TraderXsoft

JTrader Copier

User Manual

JTraderCopier_Master.ex5 and **JTraderCopier_Slave.ex5** - version 2.00

Copies your trades to your other accounts on the same machine

Platform: MetaTrader 5

October 2026

Trading involves risk. The copier repeats what you do on one account on your other accounts; it does not make the trades any better, and a bad trade is copied as faithfully as a good one. Test with demo accounts until its behaviour holds no surprises.

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1. What JTrader Copier is

Two expert advisors. The **master** runs on the account you trade. A **slave** runs on each account that should follow. When you open, close, part-close or move the stop on the master account, every slave does the same on its own account, sized for that account.

They talk through MetaTrader's common files folder, which every MetaTrader 5 terminal on the machine can see. There is no server, no port to open and nothing online to keep running. The price of that is a short delay: a copy normally lands a fraction of a second after the master's trade. It is a position copier, not a tool for speed trading.

The buyer it is built for runs several accounts at once: a funded account and its backup, a personal live account, a demo for testing. You trade one chart; the others keep up.

1.1 Design rules

In order of priority:

1. **A slave never invents a trade.** Everything it does traces back to something the master did, to a command you sent from the master panel, or to that slave's own rules.
2. **Slaves are independent.** One account rejecting a copy or hitting its loss limit does not stop the others.
3. **Silence is safe.** If a slave loses the link to the master, it stops opening new copies and leaves the ones it holds alone, with their stops in place. It never closes a trade because the master went quiet.
4. **Every rejection is visible.** A copy that did not happen is logged with the reason on the slave's panel, and counted on the master's.

1.2 What it will not do

- **No copying to other people's accounts.** It is a personal multi-account tool. Running trades on someone else's account is regulated in most countries and is not what this product is for.
- **No copying between machines.** Master and slaves must run on the same computer or the same VPS, under the same Windows user, because that is where the common files folder is shared.
- **No reverse copy.** A slave always trades in the same direction as the master.
- **No trades of its own.** The master places nothing except the closes and breakeven moves you ask for on its own account from its panel.

> **Prop firm rules.** Most prop firms restrict copying trades between accounts, including between your own accounts. Some forbid it outright; others limit it to accounts with the same firm. Checking your firm's rules before you copy onto a funded or challenge account is your responsibility, not the tool's.

1.3 The parts

File	Where it runs	Job
JTraderCopier_Master.ex5	The account you trade	Watches the positions and pending orders and writes each change to the channel. Shows which slaves are following and lets you send them commands.
JTraderCopier_Slave.ex5	Each account that follows	Reads the channel, sizes each trade for this account, applies this account's filters and rules, places and manages the copy.

A **channel** is a name that ties a master to its slaves. The default is `main`. Two masters on the same machine need two channel names, so their slaves do not cross.

2. Installation and licence

2.1 Install

1. In each MetaTrader 5 terminal you will use, open **File > Open Data Folder**.
2. Copy `JTraderCopier_Master.ex5` and `JTraderCopier_Slave.ex5` into `MQL5\Experts`. If you compile from source, the three `JTCopier...mqh` files go beside them in `MQL5\Experts`, and `JTLicense.mqh` and `JTContext.mqh` go in `MQL5\Include`.
3. Restart MetaTrader, or right-click the Navigator and choose **Refresh**.
4. When you attach either EA, tick **Allow Algo Trading** in its settings, and switch on **Algo Trading** on the toolbar. The master needs it for the close and breakeven buttons; a slave needs it for everything.
5. For the licence: **Tools > Options > Expert Advisors**, tick **Allow WebRequest for listed URL** and add `https://app.traderxsoft.com/check`. Your key checks in there; without it a licensed live account will not start. Demo accounts do not need it; a free trial from the site is a key like any other.

Every terminal must be installed on the same machine and run under the same Windows user. The channel files live in the common folder, `Terminal\Common\Files\JTraderCopier\<channel>`, which the EAs create themselves.

2.2 Licence

The licence is **anchored to the master account**, under the product code **JTC**. You buy one key, for the account the master runs on, and the number of slaves is unlimited.

- On the master, paste the key into **Licence key**.
- On every slave, paste **the same key**: the master account's key, not a key of its own. The slave checks the key against the master's account number and only records its own.
- A slave reads the master's account number from the channel, so the master should be running when you first start a slave. If it is not, set **Master account number the key belongs to** on the slave.

The Licence input group also holds **Demo accounts run without a key** (on by default, so demo accounts need no key); a live account always needs a key. With a key, the licence checks in with the TraderXsoft server at `https://app.traderxsoft.com/check` at start and every few minutes; this is built in, and MT5 only needs that URL allowed under WebRequest. If the server cannot be reached, a licence that checked in during the last 3 days keeps working. Add the URL to the WebRequest list in every terminal, master and slaves (section 2.1). The panel title turns orange on a demo account without a key; hover it for the licence status.

The licence is checked at start and again every five minutes. Unlicensed, either EA loads but does nothing: the master publishes nothing and a slave copies nothing. The reason is printed on the chart.

On a slave it adds: *Use the licence key of the MASTER account, and set its number if the master is not running yet.*

> **Update notices come from TraderXsoft, not from MetaTrader.** When a newer build of the copier is out, a flashing amber and red badge appears at the top of the chart, for example ▲ *JTrader Copier update: 1.02 (you have 1.01)*, with *required* when the update matters. It arrives with the licence check: MetaTrader itself has nothing to update, and the MetaTrader update button will not install it. Download the new file from `app.traderxsoft.com/downloads`, copy it over the old one in the same `MQL5` folder (**File > Open Data Folder**), then remove the program from the chart and attach it again. Click the badge to hide it for a day; it comes back the next day while the update is still waiting, and at once for a newer version.

3. Quick start

1. **Master.** In the terminal logged into the account you trade, attach **JTraderCopier_Master** to any chart. Leave the channel at `main`. The panel header reads **MASTER** and your account number, with a green **LIVE** pill, and the status card says *Waiting for a slave*.
2. **Slaves.** In each follower terminal, attach **JTraderCopier_Slave** to a chart. Paste the master's licence key. Set the channel to the same name as the master, or to `auto`, which picks the one live master on the machine.
3. **Sizing.** On each slave's **Sizing** page, pick the mode and value (section 5.3). The default is **Risk percent** at 0.5% of that account, sized from the master's stop.
4. **Rules.** If the slave is a prop account, set its limits on the **Rules** page, or choose a rule set in the inputs (section 5.5).
5. **Check.** On the master's **Slaves** page each slave now appears, reading *in step*. Click a slave's row, open **Commands**, then **Test copy**. On a demo slave this opens and closes the minimum lot; the result shows under the buttons.
6. **Trade.** Trade the master account as you normally do, by hand, from the phone, or with JTraderX or JTechnicalX. Each slave's status card shows how long the last copy took; its Link page shows the copy and how far its fill was from the master's.

