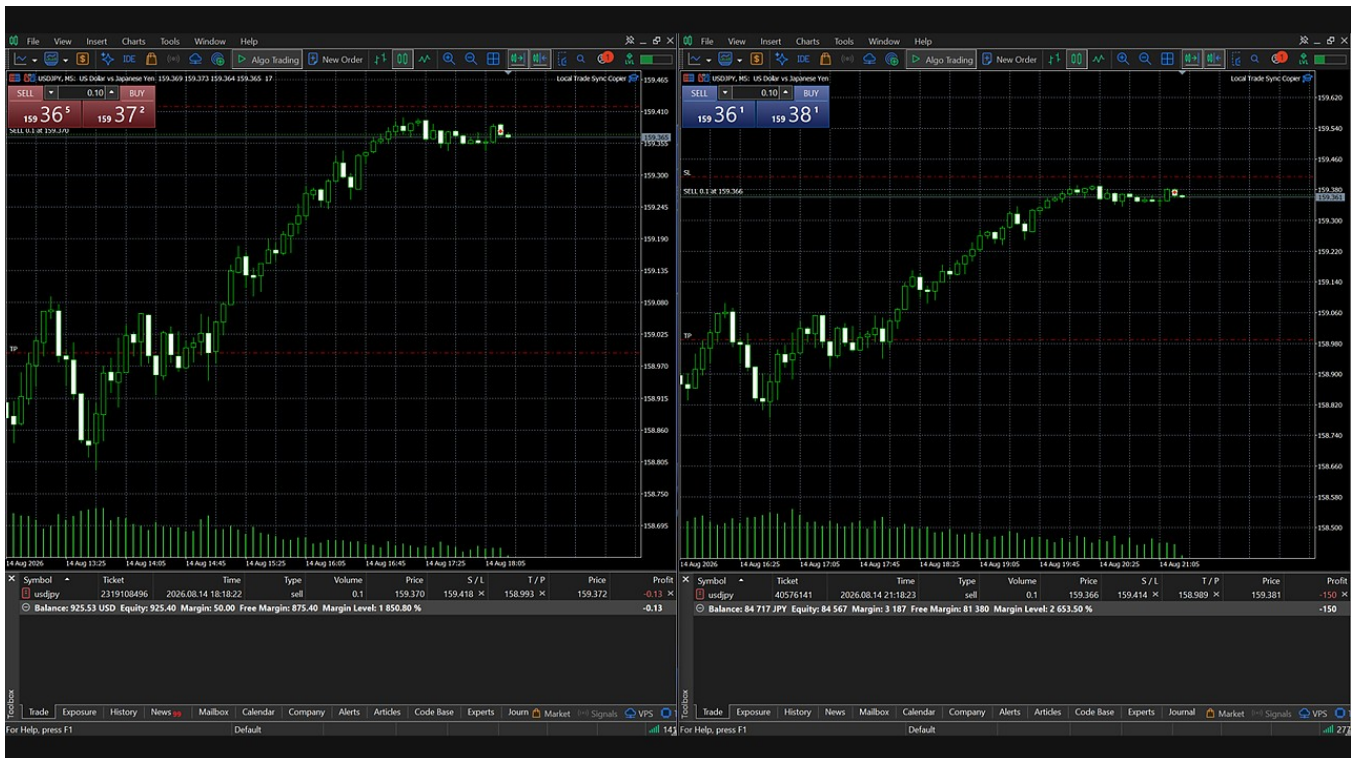
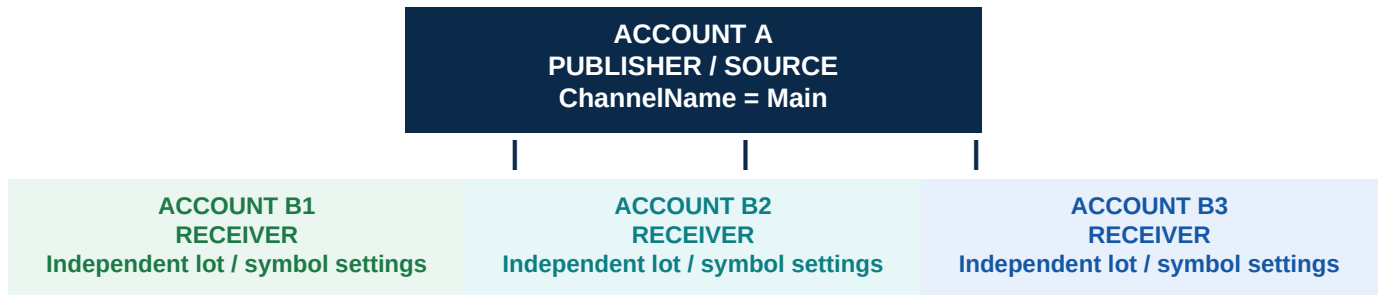


