

Mirror Trading Manager

© 1999-2025 ANTON NEL (formerly CODEWISE)



anton.nel.be@gmail.com



[@antonnell](https://t.me/antonnell)



www.antonnell.net/mirror



General Guide v5.2.7

(Last Date: 7 Aug 2025)

Features:

- ✓ Super-fast copy software
- ✓ Multiple Masters and Multiple Followers
- ✓ Symbols Mapping
- ✓ Copy and modification of TP and SL
- ✓ Copy Pending Orders
- ✓ Unlimited Masters and Unlimited Followers accounts
- ✓ Partial Close
- ✓ Export History Trades to File
- ✓ Reverse Trade Optional
- ✓ Copy Order Comment optional: None, Same as Master or Custom
- ✓ Equity Protector
- ✓ Connection: MT4 to MT4/MT5/cTrader | MT5 to MT4/MT5/cTrader | cTrader to MT4/MT5/cTrader
- ✓ Auto Detect IP Address button (require running terminal)
- ✓ Enable/Disable Auto-deactivate account based on date and time
- ✓ Start Copy Time and End Time
- ✓ Push Notification
- ✓ Webhook
- ✓ FileDrop Technology
- ✓ No terminal needed for running Mirror
- ✓ Recommendation: VPS starting with at least a dual-core CPU



Table of Contents

System Requirements	5
Installation	6
Overview	7
Open Mirror5.App for the first time	8
Logging Panel	9
Add New Account / Edit Account	11
cTrader Connector	16
Auto Detect IP Address	18
Auto from File	19
Auto from Terminal	20
Auto from Database	22
List of Broker IP Address for backup	23
IP Geolocation	25
Follower Account – Login Tab	26
Master	26
Enable	26
Auto Deactivate	26
Number/Group Name (max. 10 chars)	26
Trader Name (unique)	26
Connector	26
Broker Short Name	26
Broker Abbreviate (max. 10 chars)	26
User Name / Account Number	27
Custom CID	27
Proxy Server and User Name	27
Follower Account – Settings Tab	27
Auto Copy Open Buy/Sell Trade	27
Both Direction	27
Auto Copy Close Trade	27
Asynchronous Closing Trades (faster)	27
Repeat Open Orders for this Follower	27
Trade Placed Type	28
Trade Placed Type Randomize	28
Number of opened trades per symbol Max	28
Magic#	28



Open Trade Slippage Max	29
Reverse Trade (Opposite Order Type and Opposite TP/SL and TP/SL Auto Distance)	30
MM Mode (Money Management) – Global / Per Symbol.....	31
Lot Size – Override	37
Lot Size - Filter Out	37
Copy Order Comment.....	37
Copy TP / SL (Opposite TP/SL and TP/SL Auto Distance).....	37
Close All Trades - Target DD/TP.....	38
Close All Trades - Equity Protector	38
Follower Account – Symbols Tab	39
Master Account – Login Tab	40
Connector.....	40
Master Account – Settings Tab	40
Auto Copy Open Buy/Sell Trade	40
Both Direction	40
Auto Copy Close Trade	40
Repeat Open Orders for ALL Followers	41
Too old to be copied / do not copy older than	41
Custom Comment for Follower Trade	41
Random delay on Open/Close trades	42
Pending Orders	42
Magic Numbers - Specific Filter	43
Comments - Specific Filter	43
Lot Size - Specific Filter	44
Close All Trades - Equity Protector	44
Webhook – Automatic Order Submission Setup (Pro Version Only).....	45
Webhook – TradingView Alert (Pro Version Only)	47
Webhook – JSON format	48
Webhook – EA (Pro Version Only)	49
Webhook – Check and Test	51
FileDrop Technology – Automatic Order Submission (Pro Version Only)	52
Telegram Push Notifications	58
Tips Settings for Prop Firms	61
Symbols Mapping	63
Sub traders	65
Follower copy from which Masters.....	66
Global Settings – Copy Time	67



Global Settings – Symbols	68
Restart All Connections	69
Auto Save Accounts to JSON File	70
Partial Close.....	71
Manual Order	72
Copy Pre-Existing Orders	74
Import / Export Accounts (CSV)	75
Import / Export Accounts (JSON).....	77
Backup / Restore Data	78
Data Feed Comparison Chart.....	79
FAQ / ISSUE / COMMON QUESTIONS:.....	80
Why is follower not copying from Master?	80
What is Application instance?.....	81
How Much is 1 Point Worth?	81
What is FIFO?	81
What is MT5 NETTING?.....	81
OFF_QUOTES or REQUOTES.....	81
What is “Invalid S/L or TP”?	82
NO_PRICES / PRICE_OFF.....	82
COMMON ERROR	82
SERVICE_NOT_AVAILABLE	82
Invalid Parameters	82
MARKET IS CLOSED / No_Market	82
What status ‘Untick’ means?	82
MT4/MT5 API Issue #1	83
MT4/MT5 API Issue #2	83
MT4/MT5 API Alternatives	83
Mirror5.ini Configuration settings file.	84



System Requirements

Preloads:

- *Microsoft .NET 9.0 Desktop runtime (32-bit and 64-bit).*
- *Microsoft Visual C++ 2015-2022 Redistributes (vc_redist.x64.exe and vc_redist.x86.exe). Remember after installed: Restart the machine.*
- **NOTE:** Setup File will install preloads automatically.

Hardware Minimum Requirements for under 10 accounts

- 4GB RAM+
- Dual-core CPU or Higher

Hardware Average Requirements for over 10 accounts

- 8GB RAM+
- 4-core CPU or Higher

Hardware Average Requirements for over 50 accounts

- 16GB RAM+
- 8-core CPU or Higher

Hardware Average Requirements for over 500 accounts

- 32GB RAM+
- 16-core CPU or Higher

OS Requirements

- 64 Bit:
 - Windows Server 2012 R2 – okay if you have few trading accounts
 - Recommendation: Windows Server 2016+ / Windows 10 / Windows 11

Disk Storage

- Recommendation: Solid State Drive (SSD) instead of “Hard Drive” HDD

Anton’s Favourite VPS/VDS providers

- Contact me for VDS (Virtual Dedicated Server)
- UltraFX (VPS)

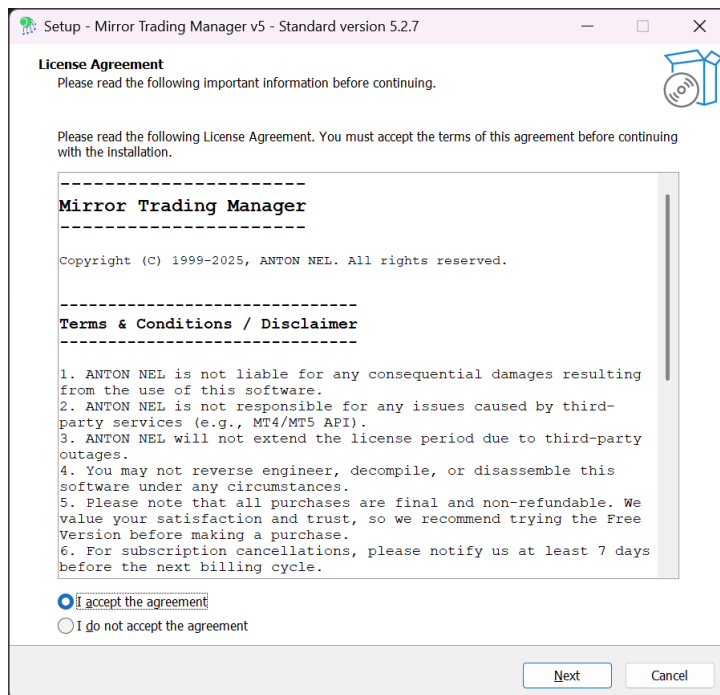
Note: Virtual Private Server (VPS) is a virtualized server environment that provides dedicated resources on a physical server shared with other users.