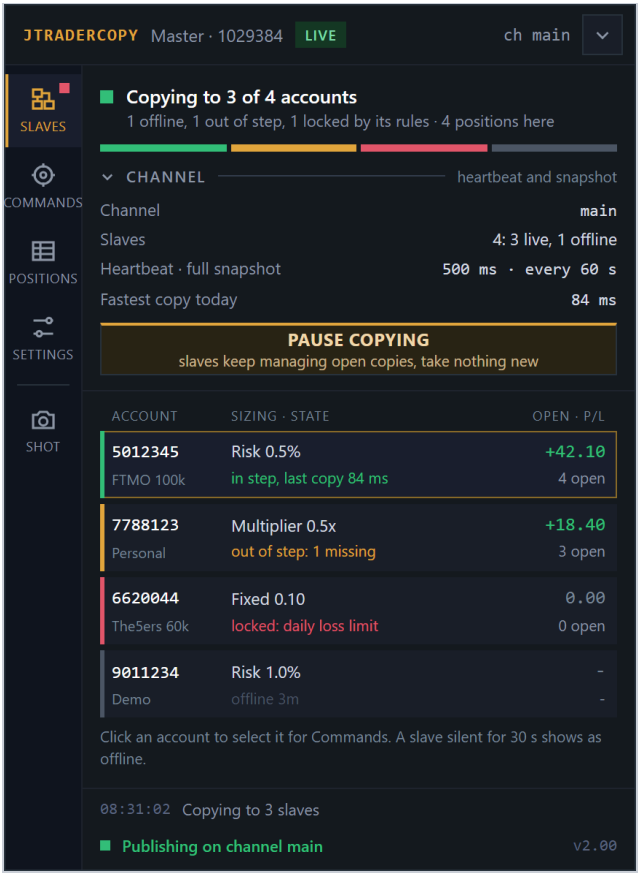
> **Attach the slave to a chart of a symbol you trade.** A slave works out its broker's symbol decoration (a suffix like *.a* or *m*) from the chart it sits on, so an EURUSD chart at a broker that names it *EURUSD.a* teaches it that suffix.

> **Channel "auto".** Only a slave understands it. At start the slave looks for channels whose master has written a heartbeat in the last 30 seconds. If there is exactly one, it follows that; otherwise it falls back to `main` and prints how many it found. It chooses once, when it starts.

4. The master panel

The same layout as JTraderX 3.00 and the JTechnical Tool 3.00: a header you drag the panel by; a **side rail** down the left with one button per page; a status card that stays on every page; the page; then a message line and the footer. Every button has a tooltip.

> **About the pictures.** They are taken from the panels' design and can differ in small details, such as sample figures and the odd label, from the panel on your chart.



The master panel on the Slaves page, one slave selected.

4.1 Header

Item	Meaning
JTRADERCOPY	Title, in gold, or orange on a demo account without a key. Hover it for the licence status
MASTER · account	This account's number
Pill	**LIVE** in green while publishing; **PAUSED** in gold while copying is paused

If the panel would sit off the chart, for example after the chart window was made smaller, it moves back until its header is in view.

4.2 The side rail

Button	Opens
Slaves	The accounts following this one (4.4). A small square in its corner is red while a slave is offline or locked, gold while one is out of step
Commands	Close, protect or change a slave, every slave, or this account (4.5)
Positions	What this account is publishing, and how many copies each slave holds (4.7)
Settings	What the master publishes, and Diagnostics (4.8)
Shot	Saves a picture of the chart to `MQL5\Files\JTraderCopier`. The message line gives the file name

4.3 The status card

A coloured dot and a headline say how things stand, with one line of detail under it. The first that applies is shown:

Headline	Meaning
Copying paused	You pressed **Pause copying**. Slaves hold new copies and keep managing what they have
Waiting for a slave	No slave has checked in on this channel. The line under it names the channel
Copying to N of M accounts	A slave has not reported for longer than **A slave silent this long is shown as offline** (30 seconds by default): its terminal is closed or its EA is off. The line under it counts the offline ones
N accounts locked by its rules	A slave's own rules have stopped it taking new copies. The others carry on
N accounts out of step	A slave holds something different from the master; open that slave's panel to repair it (section 5.9)
Copying to N accounts, all in step	Everything is as it should be. The line under it counts the positions here and names the channel

Under the headline, a strip with one segment per slave (up to twelve), each in its slave's colour from the table in 4.4.

Channel is a fold: click its heading to open or close it. Its heading shows the channel and the event sequence number. Open, it lists the channel, the heartbeat, how often a full snapshot goes out and how long ago the last one did, the sequence and log generation, and how many positions and pending orders are being published. It starts closed on Commands and open on the other pages.

The wide **PAUSE COPYING** button, on every page, pauses every slave on the channel at once; it then reads **RESUME COPYING**. While paused, slaves take no new copies (each one is logged as *copying paused by the master*) but still follow closes, partial closes and stop moves on what they already hold. The pause survives a restart of the master.

4.4 Slaves

One row per slave that has checked in, up to eight, under the columns **ACCOUNT**, **SIZING**, **OPEN** and **P/L NOW**:

- The **account number**, and under it the slave's state.
- **SIZING**: the slave's mode and value, such as *Risk percent 0.50%*.
- **OPEN**: how many copies it holds.
- **P/L NOW**: the floating result of those copies in that account's currency, or *flat*. Under it, in red, *N rejected today* when the slave has refused any copies today.

The strip at the left edge and the state line are coloured:

State line	Colour	Meaning
in step, last copy N ms	Green	Following. The figure is how long the last copy took from the master's trade to the slave's fill
in step	Green	Following, nothing copied yet
N missing, N extra	Gold	Out of step with the master (section 5.9)
locked: reason	Red	The slave's rules, you, or the master have stopped it taking new copies. The reason is one of those in section 5.5
offline Ns	Grey	Silent for that many seconds. After an hour only *offline* is shown

While copying is paused, the rows of slaves that are following turn gold.

Click a row to select that slave for the Commands page; click it again to deselect. A line under the list confirms the selection. A slave that has been silent for more than a day shows **Remove this account from the list** when selected. It deletes that slave's status file from the channel; if the slave starts again it reappears.

4.5 Commands

Send to chooses who the commands go to: the **selected** slave (its number shows on the button) or **Every slave** on the channel. With neither a selection nor Every slave, the buttons are greyed and the page says to select an account on the Slaves page.

Commands act only on what each slave copied: its other trades, the ones you opened by hand, or another EA's, are never touched.

Button	What it does
Close all	Closes every copy. Click twice
Close 50% / Close 25%	Closes that share of each copy, rounded down to the broker's lot step. Click twice
SL to BE	Moves each copy's stop to that copy's own entry price, which is not the master's entry. Click twice

For the **selected** slave only, a second row:

Button	What it does
Lock / Unlock	Stops the slave taking new copies, or lets it copy again. A lock from the master stays through the day roll until it is unlocked, from here or on the slave. Unlock here cannot clear a maximum-loss or target lock: that is reset on the slave itself
Size − / Size +	Moves the slave's size setting one step: 0.05 on a multiplier or a risk percentage, 0.01 lots in fixed-lot mode
Test copy	Checks the whole path to that slave on this chart's symbol (4.6). The result shows under the buttons

A two-click button reads *Click again* after the first click, and the message line says *click again to confirm*. Pressing any other button, or changing page, cancels it.

