
CYNEX

Copier MT5

Installation, workflows and dashboard reference

Connect MetaTrader 5 accounts on one Windows computer or Windows VPS. Send, receive or do both from the same dashboard.

A source can send to many accounts

A receiver can follow many sources

Each receiver chooses its own volume and symbol rules.

Source identities and settings remain separate.

Version 1.0 | 3 October 2026

Before starting: use demo accounts, check symbol names and contract sizes, and begin with a small volume. Keep the terminals running while copying or using virtual protection.

This edition uses local MetaTrader Common Files. It does not connect separate computers over the internet or separate MetaQuotes virtual-hosting instances.

01 / Install and connect

01 Open each MT5 terminal. Choose **File > Open Data Folder**, then open **MQL5 > Experts**. Create a folder named **CynexCopierMT5** and copy **Cynex_Copier_MT5_v1_0.ex5** there.

02 Refresh Expert Advisors in Navigator. Attach Cynex to one chart on each participating account. The chart timeframe does not control copying; all configured account trades can be read.

03 On receivers, enable MT5 **Algo Trading** and the EA Common option **Allow Algo Trading**. Sign in with trading permission. A source may use investor access because it only reads trades.

04 On the source dashboard, open **Connections**. Enter a unique **This source name**, such as Main. Switch **Send account trades** ON. Save.

05 On a receiver, enter **Main** in **Receive from**. Names must match exactly. Open Copy settings to choose volume and broker symbol aliases, then save.

06 On the receiver Overview, confirm the source is connected and permissions are ON. Click **Enable copying**. Place one small demo trade on the source and verify the receiver volume, direction, stops and closure.

Save pauses new copies so you can review the new configuration. Existing copies remain managed. Connections also contains **Enable copying after restart**; leave it OFF for a paused restart, or turn it ON for automatic startup.

Both terminals must use the same Windows user profile and MetaTrader Common Files location. A separate Windows login can have a different Common Files folder.

02 / Choose the connection pattern

Pattern	Source settings	Receiver settings
One to one	A sends as Main	B receives Main
One to many	A sends as Main	B and C each receive Main
Many to one	A sends Alpha; C sends Gamma	B receives Alpha;Gamma
Many to many	Each original source has a unique name	Each receiver lists the sources it needs
Two-way	A sends Alpha and receives Beta	B sends Beta and receives Alpha

Avoid loops and duplicate ownership

Cynex marks its own copied trades and excludes them from sending. Only original trades are published. Run one Cynex manager per trading account; account and source locks prevent two instances from sending conflicting snapshots or managing the same copies.

Choose source profiles

Copy settings starts with Default settings. Click its profile selector to cycle through your configured sources. Save a source profile to override its volume, symbol, filter and management settings. Connection and account-limit settings always apply to the account.

Use default settings removes the selected source overrides and pauses new copies. Save or undo unsaved edits first. This restores inheritance: later changes to Default settings will apply to that source.

Example with different receiver sizes

A source opens 0.10 lots. A receiver with multiplier 2 opens 0.20; another with multiplier 0.5 opens 0.05. If the source reduces to 0.04, the intended receiver volumes become 0.08 and 0.02, subject to broker steps and minimums.

03 / Daily dashboard workflow

Page	What to do
Overview	Check permissions, sending name, incoming sources and connection status. Enable copying or pause new entries.
Connections	Choose sending and receiving, polling, timeout and restart behavior. Use Next to reach all fields on a small chart.
Copy settings	Choose Default settings or a source profile, then click the group selector to reach Volume, Symbols, Filters, Execution, Sync, Protection, Management, After close, Limits and Account limits.
Trades	Review open and pending volume. Toggle history. Close copy asks for a second click; Keep local stops source synchronization; Follow source restores it.
Activity	Read broker and recovery messages, export diagnostics or reset an account limit.
Help	Read the complete setup and operating topics. Long topics split into additional pages when the chart is small.