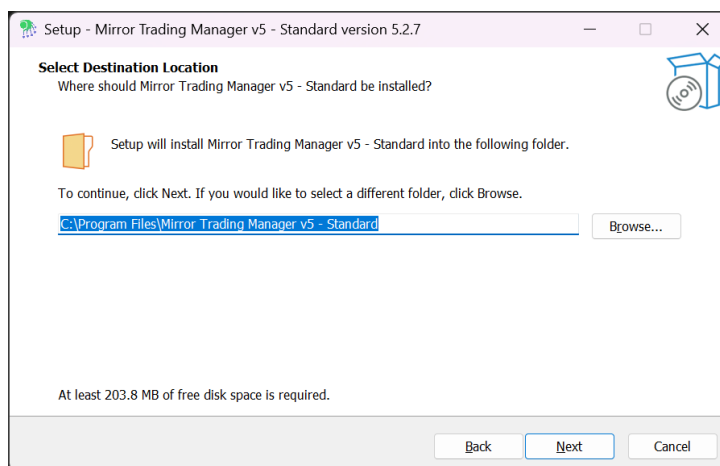
Installation

See the video link: https://youtu.be/91orx_XNZw4

Run Mirror5 - Setup



Please read T&C. Click “I accept the agreement” then click “Next” button.



When you want to run more than one instance.

Change the folder, for example on two instances:

1st instance, folder is **C:\Mirror_01**

2nd instance, folder is **C:\Mirror_02**

You can have two separate running Mirror apps.

Note: This is for Standard and Pro Versions only.



Overview

Name	Date modified	Type
Data	9/2/2024 10:00 AM	File folder
guide	9/2/2024 10:00 AM	File folder
Logs	9/2/2024 10:01 AM	File folder
runtimes	9/2/2024 10:00 AM	File folder
Mirror5.App	7/29/2024 3:32 PM	Application
Mirror5.App.LogViewer	9/2/2024 9:48 AM	Application
Release notes	7/29/2024 3:25 PM	Text Document

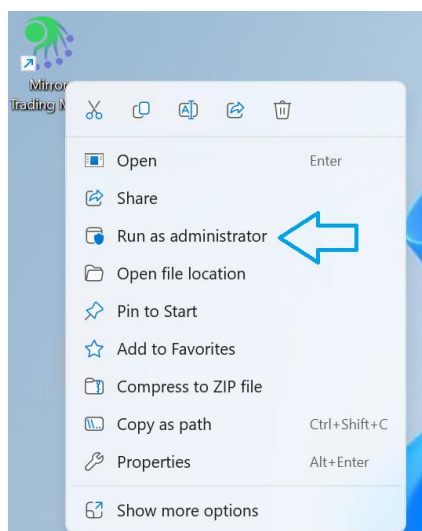
File Extensions:

- exe - It is an Application File (e.g., **Mirror5.App.exe** and **Mirror5.App.LogViewer.exe**)
- txt – It is a Text File (e.g., **Release notes.txt**)

Note:

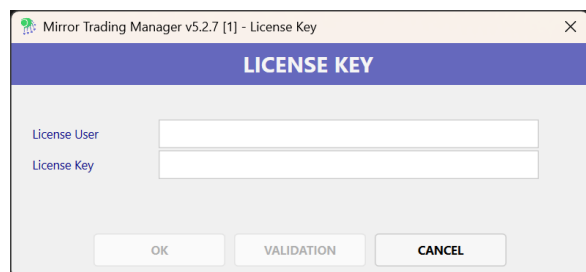
When you cannot open Mirror app. Try this:

Right-click on Mirror icon then click “Run as administrator”.



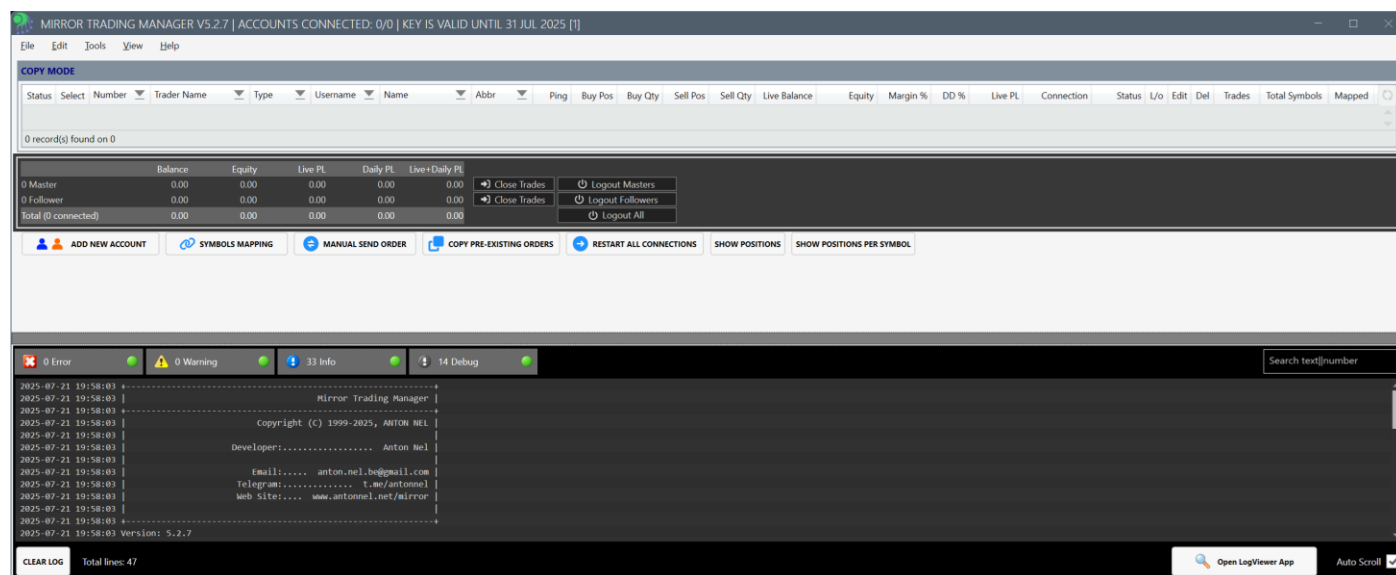
Open Mirror5.App for the first time

First time license user:



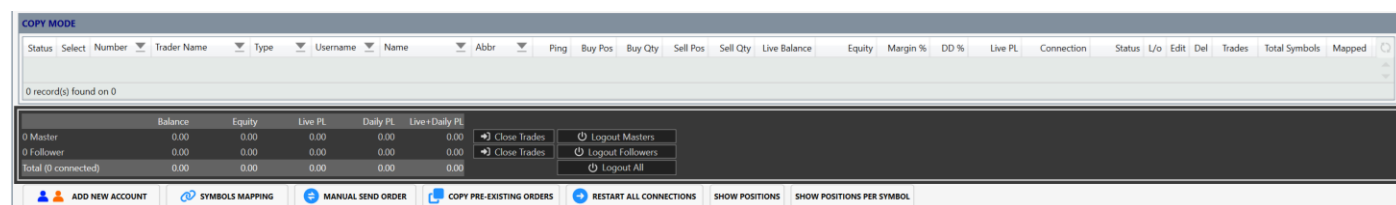
The dialog box titled "Mirror Trading Manager v5.2.7 [1] - License Key" has a purple header with the text "LICENSE KEY". It contains two input fields: "License User" and "License Key". At the bottom, there are three buttons: "OK", "VALIDATION", and "CANCEL".

Mirror app (example of Standard Version):



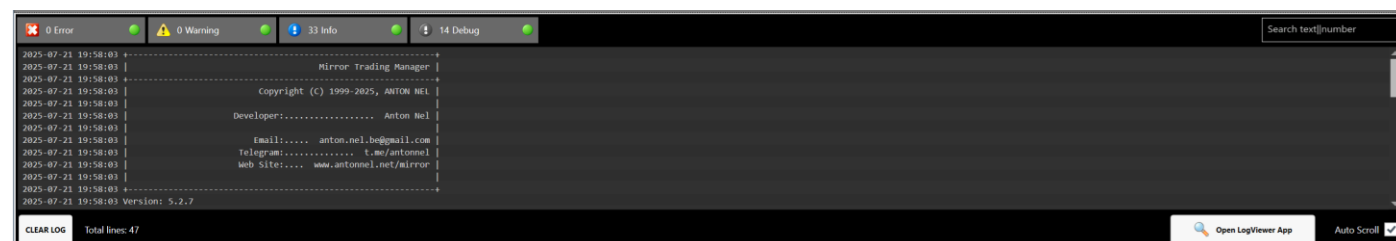
The screenshot shows the Mirror Trading Manager v5.2.7 interface. The title bar indicates "MIRROR TRADING MANAGER V5.2.7 | ACCOUNTS CONNECTED: 0/0 | KEY IS VALID UNTIL 31 JUL 2025 [1]". The main window has a menu bar (File, Edit, Tools, View, Help) and a toolbar. Below the toolbar is a table with columns: Status, Select, Number, Trader Name, Type, Username, Name, Abbr, Ping, Buy Pos, Buy Qty, Sell Pos, Sell Qty, Live Balance, Equity, Margin %, DD %, Live PL, Connection, Status, L/o, Edit, Del, Trades, Total Symbols, Mapped. The table shows 0 records found on 0. Below the table is a summary section with columns: Balance, Equity, Live PL, Daily PL, Live+Daily PL. It shows 0 Master, 0 Follower, and Total (0 connected) with all values at 0.00. To the right of the summary are buttons: Close Trades, Logout Masters, Close Trades, Logout Followers, and Logout All. Below the summary is a row of buttons: ADD NEW ACCOUNT, SYMBOLS MAPPING, MANUAL SEND ORDER, COPY PRE-EXISTING ORDERS, RESTART ALL CONNECTIONS, SHOW POSITIONS, and SHOW POSITIONS PER SYMBOL. At the bottom is a log panel with a search bar and a list of log entries. The log entries show the application's startup sequence, including copyright information and developer details. The log panel has a "CLEAR LOG" button and a "Total lines: 47" indicator.

Accounts Panel



This screenshot is identical to the one above, showing the Mirror Trading Manager v5.2.7 interface with the Accounts Panel. It displays the same table, summary section, and log panel.

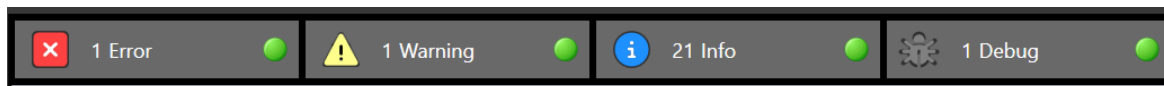
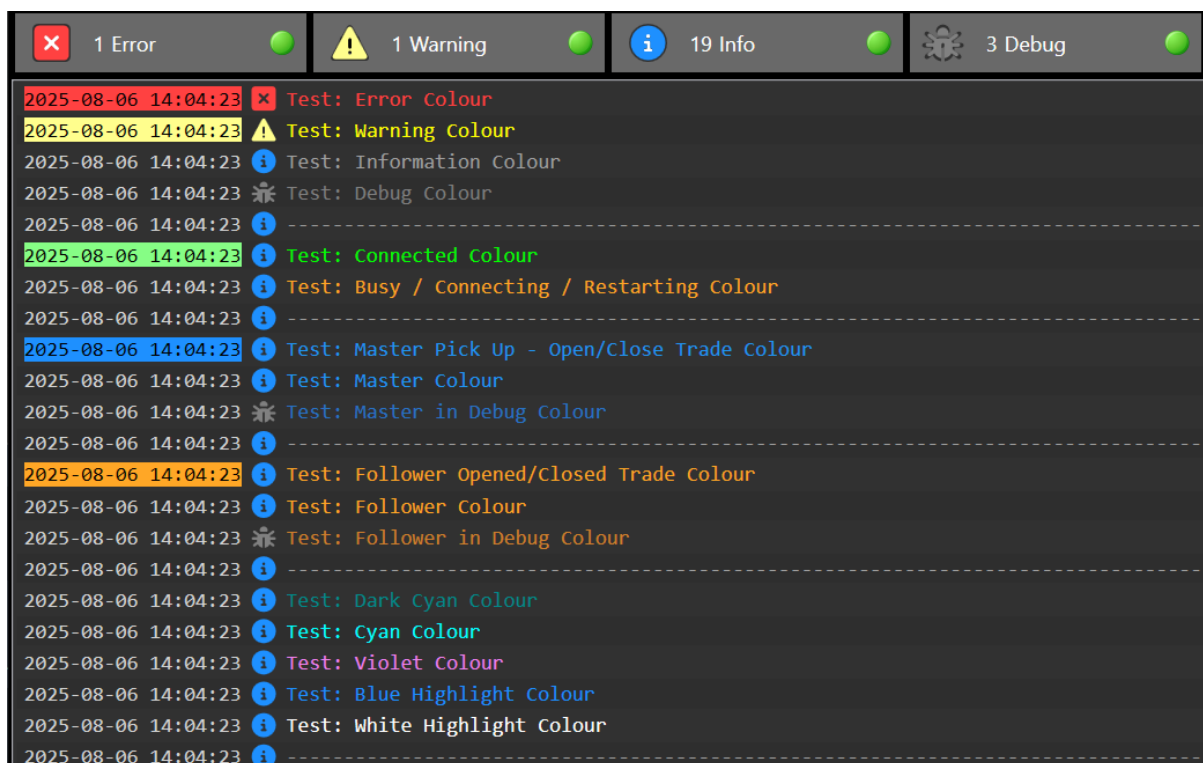
Logging Panel