Figure 4. SL/TP synchronization. In RELATIVE_DISTANCE mode, the actual A and B SL/TP price values can differ.

6. One Publisher to Multiple Receivers

Within the same PC/VPS, multiple B Receivers can read one A Publisher. The shared State/Account files are separated by ChannelName, while B-side Map/Binding data is separated by the B account login. This allows each B account to use independent lot settings and DestinationSymbols.



Configuration rules

- Do not run multiple Publishers using the same ChannelName at the same time.
- Do not run duplicate Receiver instances for the same B account + ChannelName combination.
- For one A -> multiple B, run each B in a separate MT5 terminal/account.

Channel protection

B stores the first connected A account login and Effective Magic Number as a Binding. If the A login changes while the same ChannelName is reused, synchronization is paused and the EA instructs you to use a new ChannelName for the new A account. Do not change ChannelName or Magic Number during active operation.

7. All Input Parameters - MT5 Display Order

This chapter lists the v1.07 input definitions from top to bottom exactly as they appear in the source. Default values have been automatically checked against the source. Because this is a unified EA, B-only settings are still visible in Publisher mode; rows marked [B] are primarily meaningful on the Receiver.

7.1 General

Parameter	Default	Purpose / Notes
OperatingMode	COPIER_ACCOUNT_A_PUBLISHER	[A/B] Selects the EA role. Use COPIER_ACCOUNT_A_PUBLISHER on A and COPIER_ACCOUNT_B_RECEIVER on B.
ChannelName	Main	[A/B] Local channel name that links A and B. Use the same value for one group. Characters other than letters, numbers, _ and - are sanitized to _, and a blank value is treated internally as Default. Use only one Publisher per ChannelName.
TimerIntervalMs	500	[A/B] Synchronization timer interval in milliseconds. Minimum 50 ms. Smaller values can react faster but increase processing frequency.
LogLevel	3	[A/B] Amount of Experts/Journal output. 0=none, 1=warnings/errors, 2=normal, 3=debug.
HeartbeatLogSeconds	30	[A/B] Interval in seconds for debug heartbeat messages when LogLevel=3. 0 disables heartbeat logging. Negative values are invalid.

7.2 Strategy Tester

Parameter	Default	Purpose / Notes
EnableStrategyTesterDemo	true	[Tester] Enables the standalone Market demo behavior in Strategy Tester. When true, it does not perform a two-terminal copy; it opens and closes one minimum-volume demo position.
TesterDemoHoldTicks	20	[Tester] Number of ticks to hold the demo position before closing it. Must be at least 1.

7.3 Symbol mapping

Parameter	Default	Purpose / Notes
SourceSymbols	EURUSD	[A/B] Comma-separated A-side symbols to monitor, e.g. EURUSD,XAUUSD,USDJPY. A publishes all positions on these symbols. Duplicate entries are not allowed.
DestinationSymbols	EURUSD	[B] B-side symbols in the same order as SourceSymbols. The number of entries must match SourceSymbols on B. Example: A=XAUUSDm,USDJPY / B=XAUUSD,USDJPY+. Essentially unused in Publisher mode.
CopyPendingOrders	true	[A/B] When true, pending orders (Limit/Stop/Stop Limit) are synchronized. Using the same value on A and B is recommended. When false, pending orders are not managed.