Edit a field and press Enter or click away, then use **Save and pause new copies**. **Undo changes** discards unsaved edits. Hover over labels or controls for guidance. Expand the chart if MT5 leaves too little room for the dashboard.

You can move and resize the proven panel layout using its existing controls. The standard Inputs window contains only initial connection and presentation options; operational settings are available on the dashboard.

Understand Pause, Keep local and Close

Pause new copies stops opening new exposure while existing copies remain managed. **Keep local** preserves a copy independently of subsequent source changes and closure, with local protection still active. **Close copy** stops synchronization and requests closure of that copy only; failed or delayed broker requests remain visible and are reconciled.

04 / Volume, prices and protection

Volumes are rounded down to the receiver broker step. Below-minimum volumes are skipped, never rounded up automatically. Broker maximums and your optional caps apply. Balance and equity ratios with different account currencies require an explicit conversion rate.

Method	Calculation before rounding and caps
Same lots / Multiplier	Source lots multiplied by Lot multiplier, plus Add lots.
Fixed lots	Fixed lots multiplied by Lot multiplier, plus Add lots.
Balance ratio	Source lots scaled by receiver balance / converted source balance, then multiplier and addition.
Equity ratio	The same capital ratio using account equity.
Stop loss risk	Estimate the loss at a valid stop with broker profit calculation, then size from the risk percentage.
Lots per capital	Receiver equity / Capital per 0.01 lot x 0.01, then multiplier and addition.

Use exact aliases such as **EURUSD=EURUSDm;GOLD=XAUUSDm** when names differ. Prefix and suffix controls are an alternative. Points refer to the symbol point size; a point is not always a pip. Compare contract sizes and price units across brokers.

Pending orders can be copied before they fill. Disable Copy pending orders to wait for source activation. Market trades can instead become limit or stop orders. Reverse copying flips direction and protection distances. Invalid stops or orders are reported; protection is not silently removed to force an entry.

05 / Netting, recovery and limits

Hedging and netting

Hedging accounts hold individual positions. Netting accounts combine a symbol into one broker position; Cynex maintains a separate contribution for each source. Opposing contributions can leave the broker position flat. Closing one contribution can expose the remaining contribution in the opposite direction.

Netting protection is virtual: separate source stops, targets, break-even and trailing require Cynex, MT5 and its broker connection to remain running. There is no individual broker stop for each contribution. Keep other strategies off copier-managed netting symbols so ownership remains clear.

Connection loss and restarts

Missing, old, incomplete or corrupt source updates retain existing copies. They are not treated as source closures. Trade identities are saved before requests, then reconciled against positions, pending orders and broker history. Unknown execution outcomes wait for confirmation rather than blindly repeating a trade.

A source name remains associated with its original account. Use a new name after changing the sending account. Do not delete saved records while copies or pending requests exist. Moving a receiver to a different computer needs a controlled migration, not a fresh untracked installation over existing copies.

Account limits

Optional loss and profit limits use today's realized copied result, fees and current floating result, including manual closes of owned positions. Equity drawdown uses the whole account. Broker-day rollover clears the daily baseline. Reset account limit starts from the current result and equity and leaves new entries paused until enabled.

Closing on a limit affects Cynex copies, including copies kept locally. A broker disconnection, market closure or refusal can delay closure. Limits, protection and copied prices cannot guarantee a trading outcome.

06 / Troubleshooting and a first test

Message or symptom	Check
Waiting for source	The source terminal is running, sending is ON and the exact name is in Receive from. Confirm both use the same Common Files directory.
Source name already in use	Choose a unique source name or remove the duplicate sender for that account.
Source disconnected or expired	Restore its terminal or broker connection. Existing copies are deliberately retained.
No new positions	Check Algo Trading, EA permission, receiver trading access, market hours, symbol aliases, volume minimums and active filters.
Awaiting broker confirmation	Inspect account positions, orders and history. Keep the EA running. Do not delete the ledger or repeatedly recreate the copy.
Saved records need repair	Keep the files and export diagnostics. Restore a known-good record with an account/trade reconciliation before enabling again.
Netting symbol contains another strategy	Separate symbols or accounts. Do not force competing strategies to share one broker net position.