This screenshot is identical to the one above, showing the Mirror Trading Manager v5.2.7 interface with the Logging Panel. It displays the same table, summary section, and log panel.



Logging Panel



When the LED is green, the item is visible. If the LED is off or another colour, the item is invisible.

Copy and Paste Line(s)

To copy a single line:

Click on the line → Press Ctrl + C or right-click and choose **Copy**.

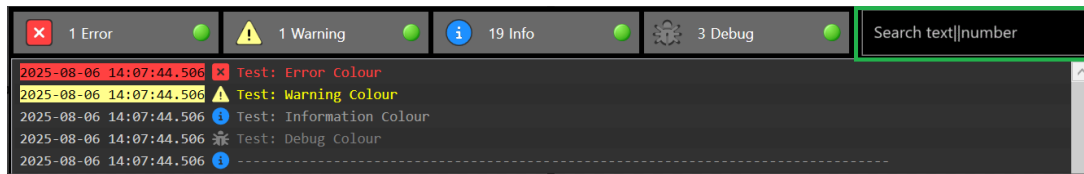
To copy multiple lines:

Click the first line → Hold down Shift → Click the last line → Press Ctrl + C or right-click and choose **Copy**.



Cont. Logging Panel

Search Filter (see green rectangle on the left)



You can find a specific log line by using the filter.

First, type the first search term. Then, if you add || followed by another term, it will search for both filters.



Add New Account / Edit Account

See the video link: <https://youtu.be/MsHVAsx85XQ>






To add the account,

Click [ADD NEW ACCOUNT]

COPY MODE

Status	Select	Number	Trader Name	Type	Username	Name	Abbr	Ping	Buy Pos	Buy Qty	Sell Pos
0 record(s) found on 0											

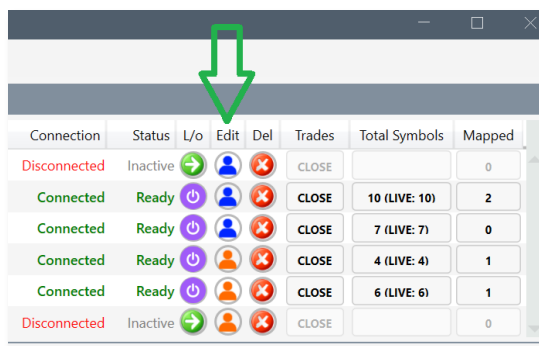
	Balance	Equity	Live PL	Daily PL	Live+Daily PL	
0 Master	0.00	0.00	0.00	0.00	0.00	Close Trades Logout Masters
0 Follower	0.00	0.00	0.00	0.00	0.00	Close Trades Logout Followers
Total (0 connected)	0.00	0.00	0.00	0.00	0.00	Logout All



















 **ADD NEW ACCOUNT**  **SYMBOLS MAPPING**  **MANUAL SEND ORDER**  **COPY PRE-EXISTING ORDERS**  **RESTART ALL CONNECTIONS**

To edit the account,

Click blue/orange person icon to edit the account.

Note: The blue person icon is a master and the orange person icon is a follower.



Connection	Status	L/o	Edit	Del	Trades	Total Symbols	Mapped
Disconnected	Inactive				CLOSE		0
Connected	Ready				CLOSE	10 (LIVE: 10)	2
Connected	Ready				CLOSE	7 (LIVE: 7)	0
Connected	Ready				CLOSE	4 (LIVE: 4)	1
Connected	Ready				CLOSE	6 (LIVE: 6)	1
Disconnected	Inactive				CLOSE		0



Example of Master Account (Tab 1 out of 5): Login

Mirror Trading Manager - ACCOUNT: Master MTS|Anton1

ACCOUNT: MTS|Anton1

1 Login Details 2 Connection 3 Subscribed Symbols (2/2) 4 Symbols Mapped (2)

Login Settings Symbols Notifications News Signal Provider

Master ☒
 Enable ☒
 Auto Deactivate Login ☐ 2025-07-22 08:00
 Number/Group Name (max. 10 chars) 001
 Trader Name (unique)* Anton1
 Connector MTS API Hedge ☐ Force to Reconnect ☐ Show Request in Log ☒ Show Response in Log
 Broker Short Name* Darwinex
 Broker Abbreviate (max. 16 chars)* DARWINEX
 User Name / Account Number XXXXXXXXXX Password *****
 Broker IP Address liveUK-mt5.darwinex.com:443
 Custom CID
 Proxy Server ☐ Enable Proxy Server Type
 Proxy User Name Password
 Auto Login At Start Up ☒
 Add Credit to Equity? ☒ (Note: Some brokers don't add Credit in Equity)
 First or Open Balance 0.00
 Yesterday Balance 0.00 Last Reset Date and Time: 0001-01-01 00:00:00 (UTC)

Connection Status: **Connected** Ping: 21.51ms

Example of Master Account (Tab 2 out of 5): Settings

Mirror Trading Manager - ACCOUNT: Master MTS|Anton1

ACCOUNT: MTS|Anton1

1 Login Details 2 Connection 3 Subscribed Symbols (2/2) 4 Symbols Mapped (2)

Login Settings Symbols Notifications News Signal Provider

Auto Copy Trade ☒ Open Buy Trade ☒ Open Sell Trade ☒ Both Direction (Allow Hedge) ☒ Close Trade = ☒ Both ☐ Profit Only ☐ Loss Only
 Close Master Trade ☐ Only when Follower trade is closed
 Start Copy Time (HH:MM e.g. 22:00) ☐ Start Time 05:00 End Time 21:59
 Repeat Open Orders for ALL Followers ☒ None ☐ Fixed Orders 1 ☐ Split Lots
 Too old to be copied / do not copy older than 12 Hour(s)
 Custom Comment for Follower Trade
 Random delay on Open Trades ☐ 0 Min (ms) 0 Max (ms) ☒ Gap Distance Max 0 (Point-based)
 Random delay on Close Trades ☐ 0 Min (ms) 0 Max (ms) ☒ Gap Distance Max 0 (Point-based)
 Pending Orders ☐ All Limit Orders ☐ All Stop Orders ☐ Updating Order price
☐ Buy Limit Orders ☐ Buy Stop Orders
☐ Sell Limit Orders ☐ Sell Stop Orders
 Magic Numbers - Specific Filter (e.g. 12,100-999,3333)
 Comments - Specific Filter (case-sensitive)
 Lot Size - Specific Filter (e.g. 0.05, 0.08)
 Close All Trades - Equity Protector (Currency) ☐ Below Level 0.00 ☐ Above Level 0.00
 Small Note / ToolTip*
 *Not gonna show up on broker side.