7.4 Account unit scaling

Parameter	Default	Purpose / Notes
UseAccountUnitDivisor	false	[A/B] Divides account balance by AccountUnitDivisor for normalization, mainly for balance-ratio lot sizing. Usually unnecessary in fixed-multiplier mode.
AccountUnitDivisor	100.0	[A/B] Balance normalization divisor used when UseAccountUnitDivisor=true. Must be greater than 0. Example: use 100 to normalize a displayed unit to one-hundredth.
AccountCurrencyOverride		[A/B] Advanced override for the account currency code used by balance-ratio currency logic. Blank uses MT5 ACCOUNT_CURRENCY. This does not itself convert the balance. Use only when the intended currency code is clear.

7.5 B account trading

Parameter	Default	Purpose / Notes
EnableTrading	false	[B] Allows actual order placement, modification and closing on B. true=live trade operations; false=dry run that logs intended actions without sending them to the broker. Not used to execute trades in Publisher mode.
SyncExistingOnStartup	false	[B] Determines whether A positions/pending orders that already exist when B first sees them and have no map yet should be synchronized. false ignores them until they disappear from A. Existing saved maps from a normal restart are different and continue to be managed.
ReopenIfReceiverClosed	false	[B] Determines whether mapped B volume lost independently by manual close, B-side SL/TP, stop-out or broker action should be rebuilt. false (recommended) suppresses re-entry of the lost volume for the same A position. true restores the older absolute-target behavior.
UseAutomaticMagicNumber	true	[B] When true, derives a stable Magic Number from ChannelName. Normally recommended.
MagicNumber	20260805	[B] Manual Magic Number used only when UseAutomaticMagicNumber=false. Must be greater than 0. Do not change it during an active channel because it can conflict with stored channel state.
MaxDeviationPoints	50	[B] Maximum allowed execution deviation for market operations, in MT5 points (not pips). Must be non-negative.
RetryIntervalMs	1000	[B] Retry interval in milliseconds for an operation that could not be completed. 0 means no wait. Negative values are invalid.
MaxOperationsPerCycle	10	[B] Maximum number of trade operations per timer cycle. 0 means unlimited. Helps limit load and bursts of operations during large reconciliations.

7.6 Lot sizing (1/2)

Parameter	Default	Purpose / Notes
LotSizingMode	LOT_FIXED_MULTIPLIER	[B] Lot calculation mode. LOT_FIXED_MULTIPLIER uses a fixed multiplier. LOT_BALANCE_RATIO also incorporates the A/B balance ratio.
LotMultiplier	1.0	[B] Base lot multiplier. Must be greater than 0. Balance-ratio and contract-size factors can additionally affect the final multiplier.
EnableContractSizeCorrection	true	[B] When true, corrects for A/B Contract Size differences by multiplying by A Contract Size / B Contract Size. Usually recommended when broker or symbol specifications differ.
UseSourceTieredBalance	false	[B] In LOT_BALANCE_RATIO, floors the normalized A balance in SourceTierStep increments and applies SourceMinimumBalance as a lower bound.
SourceTierStep	100000.0	[B] A-balance flooring step used only with LOT_BALANCE_RATIO and UseSourceTieredBalance=true. Example: 1,260,000 -> 1,200,000 when the step is 100,000.
SourceMinimumBalance	100000.0	[B] Lower bound for A balance after tiering, expressed in normalized account-currency units. Example: with 100000, a normalized A balance below 100000 is treated as 100000. Must be non-negative.
EnableBalanceCurrencyConversion	false	[B] In LOT_BALANCE_RATIO, allows A balance to be converted into B currency when account currency codes differ. If false and currencies differ, the balance ratio cannot be established for that source mapping.
ConversionSymbol	USDJPY	[B] Symbol used for automatic conversion when conversion is required and UseManualConversionRate=false. Uses the Bid/Ask midpoint when available. Example: USDJPY.
ConversionOperation	CONVERSION_MULTIPLY	[B] Operation used to convert A balance into B currency. CONVERSION_MULTIPLY multiplies; CONVERSION_DIVIDE divides. Select according to the direction of the conversion symbol.