This account

Under the slave commands, the same four buttons for the master account's own trades: **Close all**, **Close 50%**, **Close 25%** and **SL to BE**, each on a second click. They act on the positions the master publishes (so its filters apply). The heading's note shows how many are open here and their floating result, or *flat*. No command is sent to the slaves: they follow the close or the stop move as they follow any other trade, each by its own share.

4.6 Test copy

The slave looks up this chart's symbol at its broker and checks that Algo Trading is on. Then:

- On a **demo** slave it buys the minimum lot and closes it straight away, and reports the time taken: *ok: EURUSD opened and closed 0.01 in 180 ms*.
- On a **live** slave it trades nothing: *ok: EURUSD matched, trading allowed (live account: nothing traded)*.
- If something is wrong: *failed: XYZ has no match here*, *failed: Algo Trading is off here*, or the broker's reason.

The result shows as **test:** under the buttons, green if it starts *ok*, red otherwise. The test is not a copy: it has no stop and is not linked to any master trade.

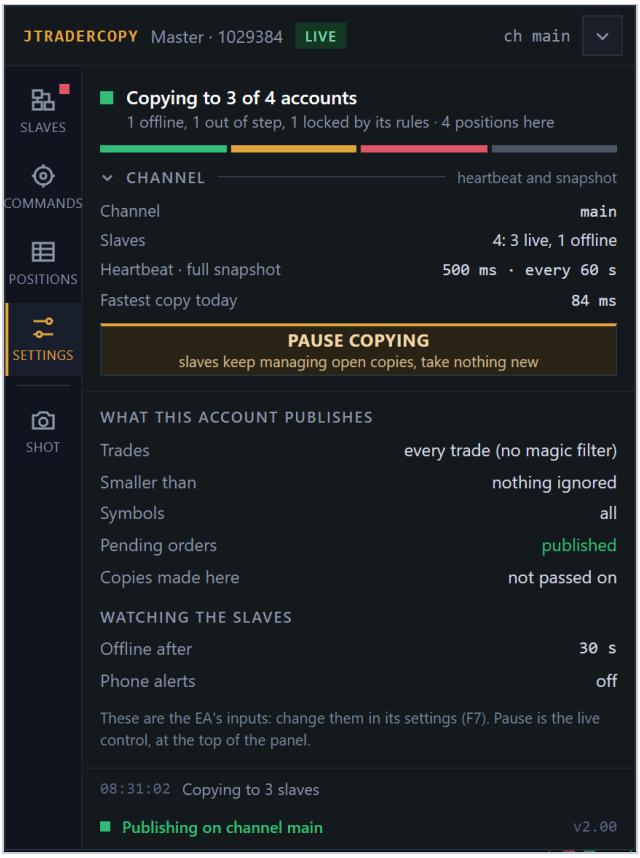
4.7 Positions

Published from this account lists the positions the master is publishing, up to ten, with side, symbol, lots and floating result, and the count of pending orders in the heading. **On the slaves** lists each slave with its state and how many copies it holds against the positions here, such as *4 of 4*. A slave that is offline catches up when it comes back.

4.8 Settings

What the master publishes, read from its inputs: the channel, the magic filter, the smallest trade, pending orders, the symbol list, whether copies made on this account are published again, the offline time, whether it starts paused, and phone alerts. Change them in the EA's settings (F7).

Diagnostics writes the licence, the channel and every slave's state to a file in `MQL5\Files`, for a support ticket. The message line names the file.



The Settings page.

4.9 Message line and footer

The **message line** shows the last thing the master said, in gold. At rest it reads *Publishing every change the moment MT5 reports it.* The **footer** sums up the slaves, such as *3 of 4 in step*, in the status colour, with the build number.

4.10 What the master publishes

By default, every position and pending order on the account, whichever EA or phone opened it. Narrow it with the inputs under **What to publish**: one magic number only, a minimum volume, a list of symbols, and whether pending orders are published at all. A trade the master does not publish is invisible to the slaves.

The master publishes the moment MetaTrader reports a trade, and checks again on every heartbeat (500 ms by default). It also sends a full snapshot of its open positions when it starts, whenever the number of positions changes, and every 60 seconds; slaves use it for the out-of-step check.

5. The slave panel

The same layout as the master: a header you drag the panel by, a side rail, a status card on every page, the page, a message line and the footer. The position is remembered for the account, and the panel moves back onto the chart if that position would put it outside it.

5.1 Header and side rail

Pill	Meaning
COPYING	Green. Linked to the master and taking copies
NO LINK	Gold. The master's heartbeat is older than **Heartbeat older than this = link stale** (20 seconds by default)
HELD	Gold. The master has paused copying
WEEKEND	Gold. The Friday close has run and copying waits for Monday
LOCKED	Red. This account's rules are on and a lock is set

The title and the **SLAVE · account** line work as on the master.

Rail button	Opens
Link	The link to the master, the last copy, and today's rejections (5.10). Its corner square is red with no link, gold out of step
Sizing	How this account sizes a copy (5.3)
Rules	This account's rules (5.5). Its corner square is red while locked
Copies	What this slave copied, and the button that closes it all (5.11)
Filters	What is copied and when (5.6), and Diagnostics
Shot	Saves a picture of the chart to `MQL5\Files\JTraderCopier`

5.2 The status card

Headline	Meaning
Locked: reason	No new copies. The line under it says whether the lock clears at the day roll (and in how long) or needs you to reset it
Holding for the weekend	Copies were closed on Friday; copying resumes on Monday
This account is the master	The slave is on the master's own account and copies nothing
No master on channel 'name'	Nothing has been heard on this channel. If other channels have a live master, the line under it lists them: *Live channels:* ...

Headline	Meaning
No link to account for Ns	The master's heartbeat stopped. *Holding: open copies keep their stops, nothing new is taken.*
Held by the master	Copying is paused on the master; open copies are managed
Out of step: N missing, N extra	This account holds something different from the master. Two repair buttons appear under the headline (section 5.9)
Copying account, in step	All well. The line under it counts the copies open here and how long the last copy took

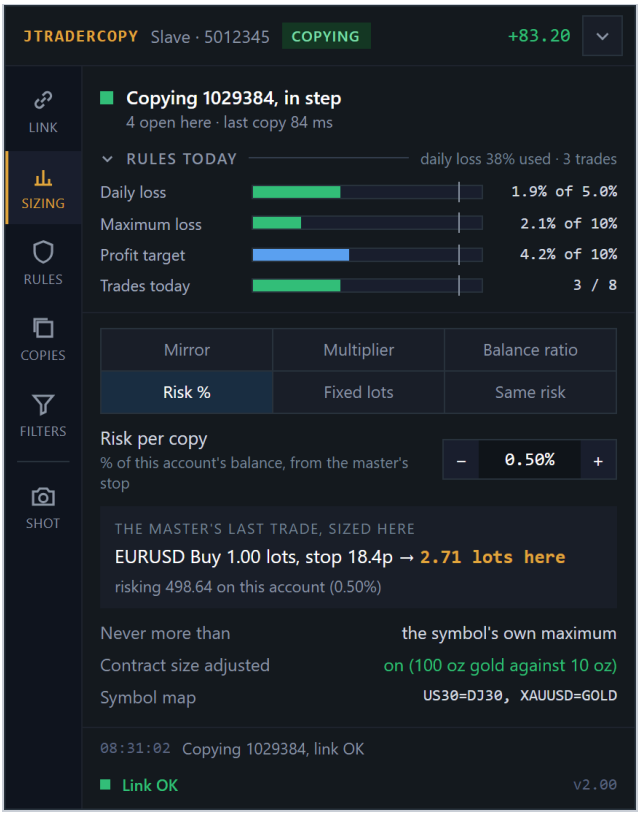
The link age is measured on the computer's own clock, which every terminal on the machine shares, so brokers in different time zones do not make a live link look dead.