Connection Status: **Connected** Ping: 21.51ms



Example of Master Account (Tab 3 out of 5): Symbols

Mirror Trading Manager - ACCOUNT: Master MT5|Anton1

ACCOUNT: MT5|Anton1

1 Login Details 2 Connection 3 Subscribed Symbols (2/2) 4 Symbols Mapped (2)

Login Settings Symbols Notifications News Signal Provider

List of Available Symbols (869)

Selected Symbols to Subscribe (2)

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size
EURUSD	1.16939	1.16942	3	0.01	100.00	100,000
XAUUSD	3394.91	3395.08	17	0.01	100.00	100

Symbol: XAUUSD

Re-subscribe Symbol on Idle: 600 (In Second)

SESSIONS INFO

MAJOR FX (8) MINOR FX (30)

COPY SELECTED PASTE

SAVE CANCEL TEST CONNECTION RE-LOGIN COPY PASTE

Connection Status: Connected Ping: 21.51ms

Example of Master Account (Tab 4 out of 5): News Filter

Login Settings Symbols News Signal Provider

Use News Filter For Open/Close Trades ☒ TEST - PRINT TO LOG TEST - PRINT TO LOG

Allow Open Trade During News Impact ☐ (Note: Untick means no open Follower trade during the news impact/speaks.)

Allow Close Trade During News Impact ☐ (Note: Untick means no close Follower trade during the news impact/speaks. It might close Follower trades AFTER the news that depends on Master.)

Include High Impact (Red) ☐

Include Medium Impact (Orange) ☐

Include Low Impact (Yellow) ☒ ☒ Include Speaks Minutes Before Impact: 600 Minutes After Impact: 600

Include Currency ☒ USD ☒ EUR ☐ GBP ☐ JPY ☐ AUD ☐ NZD ☐ CHF ☐ CAD ☐ CNY

Force to Close All Trades before News ☐ Before Impact and Speaks (depends on settings above)

Apply to Selected Symbols

Search symbol

☐ AUDUSD ☐ EURUSD ☐ GBPUSD ☐ USDJPY ☐ XAUUSD

Example of Master Account (Tab 5 out of 5): Signal Provider

Login Settings Symbols News Signal Provider

Activate / Enable Signal ☐ Name of Signal: Demo

Signal Port Number: 4190 Add Port to Firewall Send Echo to all users

Send Data to all Receivers ☐ Balance and Equity ☐ Live Price Feed

Show Received Information in Log? ☒ Incoming Json Message ☒ Outgoing Json Message ☒ Login ☐ Heartbeat (every 30s)

Active	Approve	Username	Password	App	Ip Address	Ping	Last	Last Ping	Expiry Date	L/o	Edit	Del	Echo	Echo Last Message
--------	---------	----------	----------	-----	------------	------	------	-----------	-------------	-----	------	-----	------	-------------------



Example of Follower Account (Tab 1 out of 3): Login

Mirror Trading Manager - ACCOUNT: Follower MT5|Paul

ACCOUNT: MT5|Paul

1 Login Details 2 Connection 3 Subscribed Symbols (3/3) 4 Symbols Mapped (2)

Login Settings Symbols Notifications

Master ☐

Enable ☒

Auto Deactivate Login ☐ 2025-07-22 08:00

Number/Group Name (max. 10 chars) 001

Trader Name (unique)* Paul

Connector MT5 API Hedge ☐ Force to Reconnect ☐ Show Request in Log ☒ Show Response in Log

Broker Short Name* XMGlobal-MT5

Broker Abbreviate (max. 16 chars)* XMGLOBAL

User Name / Account Number XXXXXXXXXX Password *****

Broker IP Address dc-r50-02.mt4servers.com:443

Custom CID

Proxy Server ☐ Enable Proxy Server Type

Proxy User Name Password

Auto Login At Start Up ☒

Add Credit to Equity? ☒ (Note: Some brokers don't add Credit in Equity)

First or Open Balance 10338.09

Yesterday Balance 10338.09 Last Reset Date and Time: 2025-07-21 18:18:49 (UTC)

Connection Status: **Connected** Ping: 18.91ms

Example of Follower Account (Tab 2 out of 3): Settings

Mirror Trading Manager - ACCOUNT: Follower MT5|Paul

ACCOUNT: MT5|Paul

1 Login Details 2 Connection 3 Subscribed Symbols (3/3) 4 Symbols Mapped (2)

Login Settings Symbols Notifications

Auto Copy Trade ☒ Open Buy Trade ☒ Open Sell Trade ☒ Both Direction (Allow Hedge) ☒ Close Trade = ☒ Both ☐ Profit Only ☐ Loss Only

Asynchronous Closing Trades (faster) ☐

Start Copy Time (HH:MM e.g. 22:00) ☐ Start Time 05:00 End Time 21:59

Repeat Open Orders for this Follower ☒ None ☐ Fixed Orders 1 ☐ Split Lots ☐ Auto 0 Max Lots Per Order

Trade Placed Type ☒ Manual ☐ EA ☐ Mobile ☐ Web ☐ Signal ☐ Random?

Open Trade Slippage Max (Point-based) 999 Number of Opened Trades per Symbol Max 0

Reverse Trade ☐ Opposite Order Type ☐ Opposite TP/SL ☐ TP/SL Auto Distance

Symbol Prefix and Suffix Prefix Suffix

MM Mode (Global) [Same Lot Size As Master] [Multi x 1.00]

Lot Size - Override ☐ Min 0.00 ☐ Max 0.00

Lot Size - Filter Out ☐ Min 0.00 ☐ Max 0.00

Copy Magic Number NONE

Copy Order Comment NONE

Copy TP (Take Profit) / SL (Stop Loss) ☐ Take Profit ☐ Stop Loss ☐ Incl. Modify ☐ One Order incl. TP/SL in one go

Close All Trades - Target DD/TP (Currency) ☐ Below Target -0.00 ☐ Above Target 0.00

Close All Trades - Target DD/TP (Percent) ☐ Below Target (%) -0.00 ☐ Above Target (%) 0.00

Close All Trades - Target DD/TP (Point-based) ☐ Below Target 0 ☐ Above Target 0

☐ Stop Trading Below Target ☐ Stop Trading Above Target

Close All Trades - Equity Protector (Currency) ☐ Below Level 0.00 ☐ Above Level 0.00

Small Note / ToolTip*

*Not gonna show up on broker side.