7.6 Lot sizing (2/2)

Parameter	Default	Purpose / Notes
UseManualConversionRate	false	[B] When Balance Ratio requires currency conversion, true uses ManualConversionRate instead of ConversionSymbol.
ManualConversionRate	0.0	[B] Manual conversion rate. When LOT_BALANCE_RATIO currency conversion uses a manual rate directly or as fallback, this value must be greater than 0.
FallbackToManualConversionRate	false	[B] When automatic currency conversion is required but a usable automatic rate cannot be obtained, allows fallback to ManualConversionRate.
MaxCopiedVolumePerSource	0.0	[B] Maximum B target volume derived from one A position/pending order. 0 means no additional cap.
MaxVolumePerOrder	0.0	[B] Maximum volume of one B order/position created at a time. 0 uses the B broker maximum. Larger targets are split into multiple chunks, which is one reason B must be a Hedging account.
TargetVolumeRounding	TARGET_VOLUME_ROUND_DOWN	[B] Method used to round target volume to the B volume step. ROUND_DOWN floors it; ROUND_NEAREST rounds to the nearest step.
BelowMinimumLotAction	BELOW_MINIMUM_SKIP	[B] If a calculated new B position is below the broker minimum and no B position exists yet: SKIP sends nothing; RAISE_TO_MINIMUM raises to the broker minimum.
SmallRemainderAction	SMALL_REMAINDER_KEEP_MINIMUM	[B] When reducing an existing B position would leave less than the broker minimum: KEEP_MINIMUM leaves the minimum lot; CLOSE moves toward full close. Also affects an existing position whose target itself falls below minimum.

7.7 Price difference control

Parameter	Default	Purpose / Notes
EnableEntryPriceControl	false	[B] For normal new copy entries, defers entry when B price is too adverse relative to the A entry. Retries according to RetryIntervalMs until allowed.
EnableSyncPriceControl	false	[B] Price-difference control for first-time synchronization of an existing A trade when SyncExistingOnStartup=true. Can use a separate tolerance from normal entries.
EnableClosePriceControl	false	[B] When following an A-side close, defers the B close if B price is too adverse relative to A. Market exposure remains while deferred. Protection-trigger safety closes bypass this filter.
EntryAdverseDistances	0.0010	[B] Absolute adverse-price tolerance for normal entries. One value applies to all SourceSymbols; multiple comma-separated values must match the symbol count. This is a price value, not points/pips.
SyncAdverseDistances	0.0010	[B] Adverse-price tolerance for first-time synchronization of existing trades. Same format as EntryAdverseDistances.
CloseAdverseDistances	0.0010	[B] Adverse-price tolerance for close synchronization. Same format as EntryAdverseDistances.

7.8 SL and TP

Parameter	Default	Purpose / Notes
CopyStopLoss	true	[B] When true, manages A-side SL addition, modification and removal on B. When false, the EA does not modify the B SL.
CopyTakeProfit	true	[B] When true, manages A-side TP addition, modification and removal on B. When false, the EA does not modify the B TP.
ProtectionPriceMode	PROTECTION_RELATIVE_DISTANCE	[B] How B protection prices are calculated. DIRECT_PRICE uses A price values directly. RELATIVE_DISTANCE transfers the A Entry-to-SL/TP distance to the actual B entry/order price. RELATIVE_DISTANCE is the default for cross-broker use.

7.9 Data freshness

Parameter	Default	Purpose / Notes
EnableFreshnessCheck	true	[B] Safety feature that pauses reconciliation when the A account snapshot is stale.
MaxDataAgeSeconds	5	[B] Maximum allowed age of A data in seconds. 0 effectively disables the age limit. Negative values are invalid.
StaleWarningRepeatSeconds	30	[B] Minimum interval in seconds between repeated stale-data warnings. 0 disables repeat suppression. Negative values are invalid.