Rules today is a fold under the headline: click its heading to open or close it. Closed, its heading still shows the summary, such as *daily loss 38% used · 3 trades*, or *LOCKED* and the reason. Open, it has four bars, each with a mark at 90%:

Bar	Shows
Daily loss	Today's loss against the daily limit, in account currency. Gold from 70%, red from 90%
Maximum loss (Max loss (trails) when it trails)	How much of the maximum loss is used, and how much is left above the floor
Profit target	How far along the target you are, in percent
Trades today	Copies opened today, against the cap

A bar reads *off* when its rule is off. The fold starts closed on the Rules page, which has the full figures, and open on the others.

5.3 Sizing



The Sizing page.

Six buttons, in two rows, pick the mode. For Multiplier, Risk percent and Fixed lots a stepper appears under them, with a line saying what the mode does. A box under it works an **example** on the chart's own symbol: what a 1.00-lot trade on the master with a 20-pip stop would be here, and, where the stop's value is known, what it would risk on this account. For Balance ratio and Same risk as master the size depends on the master's account, so the box says it is worked out per trade. Then the cap (**Never more than**), contract-size adjustment, the symbol map and the suffix, read from the inputs.

The panel's mode and value are kept for this account and survive a restart. Changing a sizing input makes the inputs take over again.

Mode	Slave volume	Value stepper
Mirror	The master's lots, adjusted for contract size	none
Multiplier	The master's lots × the multiplier, adjusted for contract size	0.05 steps, from 0.01
Balance ratio	The master's lots × (this balance ÷ the master's balance), adjusted for contract size	none
Risk percent	Sized so the master's stop risks this percentage of this account's balance	0.05% steps, from 0.05%

Mode	Slave volume	Value stepper
Fixed lots	The same lots on every copy	0.01 steps, from 0.01
Same risk as master	Risks the same percentage of this account that the master's stop risked of the master's balance	none

Risk percent, worked out on this account's symbol:

```
stop distance = |master entry − master stop|
money at risk = this balance × risk% ÷ 100
lots = money at risk ÷ (stop distance ÷ tick size × tick value)
```

For example: balance 50,000, risk 0.5%, so 250 at risk. The master buys EURUSD with a 15-pip stop; at 10 per pip per lot the stop costs 150 a lot, so the copy is 250 ÷ 150 = 1.66 lots.

Same risk as master uses the same formula with the master's own percentage, which the master works out for every trade from its balance and its stop.

No stop on the master. Risk percent and Same risk as master cannot be worked out without a stop, so the slave sizes that copy by **Balance ratio** instead and says so: *copied … (no stop on the master: sized by balance)*. To refuse such trades instead, switch on **Skip a trade the master opened without a stop**.

Contract size and currency

- **Contract size.** If the same instrument has a different contract size at the two brokers (100 oz gold against 10 oz, say), Mirror, Multiplier and Balance ratio scale the lots by master contract ÷ slave contract, so the exposure matches. Switch off **Adjust for a different contract size** to copy lots as they are. Risk percent needs no adjustment: it is priced on this account's own symbol.
- **Account currency.** For Balance ratio, the master's balance is converted into this account's currency through an FX symbol this terminal offers. If there is none, the two balances are compared as they stand.

Rounding and limits

- The size is always **rounded down** to the symbol's lot step, never up into more risk than asked for.
- **Never exceed this** caps every copy; 0 leaves only the symbol's own maximum.
- If the result is under the symbol's minimum lot, the copy is **rejected** as *below-min-lot*. It is not rounded up to the minimum.
- Before sending, the slave checks the margin. Short of it, the copy is rejected with what it needs, what is free and what size would fit.

5.4 Matching symbols

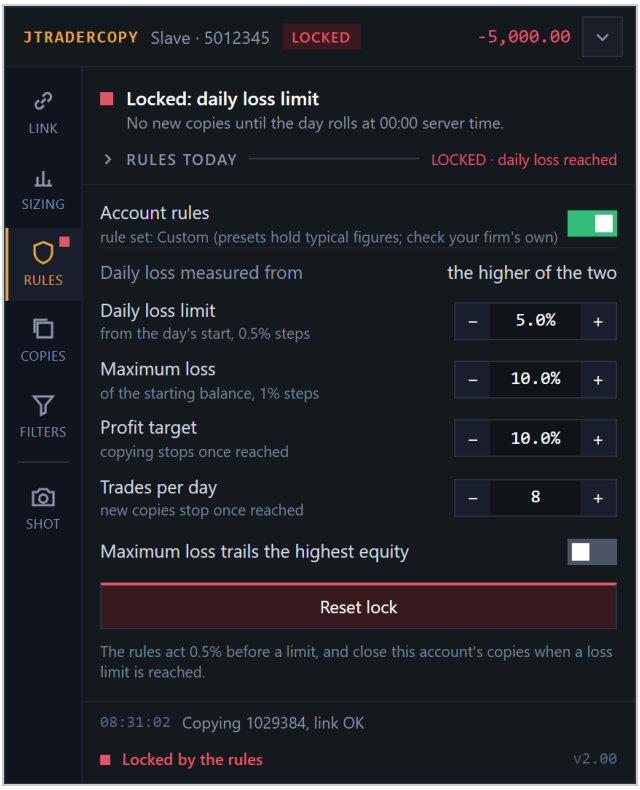
Brokers name the same instrument differently: *EURUSD*, *EURUSD.a*, *m.EURUSD*, *US30* against *DJ30*. For each master symbol the slave tries, in this order, and remembers the answer:

1. **Your map**: **Master=slave pairs**, such as `US30=DJ30,XAUUSD=GOLD`.
2. **The same name**, if this broker has it.
3. **The same name with this broker's prefix and suffix**, taken from the chart the slave sits on, or from **Suffix to add** if you set it.
4. **The same pair of currencies** (FX and metals), choosing the shortest matching name.
5. **Built-in aliases** for common instruments: gold, silver, the Dow, Nasdaq, S&P 500, DAX, FTSE, Nikkei, WTI and Brent oil, Bitcoin and Ether, under their usual broker names (GOLD, XAU, DJ30, WS30, USTEC, NAS100, SPX500, DE40, UK100, JP225, XTIUSD, BRENT, BTCUSD and so on). The name here must be the alias itself, give or take this broker's decoration (*US500.cash*, *US500m*, the chart's suffix); a name that merely starts with one, such as *ESP35* for *ES*, is never taken.

A symbol only counts if it can be traded here. When the answer differs from the master's name, the Experts tab says so, such as *US30 is DJ30 here*. With no match, the copy is rejected as *symbol-unmapped (add it to the symbol map)*.