Connection Status: **Connected** Ping: 18.91ms



Example of Follower Account (Tab 3 out of 3): **Symbols**

Mirror Trading Manager - ACCOUNT: Follower MTS|Paul
ACCOUNT: MTS|Paul

1 Login Details
2 Connection
3 Subscribed Symbols (3/3)
4 Symbols Mapped (2)

Login
Settings
Symbols
Notifications

List of Available Symbols (1453)

usd

☐ AUDUSD
☐ AUDUSD#
☒ EURUSD
☒ EURUSD#
☐ GBPUSD
☐ GBPUSD#
☐ NZDUSD
☐ NZDUSD#
☐ USDCAD
☐ USDCAD#
☐ USDCHEF
☐ USDCHEF#
☐ USDCNH
☐ USDCNH#
☐ USDDKK
☐ USDDKK#
☐ USDHKD
☐ USDHKD#
☐ USDHUF
☐ USDHUF#

MAJOR FX (8)
MINOR FX (30)

COPY SELECTED
PASTE

Selected Symbols to Subscribe (3)

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size	Custom MM	Custom TP	Custom SL
EURUSD	1.16925	1.16945	20	0.01	50.00	100,000	Disable	-	-
EURUSD#	1.16930	1.16941	11	0.01	50.00	100,000	Disable	-	-
GOLD#	3394.65	3394.84	19	0.01	50.00	100	Disable	-	-

Symbol

GOLD#

Re-subscribe Symbol on Idle
600
(In Second)
SESSIONS INFO

MM Mode (Per Symbol)
EDIT MM

One Order
incl. TP/SL in one go

☐ Custom Take Profit
0
(Point-based)
☐ Random Distance
0
Min
0
Max
☐ Enable Hidden TP

☐ Custom Stop Loss
0
(Point-based)
☐ Random Distance
0
Min
0
Max
☐ Enable Hidden SL

EDIT TP/SL NOW

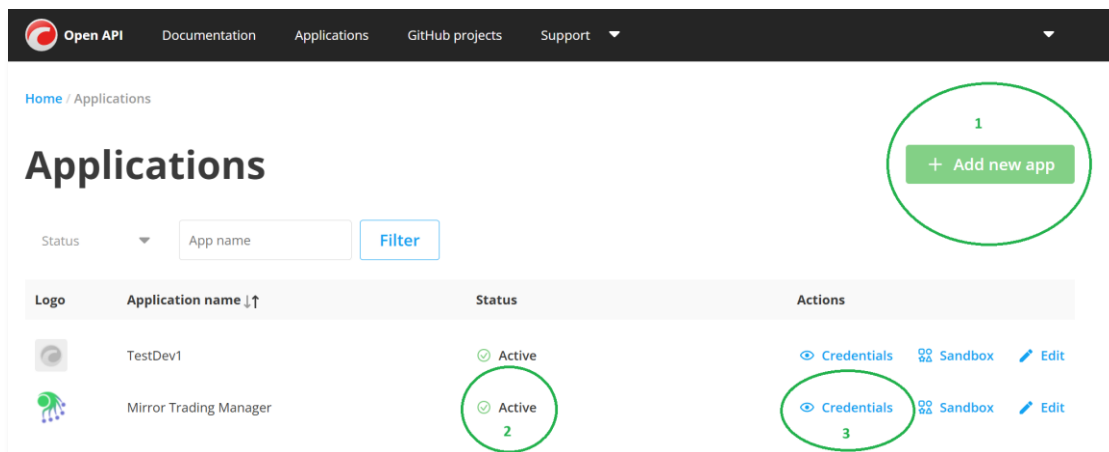
CLOSE TRADE PER SYMBOL

SAVE
CANCEL
TEST CONNECTION
RE-LOGIN
COPY
PASTE

Connection Status: Connected Ping: 18.91ms



Step 1. Before getting a token key. Open cTrader Web Site: <https://openapi.ctrader.com/apps>



1. Add New App (see #1 in green circle)
2.
 - a. Channel: **cTrader***
**Must be unique name of the channel. E.g. cTrader1*
 - b. Redirect URI: <https://www.antonnel.net/mirror>
 - i. **Make sure there is no "/" at the end of URI.**

- c. Tick the checkbox then click [Save] button (see image below)

3. Wait for Status = **Active** (Green, see #2 in green circle).

Q: How long can I get approve for the submit?

A: Your application is reviewed by cTrader KYC team. It might take up to 3 days, but usually it happens within 24 hours.
4. Get Credentials (see #3 in green circle).
5. Go back to Mirror App...



Step 2. To get a token key.

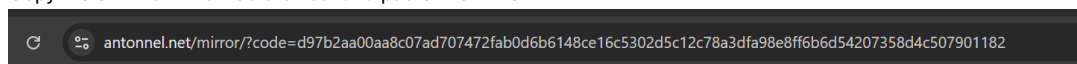
Checkbox “Open API Client ID” is selected.

The screenshot shows the configuration window for the cTrader connector. The 'Connector' dropdown is set to 'cTrader'. The 'Broker Short Name' is 'CTRADER'. The 'Mode' is set to 'Demo'. The 'Open API Client ID' checkbox is checked. The 'Open API Client Secret' is masked with asterisks. The 'Open API Redirect Uri' is 'https://www.antannel.net/mirror'. The 'Token' is also masked. The 'GET TOKEN' button is visible. The 'Auto Login At Start Up' checkbox is checked.

1. Insert Trader Login / Account Number
2. Insert Client ID
3. Insert Client Secret
4. Then click [GET TOKEN] button
5. Account Authorization dialog box pops up:

The screenshot shows the 'Account Authorization' dialog box. It contains a URL field with the text: 'https://openapi.ctrader.com/apps/auth?client_id=9485_byHs59AmHfgin66TFHD5g6p2NoDFO5RVmYSGLTq9laofXe8AZT&redirect_uri=https://www.antannel.net/mirror&scope=trading'. Below the URL field, there are four steps: Step 1. Click [OPEN WEB BROWSER] button. Step 2. Click [Allow access] button. Step 3. Then copy the URL from the web browser and paste here. Step 4. Click [GENERATE TOKEN] button. There are buttons for 'OPEN WEB BROWSER', 'GENERATE TOKEN', and 'CLOSE'.

- a. Click [Open Web Browser] button AS STEP 1
- b. You will see other web browser application pops up, check the list of accounts.
- c. Click “Allows access” button AS STEP 2
- d. Copy the URL from the web browser and paste in STEP 3



Pricing Download Diagrams

- e. Last STEP 4. Click [GENERATE TOKEN] button.

6. Click [TEST CONNECTION] button to see if the connection is working.

Note: The access token expires in 1 Month.