8. How Lot Sizing Works

8.1 Fixed Multiplier

Basic formula when contract-size correction is enabled:

Formula

B raw target = A volume x LotMultiplier x (A Contract Size / B Contract Size)

If EnableContractSizeCorrection=false, the final contract-size ratio is omitted. The result is then rounded to the B volume step according to TargetVolumeRounding, and MaxCopiedVolumePerSource / MaxVolumePerOrder are applied where relevant.

8.2 Balance Ratio

Frozen multiplier

LotMultiplier

x (B normalized balance / A normalized-or-tiered balance converted to B currency)

x (A Contract Size / B Contract Size) [if enabled]

Important: this multiplier is calculated when an A source trade is first mapped and is stored in that trade map as a frozen multiplier. It is not recalculated every cycle merely because account balances change while the same A position remains open. Later A volume changes are synchronized as differences using the stored multiplier.

8.3 Currency conversion examples

- A=USD, B=JPY, ConversionSymbol=USDJPY: normally use CONVERSION_MULTIPLY (USD balance x USDJPY ≈ JPY).
- A=JPY, B=USD, ConversionSymbol=USDJPY: normally use CONVERSION_DIVIDE (JPY balance / USDJPY ≈ USD).
- If the broker symbol direction or definition differs, verify the actual conversion direction before choosing the operation.
- AccountUnitDivisor is configured independently in each A/B terminal and divides that terminal balance for normalization.

Minimum lot and rounding

TargetVolumeRounding, BelowMinimumLotAction and SmallRemainderAction can cause actual B volume to differ from the theoretical value. Before live use, verify the B broker SYMBOL_VOLUME_MIN / STEP / MAX behavior on demo.

9. Adverse Price Control

All price-difference controls are OFF by default. When enabled, they are designed to block only prices that are adverse to B while allowing favorable prices. Distance values are absolute price differences, not points or pips.

Situation	BUY condition	SELL condition	Setting
Normal entry	$B \text{ Ask} \leq A \text{ Entry} + \text{distance}$	$B \text{ Bid} \geq A \text{ Entry} - \text{distance}$	EntryAdverseDistances
Initial sync of existing trade	Same concept as above	Same concept as above	SyncAdverseDistances
Close	$B \text{ Bid} \geq A \text{ Bid} - \text{distance}$	$B \text{ Ask} \leq A \text{ Ask} + \text{distance}$	CloseAdverseDistances

Distance-list format

Example

SourceSymbols = EURUSD,XAUUSD,USDJPY
EntryAdverseDistances = 0.0005,0.50,0.010

One value applies to all SourceSymbols. If multiple values are supplied, the count must match SourceSymbols. Negative values are invalid.

Caution - Close Price Control

Even after A has closed, EnableClosePriceControl=true can delay the B close while B price is outside the allowed range. The B position remains exposed to market risk during that delay. The v1.07 safety close for an already-crossed copied SL/TP level bypasses Close Price Control.

10. SL / TP Synchronization and v1.07 Safety Behavior

10.1 ProtectionPriceMode

- PROTECTION_DIRECT_PRICE: uses the A SL/TP price values directly on B. This is most suitable when A and B use the same instrument and price scale.
- PROTECTION_RELATIVE_DISTANCE (default): transfers the A Entry-to-SL/TP distance onto the actual B Entry. This is more tolerant of cross-broker fill-price differences.

SELL example

A Entry 159.370, A SL 159.418 -> distance +0.048
 B Entry 159.366 -> B SL $\approx$ 159.414

10.2 When the protection is too close for Stops Level

If an SL/TP does not satisfy the B broker Stops Level, the EA does not force an invalid protection level. SL and TP are evaluated independently: a valid side can be applied first while the invalid side is retried according to `RetryIntervalMs`. If protection is too close during a new entry, it can also be temporarily omitted and retried during position reconciliation after the position exists.

10.3 When B has already crossed the intended SL/TP level

v1.07 Safety

If B price has already crossed the SL or TP level that should be copied, the EA does not leave B unprotected while waiting for price to return. It closes the B position for safety. With `ReopenIfReceiverClosed=false`, re-entry for that same A position is also suppressed.