5.5 Account rules

Each slave carries its own rules, so one prop account's breach does not become three. They live on the **Rules** page; how much of each is used today shows in the **Rules today** fold (5.2). The switch on the first row turns the rules on or off; off, the row reads *Rules are off: nothing limits this account* in red. Under it, a line says whether the limits started from a rule set in the inputs.



The Rules page, locked by the daily loss limit.

Under the four steppers, the page lists what the daily loss is measured from, whether losses count across the whole account or only the copies, the day's starting level and when the day rolls, and the trading days with the best day's share of the profit (in red when it is over your consistency limit). Then the lock button, a line saying how early the rules act, and, on a demo account with the test buttons on, the Testing section.

The limits, on the panel

Four steppers change the limits live. They are remembered for this account; if you later change any of those inputs or the rule set, the inputs take over again.

Stepper	Step
Daily loss limit	0.5%, up to 50%
Maximum loss (reads *Maximum loss (trailing)* when it trails)	1% of the starting balance, up to 100%
Profit target	1%, up to 500%
Trades per day	1, up to 500

Each reads *off* at zero. Turning off, or loosening, the limit that caused a lock lifts that lock; the next check sets it again if it still applies.

How each rule is measured

- **Daily loss.** By default on **equity across the whole account**, open trades included, as prop firms count it: the loss is the day's starting level minus equity now. The starting level is set by **Daily loss measured from**: the day's starting balance, starting equity, or whichever was higher (the default). The limit is that percentage of the starting level. Set **Count losses across** to *Only what this copier did* to count only the copies' closed results (with commission, swap and fees) and their floating result.
- **Maximum loss.** A floor at the starting balance minus that percentage of it. With **Maximum loss trails the highest equity** on, the floor follows the highest equity reached, but never rises above the starting balance. The starting balance is the one in **Starting balance for max loss and target**, or the balance when the slave was first attached.
- **Profit target.** Equity at the starting balance plus that percentage.
- **Trades per day** and **Open positions at once** (input only) count this copier's trades.

The rules are checked continuously, not only when a copy arrives: an open loser can breach a limit without the master doing anything.

What happens at a limit

Lock	What happens	Clears
daily loss limit	No new copies. With **Close the copies when a loss limit is reached** on (the default), every copy is closed too	At the day roll
maximum loss	As above	Only when you reset it
target reached	No new copies. The copies are closed only if **Close the copies when the target is reached** is on	Only when you reset it
trade cap	No new copies; open ones are left alone	At the day roll
locked by hand	No new copies	When you unlock it, or at the day roll
locked from the master	No new copies	When it is unlocked from the master or here

Act this many % before a limit (0.5% of the starting balance by default) makes the daily and maximum-loss rules act that much early, so slippage on the closing trades does not carry you through the real limit.

A slave closes only what it copied. Anything else on the account, yours or another EA's, still counts toward an account-wide loss but is never closed by the copier.

The lock button

Lock now stops new copies by hand. While a lock is set it reads **Unlock**; for a maximum-loss or target lock it reads **Reset lock** and needs a second click (*Click again to reset*), because those locks protect a whole account's status. **Diagnostics**, which writes this account's setup, copies and recent rejections to `MQL5\Files` for a support ticket, is on the Filters page.

The day, trading days and consistency

The **Day starts at** row, such as *50120 USD, rolls in 5h12m*, gives the level the daily loss is measured from and when the day next rolls. The day rolls at **Server hour the day rolls at**, set per slave: many prop firms count the day from 17:00 New York, which is not the broker's midnight, so set it to match your firm. At the roll, today's result and trade count reset, a daily lock clears and the starting level is taken again.

The next row counts **Trading days** (days on which the slave opened a copy) and the **best day**'s share of the total profit, from a day file kept per account. Set **Warn when the best day exceeds this %** to your firm's consistency rule and the line turns red with *(over your limit)*. It only warns; it does not lock.

None of this resets on a restart: the day's state is kept per account and survives closing MetaTrader.

Rule sets

Rule set fills the limits with typical figures. They are typical, not any particular firm's: check your firm's own numbers, as the panel reminds you.

Rule set	Daily	Maximum	Target
Typical two-step, phase 1	5%	10%	10%
Typical two-step, phase 2	5%	10%	5%
Typical one-step	3%	6%, trailing	10%
Typical funded account	5%	10%	none

Testing the rules (demo only)

With **Show the test buttons** on, a demo slave shows a **Testing** section: **Take a loss** adds a pretend loss (1% of the day's starting balance by default) to today's copied result, so you can watch the rules trip with the scope set to copied trades; **Reset the day** clears today's result, the trade count and any lock. Neither appears on a live account.

5.6 Filters on new copies

These apply only to opening a copy. Closes, partial closes and stop moves are always followed. The **Filters** page lists them as they are set, with the stop and target, pending order and late-copy settings, and the **Diagnostics** button. Change them in the EA's settings (F7).

Filter	What it does
Only / never these symbols	Lists of master symbol names, comma separated; a name matches any symbol that starts with it
Copy from / until this server hour	Outside the hours, copies are rejected as *filtered-hours*
Max spread	Skips a market copy while the spread is wider than this many pips
Late-copy guard	**Skip a copy if price has moved this far from the master's entry**: if the price here is already that many pips worse than the master's entry, the copy is skipped rather than chasing. A better price is always taken
Require a stop	**Skip a trade the master opened without a stop**
News filter	**Skip copies within N minutes of high-impact news**, before or after, for either currency of the symbol, from MetaTrader's economic calendar
Friday close and weekend hold	**Close copies on Friday at this server hour, and hold until Monday**: at that hour every copy is closed, and nothing new is taken until Monday. The pill reads **WEEKEND**. This works even with the rules switched off

For the spread and late-copy settings the copier uses the same pip as JTraderX and JTechnicalX: 0.0001 on FX (0.01 on yen pairs), 0.10 on gold, 0.01 on silver, and 1.0 of price on indices, crypto and anything priced at 1,000 or more.

5.7 Stops and targets

- **Copy the stop and target** (on by default) places the master's stop and target on the copy, and moves them whenever the master moves its own. Off, copies go on with no stop or target and stop moves are ignored.
- **Place them at the master's distance from this fill**: instead of the master's prices, the stop and target go the same distance from this copy's fill as the master's were from its entry. Use it when the two brokers quote the same instrument at different prices, as happens with index and commodity CFDs.

5.8 How the copies follow the master

Master does	Slave does
Opens a position	Opens a copy, sized for this account, after the filters and rules
Closes part of it	Closes the same **share** of its own copy, not the same lots, rounded down. If the share is under the minimum lot, it is logged as *partial-below-min* and the copy stays whole
Closes it	Closes the copy

Master does	Slave does
Moves the stop or target	Moves the copy's
Places, changes or deletes a pending order	The same, with its own size (hedging master accounts only)
Adds to a position (netting master)	Adds the same share to its copy

Each copy carries the magic number **770170** (set in **Magic for copied trades**) and the comment **JTC** followed by the master's ticket, which is how the slave recognises its copies. Do not run two slaves with the same magic number on one account.