Auto Detect IP Address

Step 1. Enter Broker Short Name, Account Number and Password

Click [Auto Detect IP Address] button from Account dialog box.

The screenshot shows the 'Account' dialog box with the following fields and options:

- Trader Name (unique)*: Anton1
- Connector: MTS API Hedge
- Broker Short Name*: Darwinex
- Broker Abbreviate (max. 16 chars)*: DARWINEX
- User Name / Account Number: XXXXXXXXXX
- Broker IP Address: liveUK-mt5.darwinex.com:443
- Custom CID: [empty]
- Proxy Server: [empty]
- Proxy User Name: [empty]
- Auto Login At Start Up: ☒
- Force to Reconnect: ☐ (icon)
- Show Request in Log: ☐
- Show Response in Log: ☒
- Password: [masked]
- IP Geo: [icon]
- Random CID Generator: [button]
- Enable Proxy Server: ☐ Type:
- Proxy Password: [masked]

The 'AUTO DETECT IP ADDRESS' button is highlighted with a green box.

Step 2. You can choose -- click [Auto from File] or [Auto from Terminal] or [Auto from Database] button

The screenshot shows the 'Auto Detect IP Address' dialog box with the following options:

- Auto from File
- Auto from Terminal
- Search Company: Darwinex
- Filter Server (e.g. demo or live): [empty]
- Auto from Database
- CLOSE

The 'Auto from Database' button is highlighted with a green box.

To find the company / broker / prop firm, type in [Search company] textbox, keep it short and simple. Then click [Auto from Database] button.

The screenshot shows the 'Auto Detect IP Address' dialog box with the following options:

- Auto from File
- Auto from Terminal
- Search Company: Darwinex
- Filter Server (e.g. demo or live): [empty]
- Auto from Database
- CLOSE

The 'Search Company' textbox is highlighted with a green box.



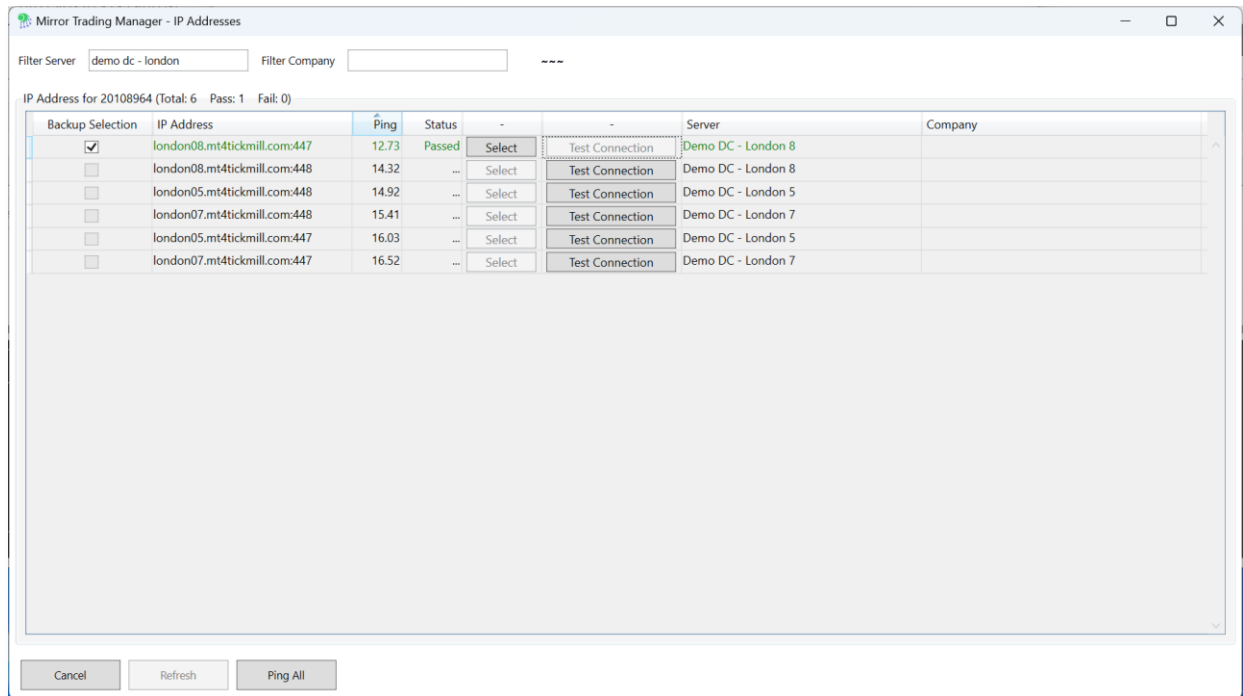
Auto from File

Find servers.dat/servers.ini file from config folder (Go to MT4/5 Terminal, Click File from the menu bar -> Click Open Data Folder then open config folder)

Step 1. If there are too many servers. Use [Filter Server] textbox e.g. demo

Step 2. Click [Ping All] button. Choose the best ping – Click [Test Connection] button.

Step 2. Click [Select] button to select the best IP Address.



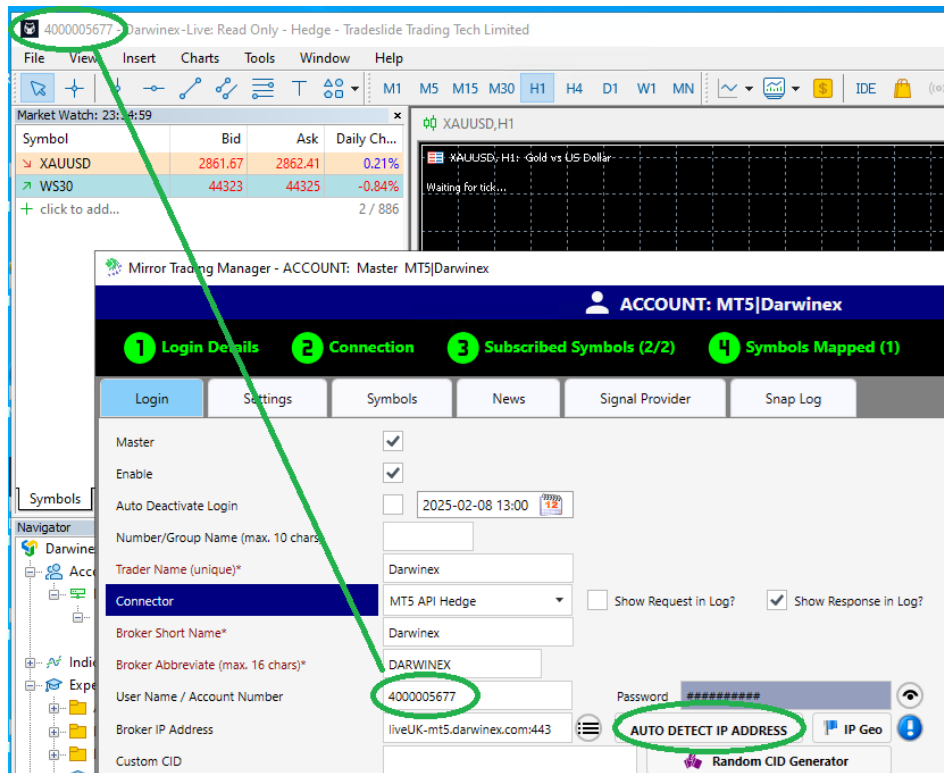
Auto from Terminal

Note: The button for “Auto from Terminal” will be disabled when you have selected “Enable Proxy”.