Demo acceptance sequence

- 01** Open a small source buy; verify direction, volume, symbol and stop distances on every receiver.
- 02** Modify its stop and target, reduce its volume, then close it. Confirm each receiver follows according to its saved rules.
- 03** Place and cancel a pending order. Test its activation separately if you use pending copying.
- 04** Close a receiver copy manually and confirm your Reopen setting. Test Keep local and Close copy.
- 05** Pause entries, restart a receiver, and reconnect a source. Confirm no duplicate positions and the intended restart setting.

The bundled engineering evidence separates historical Strategy Tester execution from connected demo checks. Do not treat a connected empty account as proof of an open-market broker fill.

Reference / Connection

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
This source name Default: Main account	Give every sending account a different name. Receivers use this name.
Send account trades Default: OFF	Publish this account's original trades to local MT5 terminals.
Receive from Default: Empty	Source names separated by semicolons. No subscription or connection count limit.
Check every (milliseconds) Default: 250	Minimum 50 ms. Broker processing time also affects delivery.
Connection timeout (seconds) Default: 15	Keep existing copies when a source stops updating. Never treat disconnection as a close.
Enable copying after restart Default: OFF	ON allows new copies automatically after this EA restarts. OFF starts with new copies paused.

Account-wide settings; these do not vary by source profile.

Reference / Volume

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Lot size method Default: Same lots	Select how to calculate the opening volume for each new trade. Options: Same lots, Fixed lots, Multiplier, Balance ratio, Equity ratio, Stop loss risk, Lots per capital.
Fixed lots Default: 0.01	Used only by Fixed lots.
Lot multiplier Default: 1	Applies to every sizing method.
Add lots Default: 0	Optional addition after scaling. Partial closes still follow the original copy ratio.
Risk per trade (%) Default: 1	Stop loss risk requires a valid stop. Estimates exclude gaps, fees and slippage.
Capital per 0.01 lot Default: 1000	Lots per capital uses receiver equity divided by this amount, times 0.01.
Source currency to receiver rate Default: 1	Balance/equity ratio with different currencies requires an explicit conversion rate and confirmation below.
Use explicit currency conversion Default: OFF	Only enable after entering the correct receiver-currency value of one source-currency unit.
Minimum copy lots (0 = broker) Default: 0	Below minimum skips a trade; it never silently increases risk.
Maximum copy lots (0 = broker) Default: 0	A broker volume limit always applies. Optional smaller cap.

Reference / Symbols

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Symbol aliases Default: Empty	Example: EURUSD=EURUSDm;GOLD=XAUUSDm. Exact mapping has priority.
Receiver symbol prefix Default: Empty	Added to source names after removing the source suffix.
Remove source suffix Default: Empty	Example: .a. Removed only at the end of the source name.
Receiver symbol suffix Default: Empty	Example: m. Empty keeps the original name.
Only these symbols Default: Empty	Optional source symbol names separated by semicolons.
Exclude these symbols Default: Empty	Source symbol names separated by semicolons.

Reference / Filters

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Source magic numbers Default: Empty	Optional EA identifiers separated by semicolons. 0 includes manual trades. Empty accepts all.
Source comment contains Default: Empty	Optional case-sensitive text filter for new copies.
Source minimum lots Default: 0	0 disables this filter.
Source maximum lots Default: 0	0 disables this filter.
Source profit filter Default: All trades	Applied before opening a new copy; does not abandon an existing copy. Options: All trades, Profitable, Losing.
Profit/loss threshold (points) Default: 0	Source-price movement threshold, measured using the source symbol point.
Copy only trades opened after connecting Default: OFF	The first valid source snapshot becomes a persistent starting point.