Pending orders

A master on a **hedging** account publishes its buy and sell limits and stops (unless **Publish pending orders as well** is off), and a slave copies them unless **Copy pending orders** is off. The copy rests at the same price, good till cancelled, and follows the master's changes and deletion. Brokers' quotes differ, so the two orders do not always fill together:

- If the master's order fills and the copy has not, the copy is deleted and the slave copies the position at market.
- If the copy fills and the master's order is then deleted, the slave closes its position, because there is no master trade behind it: *it filled here but the master's order was cancelled*.

A master on a **netting** account does not publish pending orders; the slaves copy the position they produce when they fill.

Netting accounts

On a netting account one symbol holds one position. A netting master that adds to a position publishes the addition, and each slave adds the same share. A netting master that reverses (a sell bigger than the open buy) is copied as a close and a new open. On a netting **slave** the copies share one position, so each copy is closed by an opposite deal of its own volume.

Starting mid-session

A slave does **not** copy positions that were already open at the master when it started, by default: entering later at a worse price with the same stop is a different trade. They show as *missing* on the panel, and you can take them deliberately with **Copy N missing now**. To copy them automatically, switch on **Copy positions already open when this slave starts**.

A slave never replays history. The first time it starts it reads the channel from where it is now; after a restart it carries on from where it stopped. Any new-trade event older than two minutes is skipped

(*skipped an old open event from the log*), because it would open a trade at today's price for a decision made then. Closes and stop moves are never skipped.

5.9 Out of step

Once a second the slave compares what it holds with the master's latest snapshot:

- **Missing**: open at the master, not copied here, and not deliberately skipped. A copy that was rejected does not count as missing.
- **Extra**: a copy here whose master position is gone and whose close never arrived, for example because the close failed here, or the master's memory file was deleted.

When either is above zero, the status card says *Out of step* and two buttons appear under it, each needing a second click:

Button	What it does
Copy N missing now	Opens what the master holds and this account does not, at today's price, through the usual checks
Close N extra	Closes the copies whose master position is gone

Nothing is repaired automatically: a snapshot never closes anything, so a master restart can never look like a close.

5.10 The Link page and Rejected today

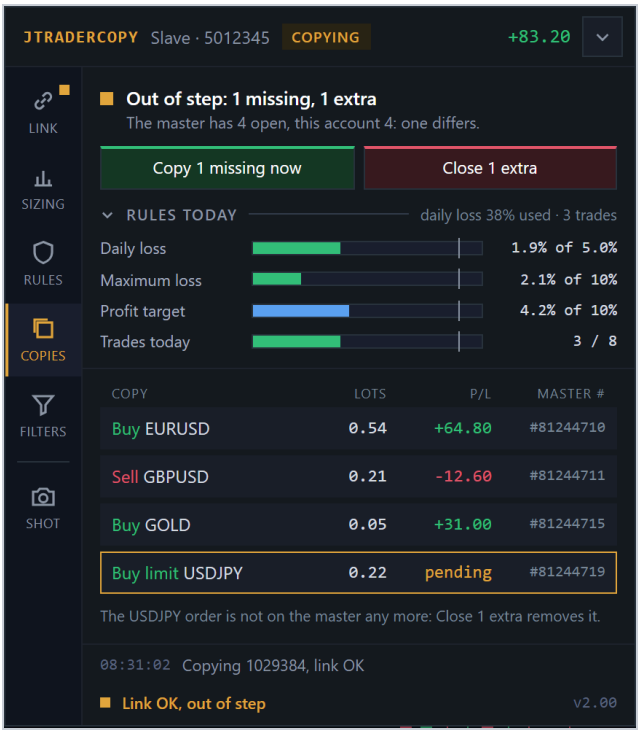
The Link page lists the master's account, the channel, how long ago its last heartbeat arrived, how many positions are open on the master and here (marked when out of step), the last copy, and its delay and slippage. Under them, **Rejected today**: the heading counts today's rejections. Under it, the last four, each with the time, the trade (symbol and side) and the reason in red. With none it reads *Nothing rejected today*. The master shows the day's count against the slave's row.

Reason	Meaning
copying paused by the master	The master's **Pause copying** is on
filtered-symbol	The symbol is on the never list, or not on the only list
filtered-hours	Outside the copy hours
weekend-hold	Between the Friday close and Monday
locked (reason)	A lock is set; the reason is one of those in section 5.5
trade cap	Today's trades have reached the cap
max-positions	Open copies have reached **Open positions at once**

Reason	Meaning
trade-disabled	Algo Trading is off in the terminal or for the EA
no stop on the master	**Skip a trade the master opened without a stop** is on
symbol-unmapped (add it to the symbol map)	No matching symbol here (section 5.4)
news: currency event	High-impact news within the window, such as *news: USD Nonfarm Payrolls*
spread-wide (N.Np)	The spread was over the limit
price moved N.Np since the master's entry	The late-copy guard
below-min-lot	The size came out under the symbol's minimum lot. With *(no stop on the master, N needed)* added, the trade had no stop and was sized by balance ratio
no-master-balance / no-sl-no-fallback	Balance ratio needs the master's balance and did not have it (the second when it was the fallback for a trade without a stop)
no-tick-value	The broker gave no tick value for the symbol, so a risk size could not be worked out
not enough margin (needs X, free Y, ...)	Margin is short. It says what size would fit, or that not even the minimum lot fits
broker: message	The broker refused the order, after one retry where a retry makes sense (section 6)
add-below-min-lot	A netting addition came out under the minimum lot
partial-below-min	A partial close came out under the minimum lot; the copy stays whole
close-failed / partial-failed / modify-failed / pending-modify-failed / be-failed	The broker refused a close, partial close, stop move, pending change or breakeven move. The broker's message follows

5.11 Copies, and Close everything copied here

The Copies page lists what this slave copied, up to ten: side (and *order* for a pending copy), symbol, lots, floating result, and the master ticket each copy follows. The heading totals the open copies and their result.



The Copies page, out of step: one copy is extra.

The wide red button under the list closes every copy on this account and deletes its pending copies. It never touches anything else on the account. The first click turns it into *Click again to close N position(s)*.

The message line under every page shows the last thing the slave said, in gold, or *Following channel 'name'.* at rest. The footer gives the link state in its colour, such as *Link OK* or *Locked by the rules*, with the build number.

5.12 Phone alerts

With **Phone alerts** on, and MetaTrader's push notifications set up with your MetaQuotes ID, the copier sends:

- From a **slave**: a lock (*locked: daily loss limit, closing the copies*), a lost link (*lost the link to 12345678, holding*), and each rejected copy unless **Include rejected copies** is off. Each alert names the account, and the same alert is not repeated within a minute.
- From the **master**: a slave going offline, and a slave locking, with its reason.

5.13 JournalX context

When the master's trade came from a JTechnical tool, the master passes on why it was taken (setup, timeframe, zone, session, entry model), and each slave hands that to JournalX on its own account, with the source **Copied from** and the master's account number.