10.4 SELL SL uses Ask

For a SELL position, SL validity and crossed-level checks use the B-side Ask. If the chart candles are primarily Bid-based, the visual distance can look sufficient while the spread still places the requested SL inside Stops Level. BUY-side checks primarily use Bid.

11. Initial Synchronization, Restart and Independent B-Side Exits

11.1 SyncExistingOnStartup

This setting controls A trades that already exist in the first snapshot seen by a Receiver and do not yet have a Map.

- false: registers the existing A trade as ignored and does not create a new B copy until that A trade disappears.
- true: creates a map for initial synchronization and attempts to synchronize using EnableSyncPriceControl / SyncAdverseDistances if enabled.
- A normal restart is different when a saved B Map already exists. Existing mapped trades are loaded and continue to be managed. Therefore, false does not mean that every restart ignores all open trades.

11.2 ReopenIfReceiverClosed=false (recommended default)

If a mapped B position is reduced independently - for example by manual close, B-side SL/TP, stop-out or broker action - the lost amount is stored as suppressed volume.

- If B is partially reduced: the lost volume is not immediately rebuilt. Later A volume changes are generally reconciled against the target after subtracting the suppressed amount.
- If B becomes completely zero: that A position becomes fully blocked and is not recreated on B while the same A position still exists. The block ends when the A trade disappears and its Map is removed.
- true restores the older behavior that attempts to return B to the absolute A-derived target volume, so re-entry can occur after an independent B-side exit.

Operational meaning

If a B-side SL is hit before A and only B closes, false prevents the EA from silently rebuilding the same A trade. This is especially important when broker prices or protection levels differ.

12. Pending Orders

With CopyPendingOrders=true, the following A pending-order types are synchronized to B:

- BUY LIMIT / SELL LIMIT
- BUY STOP / SELL STOP
- BUY STOP LIMIT / SELL STOP LIMIT

The EA manages entry price, Stop Limit price, SL/TP and expiration. Expiration is transferred using the remaining seconds on the A server and converted onto B server time.

If B triggers before A

Broker price differences can cause a B pending order to trigger while the corresponding A order is still pending. v1.07 detects that A is still an order, closes the prematurely triggered B position, and reconstructs the B pending order as needed. If EnableClosePriceControl=true, that close can be deferred by the configured price condition.

When A transitions from pending order to position

When the A Order becomes a Position, the Map for the same Source ID is transitioned into position management and the corresponding B pending order/position is reconciled.

Pending-order modification notes

- If the requested B order price does not satisfy Stops Level, modification is deferred.
- If an existing B pending order is inside Freeze Level, modification is deferred.
- A B pending-order volume mismatch can be reconciled by delete/recreate rather than only changing volume in place.
- If CopyPendingOrders is switched to false, existing EA-mapped B pending orders become candidates for deletion. Test any operational change on demo first.

13. Strategy Tester / Market Demo

A single Strategy Tester agent cannot reproduce two separate live MT5 terminals sharing FILE_COMMON in the same way as normal operation. Therefore, when EnableStrategyTesterDemo=true, the test is a standalone product demonstration rather than a test of the A-B copy link itself.

1. After Strategy Tester starts, wait for about 3 ticks.
2. Open one BUY position at the broker minimum lot for the test symbol (_Symbol).
3. Hold the position for TesterDemoHoldTicks ticks.
4. Close the position and finish the demo sequence.

Do not misinterpret the result

A successful Strategy Tester Demo shows that the product can initialize and perform a trade operation inside the tester. It does not prove the two-terminal A-B FILE_COMMON link. Test the real copy function with two MT5 demo accounts running on the same PC/VPS.