Reference / Execution

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Copy market positions Default: ON	Copy buys and sells, including pending orders once they fill.
Copy pending orders Default: ON	Copy limit, stop and stop-limit orders before they fill.
Reverse buy and sell Default: OFF	Reverse trade direction and protection distances.
Market trades become Default: Market orders	Optional conversion of source positions to receiver pending orders. Options: Market orders, Limit orders, Stop orders.
Converted order distance (points) Default: 100	Distance from the receiver's current quote.
Opening delay (seconds) Default: 0	Wait after first seeing a source trade; changes/closures remain responsive.
Maximum entry age (seconds, 0 = off) Default: 0	Avoid late entries. Does not prevent managing already copied trades.
Maximum spread (points, 0 = off) Default: 0	Block new entries while the spread is above this value.
Allowed slippage (points) Default: 20	Broker execution mode determines how this is applied.
Maximum entry price difference (points) Default: 0	0 disables. Compare receiver quote to source price before opening.
Pending order lifetime (minutes) Default: 0	0 follows source expiration or uses the broker's supported default.

Reference / Sync

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Close when source closes Default: ON	Turn off to keep and manage the copy independently after source closure.
Delete when source cancels pending Default: ON	Only orders owned by this copier are affected.
Follow partial closes Default: ON	Reduce copies proportionally, with broker volume-step rounding.
Reopen manually closed copies Default: OFF	Off remembers your local closure across restarts.

Reference / Protection

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Protection price method Default: Distance from entry	Distance adapts stops to the receiver entry. Absolute preserves source prices. Options: Distance from entry, Absolute price.
Follow source stop loss Default: ON	Stops must meet broker minimum distance and tick size.
Follow source take profit Default: ON	A receiver trailing stop will never be loosened by synchronization.
Custom stop loss (points) Default: 0	0 uses the source setting. Positive value overrides the source distance.
Custom take profit (points) Default: 0	0 uses the source setting.
Extra stop loss distance (points) Default: 0	Additional receiver points when source protection is copied.
Extra take profit distance (points) Default: 0	Additional receiver points when source protection is copied.

Reference / Management

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Break-even after profit (points) Default: 0	0 disables. Works only on this copier's positions.
Break-even locked profit (points) Default: 0	Distance beyond the entry when break-even activates.
Start trailing after profit (points) Default: 0	0 disables trailing. Uses receiver price movement.
Trailing distance (points) Default: 100	Distance behind current receiver price.
Trailing step (points) Default: 10	Minimum improvement before moving the stop again.

Reference / After close

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
After source closes: stop loss points Default: 0	Used when Close when source closes is OFF. 0 keeps the current stop.
After source closes: take profit points Default: 0	0 keeps the current target.
After source closes: break-even trigger Default: 0	0 keeps the regular management setting.
After source closes: trailing trigger Default: 0	0 keeps the regular management setting.

Reference / Limits

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Maximum positions (0 = off) Default: 0	Optional per-source count of copied market trades.
Maximum pending orders (0 = off) Default: 0	Optional per-source count.
Maximum trades per symbol (0 = off) Default: 0	Counts positions and pending orders for the source.
Maximum symbols (0 = off) Default: 0	Optional number of different symbols copied from a source.

Reference / Account limits

Settings apply to the selected source profile unless marked as account-wide. Zero disables optional limits where stated.

Dashboard setting / default	Purpose
Daily copied loss limit (money) Default: 0	0 disables. Realized plus floating copier result in account currency, across all sources.
Daily copied profit target (money) Default: 0	0 disables. Reaching a target pauses entries until the next broker day or manual reset.
Equity drawdown limit (%) Default: 0	From the highest equity observed today or since the last manual reset. 0 disables.
Close copied trades when a limit is hit Default: OFF	Applies only to owned positions and orders. Disconnected sources cannot reopen them until reset.

Account-wide settings; these do not vary by source profile.