6. When things go wrong

What happens	What the copier does
The master terminal closes, or its EA is removed	After 20 seconds each slave shows **NO LINK**, stops taking new copies and keeps its copies with their stops. It closes nothing. When the master returns, the slave reads what it missed: closes and stop moves are applied, new trades older than two minutes are skipped
A slave terminal closes	After 30 seconds the master shows it *offline*, and alerts if phone alerts are on. The other slaves carry on. When it starts again, it reads what it missed on the channel, the same way
The master EA restarts, or its terminal does	It remembers what it had published (kept in `MQL5\Files\JTraderCopier\master_<channel>_<account>.csv`). Positions the slaves already follow are not sent again, and trades closed while it was off are sent as closes, so the copies close too. A position opened while it was off reaches the channel late; the slaves skip it rather than enter at a different price, and it shows as *missing* for you to take with **Copy N missing now** if you want it
The same event is read twice (a log roll, a restart, a crash)	Every event carries a number and a slave applies each one once, so a close, a partial close or a command from the master is never repeated. Only complete lines are read: a line the master is still writing waits for the next read
The broker refuses a copy	On a requote, a moved price, a timeout, a lost connection or too many requests, the order is sent once more (after a timeout, only if no position from the first attempt turned up). If the broker refuses the master's stop or target because they sit too close to its price, the copy is filled without them and they are set straight after, moved out to the broker's minimum distance; if even that is refused you get an alert that the copy is open **without a stop**. Any other refusal is logged as *broker: message* and the copy is dropped
A restart, recompile or timeframe change on a slave	Nothing is lost. The link between each master trade and its copy is kept in `MQL5\Files\JTraderCopier\links_<channel>_<account>.csv` in that terminal's data folder; if the file is missing, the links are rebuilt from the copies' `JTC` comments. The day's result, trade count and locks are kept per account too
The event log grows	At 2 MB the master renames it and starts a new one. A slave part-way through the old file finishes it before reading the new one, so nothing written around the roll is missed. Two generations are kept
A second master starts on the same channel	It refuses to start while the first is live and says which account holds the channel: *Channel 'main' already has a master: account N. Use a different channel name.*
The master is attached to a second chart of the same account	The second one stays idle and says so on the chart: *Already running on another chart of this account*. One master per account and channel, or every partial close would be sent twice

What happens	What the copier does
A slave is attached to the master's own account	It copies nothing and its status card reads *This account is the master*. The master also never publishes the copier's own copies (comment `JTC`) unless **Also publish trades a copier slave opened here** is on, so two accounts can never copy each other in a loop
The common files folder cannot be written	The master refuses to start: *Cannot write to the common files folder.*
A line in the event log cannot be read	It is skipped

> **Broker comments.** Some brokers shorten or replace order comments. The links file does not depend on them, but if it is lost as well, copies on such a broker cannot be recognised again and will show as out of step.

7. Working with JTraderX, JTechnicalX and JournalX

The master copies whatever happens on its account, so JTraderX, JTechnicalX, another EA, the phone app or your own clicks all work the same way. Set **Only this magic** on the master if you want only one EA's trades copied.

- **JTraderX and JTechnicalX**: while a master or slave runs on the same account and terminal, JTraderX (2.34 and later) shows one line under its message line, and the JTechnical Tool (2.42 and later) a **Copier** row at the top of its Trade tab. On the master account it reads, for example, *Copier master: 3 slaves live, 1 locked*; on a slave account *Copier: copies 5012345, link OK, 2 open*, or the reason it is not copying (locked and why, weekend hold, no link, held by the master, out of step). Green is all well, gold needs a look, red needs action. The line disappears a few seconds after the copier stops.
- **Partial closes, breakeven ladders and trails** run on the master and reach the slaves as ordinary partial closes and stop moves. Do not also switch on the same management in a JTraderX or JTechnicalX on a slave account: the copies would be managed twice.
- **JournalX** on a slave account records each copy with the master's context and **Copied from** and the master's account number, so the journal shows which trades were yours and which came from the copier.

8. Input reference

8.1 Master

Licence

Setting (as shown in MT5)	Default
Licence key (leave empty for the trial)	(empty)
Demo accounts run without a key	On

Channel

Setting (as shown in MT5)	Default
Channel name: slaves must match it	main
Heartbeat, milliseconds	500
Full snapshot every N seconds	60

What to publish

Setting (as shown in MT5)	Default
Only this magic (0 = every trade on the account)	0
Ignore trades smaller than this	0.0
Publish pending orders as well	On
Only these symbols, comma separated (empty = all)	(empty)
Also publish trades a copier slave opened here (chains A to B to C)	Off

Control

Setting (as shown in MT5)	Default
Start with copying paused	Off
A slave silent this long is shown as offline	30

Alerts

Setting (as shown in MT5)	Default
Phone alerts (MetaTrader push) when a slave goes offline or locks	Off

Panel

Setting (as shown in MT5)	Default
Show the panel	On
Panel left, px	20
Panel top, px	20
Show the TraderXsoft mark in the header	On

8.2 Slave

Licence

Setting (as shown in MT5)	Default
Licence key (the MASTER account's key)	(empty)
Master account number the key belongs to (0 = read it from the channel)	0
Demo accounts run without a key	On

Channel

Setting (as shown in MT5)	Default
Channel name: must match the master ("auto" = the one live master)	main
How often to read the channel, ms	250
Heartbeat older than this = link stale	20

Sizing

Setting (as shown in MT5)	Default
How this account sizes a copy	Risk % of this account, from the copied stop
Multiplier mode: master volume x this	0.5
Risk mode: % of this account's balance	0.5
Fixed mode: lots	0.10
Never exceed this (0 = the symbol's own max)	0
Adjust for a different contract size (e.g. 100 oz gold against 10 oz)	On

Matching and execution

Setting (as shown in MT5)	Default
Master=slave pairs, e.g. US30=DJ30,XAUUSD=GOLD	(empty)
Suffix to add, e.g. .a (empty = detect from the chart)	(empty)
Copy the stop and target	On
Place them at the master's distance from this fill (brokers quoting differently)	Off
Copy pending orders	On
Copy positions already open when this slave starts	Off
Skip a copy if price has moved this far from the master's entry (0 = off)	0

Filters

Setting (as shown in MT5)	Default
Only these symbols (empty = all)	(empty)
Never these symbols	(empty)
Skip a copy above this spread (0 = off)	0
Copy from this server hour	0
Copy until this server hour	24
Skip a trade the master opened without a stop	Off
Skip copies within N minutes of high-impact news (0 = off)	0
Close copies on Friday at this server hour, and hold until Monday (-1 = off)	-1

Account rules (prop firm)

Setting (as shown in MT5)	Default
Rule set (presets are typical figures: check your firm's own)	Custom: the numbers below
Rules on	On
Count losses across	The whole account, open trades included (as prop firms count)
Daily loss measured from	BS_HIGHER
Daily loss limit, % (0 = off)	5.0
Maximum loss, % of the starting balance (0 = off)	0

Setting (as shown in MT5)	Default
Maximum loss trails the highest equity, up to the starting balance	Off
Starting balance for max loss and target (0 = balance when first attached)	0
Profit target, %: stop copying once reached (0 = off)	0
Close the copies when a loss limit is reached	On
Close the copies when the target is reached	Off
Act this many % before a limit, not at it	0.5
Trades per day (0 = no cap)	0
Open positions at once (0 = no cap)	0
Server hour the day rolls at	0
Warn when the best day exceeds this % of the total profit (0 = off)	0

Alerts

Setting (as shown in MT5)	Default
Phone alerts (MetaTrader push): lock, lost link, rejected copies	Off
Include rejected copies	On

Testing

Setting (as shown in MT5)	Default
Show the test buttons (demo accounts only)	Off
Test loss: % of the day's starting balance	1.0

Panel

Setting (as shown in MT5)	Default
Show the panel	On
Panel left, px	20
Panel top, px	20
Show the TraderXsoft mark in the header	On

Housekeeping

Setting (as shown in MT5)	Default
Magic for copied trades	770170
Slippage, points	20

> **Panel controls vs inputs:** on a slave, the sizing mode and value, the rules switch, the four limit steppers and the panel position are kept for the account once set, and the panel's values are the ones used. Change one of the matching inputs (or the rule set) and the inputs take over again.