14. Troubleshooting

Symptom	What to check
Nothing is copied to B	Check B OperatingMode, EnableTrading=true, Algo Trading, matching ChannelName, Source/DestinationSymbols spelling, Hedging mode, and that the A/B FILE_COMMON paths match. Also inspect Experts/Journal errors.
A has an existing position but B does not receive it	With SyncExistingOnStartup=false, this is expected on first setup. Existing A trades are ignored until they disappear. Use true in a new test environment if you intentionally want initial synchronization.
Only SL/TP does not copy	Check B Stops Level, current Bid/Ask and spread. Protection that is too close is retried. If B has already crossed the intended protection level, the B position is safety-closed.
B does not reopen after a manual close	This is the intended behavior of ReopenIfReceiverClosed=false. Use true only if you specifically want rebuilding; it materially changes risk behavior.
A and B SL/TP prices are different	Normal when ProtectionPriceMode=PROTECTION_RELATIVE_DISTANCE. The Entry-to-protection distance is transferred to B rather than copying the exact price.
Lot size is different from expectation	Check LotMultiplier, Balance Ratio, AccountUnitDivisor, currency conversion, Contract Size correction, B min/step, TargetVolumeRounding and volume caps in that order.
Balance Ratio does not work when A/B currencies differ	Enable balance currency conversion and configure ConversionSymbol/Operation or a valid manual rate.
Entry keeps retrying while price is adverse	Expected when EnableEntryPriceControl or EnableSyncPriceControl is ON. The EA retries according to RetryIntervalMs until the price returns within tolerance.
Synchronization stops after changing A to another account	The ChannelName is bound to the first A login. Use a new ChannelName for a new A account.
Behavior is unstable with the same ChannelName	Check that only one Publisher uses the ChannelName and that the same B account + ChannelName does not have duplicate Receiver instances.
I found internal CSV files	Internal compatibility files named LocalTradeCopier_... can appear in Common Files. Normally do not edit or delete them. Deleting map data while copied trades are open can break the stored relationship.

15. Pre-Operation Checklist

- ☐ A and B run in separate MT5 terminals on the same PC/VPS
- ☐ The FILE_COMMON path shown in the A/B Experts logs is identical
- ☐ B account uses Hedging mode
- ☐ A=Publisher and B=Receiver
- ☐ ChannelName matches on A and B
- ☐ SourceSymbols order matches on A/B and B DestinationSymbols is correct
- ☐ B EnableTrading=true and Algo Trading is enabled
- ☐ SyncExistingOnStartup is intentionally set for first-existing trades
- ☐ You understand and intentionally choose ReopenIfReceiverClosed=false/true
- ☐ Lot sizing and Contract Size correction have been verified on demo
- ☐ SL/TP add, modify and remove behavior has been verified
- ☐ Partial close and full close have been verified
- ☐ If using pending orders, Limit/Stop placement, cancellation and triggering have been verified
- ☐ If price control is enabled, distance values are understood to be price units
- ☐ Experts/Journal shows no persistent errors

16. Manual Specification Verification

- Target source: LocalTradeSyncCopier.mq5 / #property version "1.07".
- Input parameters: all 50 inputs were mechanically extracted from source and rechecked against this manual for name, order and default value.
- Enum choices checked: OperatingMode, LotSizingMode, ConversionOperation, BelowMinimumLotAction, SmallRemainderAction, ProtectionPriceMode and TargetVolumeRounding.
- Key behavior checked in v1.07: FILE_COMMON, same-machine shared Files path, B Hedging requirement, A-login Binding, per-B map separation, ReopenIfReceiverClosed suppression, Stops Level/Freeze Level handling and Strategy Tester Demo behavior.
- Screen examples use v1.07 Publisher/Receiver settings and live USDJPY copy / SL-TP synchronization screenshots.

This manual applies to v1.07. If v1.08 or later changes inputs or behavior, update the manual at the same time to avoid a mismatch between product behavior and documentation.

17. Disclaimer and Use Notes

This product is a utility for synchronizing trading state. It does not guarantee profit, identical execution prices, spreads, latency, or identical outcomes between brokers. Actual order acceptance and SL/TP/pending-order restrictions depend on the B broker trading specifications, liquidity, market conditions and account conditions. Before using real funds, perform sufficient demo testing with the actual brokers, account types, symbols and lot settings you intend to use.

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