9. Troubleshooting

Problem	What to do
The chart says *allow WebRequest for https://app.traderxsoft.com/check*.	Add that URL under **Tools > Options > Expert Advisors**, **Allow WebRequest for listed URL** (section 2.1). The licence checks again within a few minutes, or re-attach the program.
The chart says *activation server unreachable*.	No internet connection, or the licence server is down. A licence that checked in during the last 3 days keeps running meanwhile.
The chart says *activation refused*.	The server gives the reason, such as *not registered* (the key is for another account: move it on the activation page) or *licence expired*. Contact support if it looks wrong.
The slave says *No master on channel 'main'*.	The channel names differ, or the master is not running. If the line under it lists live channels, set the slave's channel to one of them, or to `auto`. Both terminals must be on the same machine under the same Windows user.
The master says *Waiting for a slave* although a slave is running.	Check the slave's channel, its licence line on the chart, and the Experts tab. An unlicensed slave writes nothing.
The slave is unlicensed.	Use the **master** account's key. If the master was not running when the slave started, set **Master account number the key belongs to**, or start the master first and reload the slave.
The master will not start: *already has a master*.	Another master is live on that channel. Give this one a different channel name, and set its slaves to match.
Nothing is copied and nothing is rejected.	The master is not publishing the trade: check **Only this magic**, **Ignore trades smaller than this** and **Only these symbols** on the master.
Rejected: *symbol-unmapped*.	Add the pair to **Master=slave pairs**, such as `US30=DJ30`, or attach the slave to a chart that carries the broker's suffix.
Rejected: *below-min-lot*.	The size came out under the minimum lot: a small account, a wide stop or a small risk. Raise the risk, or use Fixed lots for that account.
Rejected: *trade-disabled*, or the test says *Algo Trading is off here*.	Switch on Algo Trading on the slave terminal's toolbar and **Allow Algo Trading** in the EA's settings.
Every copy is rejected with *copying paused by the master*.	Press **Resume copying** on the master. The pause survives restarts, and **Start with copying paused** may be on.
The slave pill reads **NO LINK**.	The master's terminal or EA is off. Copies are held; nothing is lost. When the master returns, the slave catches up.
The slave reads **LOCKED**.	The status card names the lock. Daily locks clear at the day roll; a maximum-loss or target lock needs **Reset lock**; a lock from the master needs **Unlock** there or here.

Problem	What to do
The daily limit tripped earlier than expected.	By default it counts the whole account on equity, open trades included, and acts 0.5% of the starting balance early. See section 5.5.
After starting a slave, it shows positions *missing*.	By design, positions already open at the master are not copied. Press **Copy N missing now** to take them at today's price, or leave them.
The slave's status card reads *This account is the master*.	The slave is on the master's own account. Move it to the account that should follow.
Rejected: *no-fx-rate*.	Balance-ratio sizing between two account currencies needs an FX symbol linking them in this terminal's Market Watch. Add one, or use Risk percent, which does not need it.
An alert says a copy was opened **without a stop**.	The broker refused the master's stop even moved to its minimum distance. Set one by hand on the slave now; the master's next stop move is copied as usual.
A pip setting seems ten or a hundred times off on gold or an index.	From 1.00 the copier uses the same pip as JTraderX and JTechnicalX (section 5.6).
Copies are sized differently from what you expect.	Read the mode line on the slave panel. In Risk percent, a trade with no stop is sized by balance ratio; contract-size adjustment and rounding down also apply.
Stops land at odd prices on an index or oil.	The brokers quote it differently. Switch on **Place them at the master's distance from this fill**.
A pending copy is missing.	The master must be on a hedging account, with **Publish pending orders as well** on, and the slave with **Copy pending orders** on.
You need to report a problem.	Press **Diagnostics** on the master and on the slave concerned, and attach both files from `MQL5\Files`.

10. Version history

Version	Changes
2.00	Both panels rebuilt around a side rail, as on JTraderX and the JTechnical Tool 3.00. Master: Slaves, Commands (send to the selected slave or every slave; lock, size and test; this account), Positions and Settings pages; a per-slave strip, a Channel fold and a wide Pause / Resume button in the status card. Slave: Link, Sizing (all six modes as buttons, with a worked example), Rules, Copies (with the master tickets) and Filters pages; a Rules today fold with four bars. A chart picture from the rail on both. The panels move back onto the chart if they were left outside it. Copying itself is unchanged.
1.01	The TraderXsoft mark in the panel header, left of the title, with a **Show the TraderXsoft mark in the header** input to turn it off. Hovering the panel title shows the licence status.
1.00	Each event applied once (numbered, and the read position kept per channel), and only complete log lines read. Close-on-breach retried until every copy is closed. Locks ranked, so a harder lock is never replaced by a softer one and a target or maximum-loss lock is not cleared at the day roll or from the master. The master remembers what it published: a restart re-sends nothing and catches up the closes made while it was off; positions opened while it was off are skipped by the slaves. One master per account and channel; a slave refuses its own account, and copies are not published back. No raw balance ratio across currencies (*no-fx-rate*). Pending copies filled into a netting position are tracked. Exact symbol aliases. Rule state written to disk at once. No duplicate after a timed-out order; stops the broker refuses set after the fill. Lot rounding exact, with 3-decimal volumes. Changed sizing inputs take over again. The same pip as JTraderX and JTechnicalX. Licence re-checked every five minutes. Copier status on the JTraderX and JTechnical Tool panels. This manual.
0.50	Fixes: each closed result counted once, so the daily cap no longer trips at half its size; the link between a master trade and its copy kept on disk and rebuilt from comments, so a restart or timeframe change no longer forgets copies; each copy linked to the position it really opened; pending orders copied, changed and cancelled; netting accounts; a requote or moved price retried once; a rolled log finished before the next, and old opens never replayed; offline slaves shown on the master. Added: account rules on equity with close-on-breach and a safety buffer, maximum loss static or trailing, a target that locks copying, typical rule sets; trading days and best-day share; news filter, Friday close and weekend hold, require a stop; *Same risk as master* sizing, contract-size and currency adjustment; stops by distance and a late-copy guard; copy timing and fill difference on both panels; out-of-step check with *Copy missing now* and *Close extra*; phone alerts; test copy and remote control from the master; symbol matching by prefix and suffix, currency pair and built-in aliases; channel *auto*; JournalX context; both panels in the suite layout.

Version	Changes
0.3x	First working copier (master 0.34, slave 0.35): open, close, stop moves and partial closes; sizing modes; symbol map and suffix; the slave's daily guard; master and slave panels.