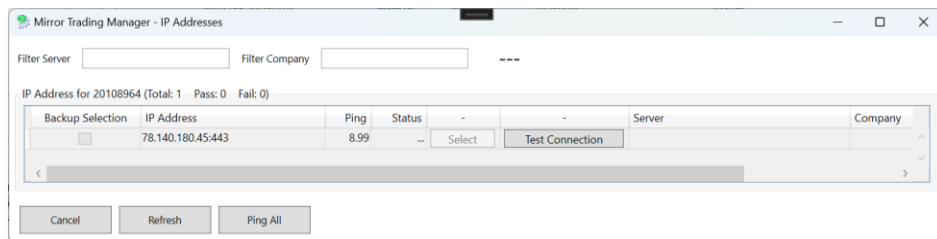
TRY #1

Open MT4/MT5 terminal and make sure the login is **SUCCESSFUL** first in MT4/MT5 terminal.

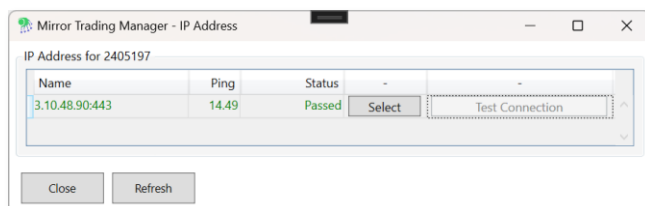
Username must be matched between Mirror Account Number and MT4/MT5 terminal.



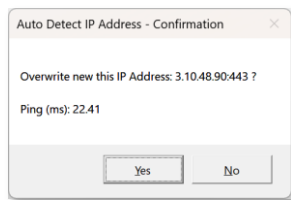
Step 3. Click **Test Connection** button. If this dialog box does not appear, see next page.



Step 4. Passed. Click **Select** button.



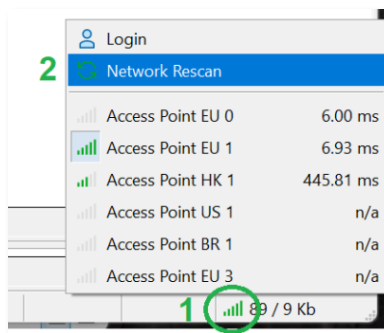
Step 5. Click **Yes** button.



When there is no detect IP address while the terminal is running. Try this:

TRY #2

1. Click "Strength" Bar
2. Click Network Rescan



TRY #3

1. Close MT4/MT5 Terminal software and wait for 10 seconds.
2. Open MT4/MT5 Terminal software again
3. See TRY #1 above <- do again.

Please check the logging panel for more information on IP Addresses and pings:

```
Auto Detect IP Address button - Clicked
Auto Detect IP Address button - Getting IP Address list....
Found MT4 terminal|94.237.42.44:447|Ping: 12.86ms|20108964: Tickmill-Demo - Demo Account - Tickmill Ltd
Found MT5 terminal|27.111.161.145:1950|Ping: 230.27ms|64112785 - MetaQuotes-Demo: Demo Account - Netting - MetaQuotes Software Corp.
Found MT5 terminal|78.140.180.198:443|Ping: 7.05ms|5008199083 - MetaQuotes-Demo: Demo Account - Netting - MetaQuotes Software Corp.
Found MT5 terminal|13.42.80.89:443|Ping: 15.17ms|2405172 - Eightcap-Demo: Demo Account - Hedge - Eightcap Pty Ltd
```



Auto from Database

Step 1. If there are too many servers. Use [Filter Server] textbox e.g. live

Mirror Trading Manager - IP Addresses

Filter Server: Filter Company: Search Company: RE-DOWNLOAD DATABASE

IP ADDRESS FOR 4000005677 (TOTAL: 6 PASS: 0 FAIL: 0)

Backup Selection	IP Address	Ping	Status			Server	Company
<input type="checkbox"/>	185.97.161.224:443	6.70	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	185.97.161.224:1950	6.37	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	162.255.145.133:443	75.15	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	162.255.145.133:1950	75.11	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	158.179.218.113:443	29.62	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	149.130.169.33:443	156.80	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited

CANCEL REFRESH **PING ALL**

Step 2. Click [Ping All] button.

Step 3. Choose the best ping (lower is better) – Click [Test Connection] button.

Mirror Trading Manager - IP Addresses

Filter Server: Filter Company: Search Company: RE-DOWNLOAD DATABASE

IP ADDRESS FOR 4000005677 (TOTAL: 6 PASS: 1 FAIL: 0)

Backup Selection	IP Address	Ping	Status			Server	Company
<input checked="" type="checkbox"/>	185.97.161.224:443	5.87	Passed	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	185.97.161.224:1950	6.11	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	162.255.145.133:443	74.85	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	162.255.145.133:1950	75.29	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	158.179.218.113:443	31.17	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited
<input type="checkbox"/>	149.130.169.33:443	159.13	...	SELECT	TEST CONNECTION	Darwinex-Live	Tradeslide Trading Tech Limited

Step 4. Click [Select] button to select the best IP Address.



List of Broker IP Address for backup

Step 1. Enter Broker Short Name, Account Number and Password

Click [Auto Detect IP Address] button from Account dialog box.

Trader Name (unique)*: Anton1

Connector: MT5 API Hedge

Broker Short Name*: Darwinex

Broker Abbreviate (max. 16 chars)*: DARWINEX

User Name / Account Number: XXXXXXXXXX

Broker IP Address: liveUK-mt5.darwinex.com:443

Custom CID:

Proxy Server:

Proxy User Name:

Password: #####

Force to Reconnect ☐ Show Request in Log ☐ Show Response in Log ☒

AUTO DETECT IP ADDRESS IP Geo

Random CID Generator

Enable Proxy Server ☐ Type: Https

Auto Login At Start Up ☒

Step 2. Click [Auto from File] or [Auto from Database] button

Note: [Auto from Terminal] is not supported.

Auto Detect IP Address

Auto from File

Auto from Terminal

Search Company: Darwinex

Filter Server (e.g. demo or live):

Auto from Database

CLOSE

Step 3. Click **ALL** or **SOME** [Test Connection] buttons.

Step 4. Click [Select] button to select the IP Address as primary.

Mirror Trading Manager - IP Addresses

Filter Server: demo dc - london Filter Company:



IP Address for 20108964 (Total: 6 Pass: 3 Fail: 3)

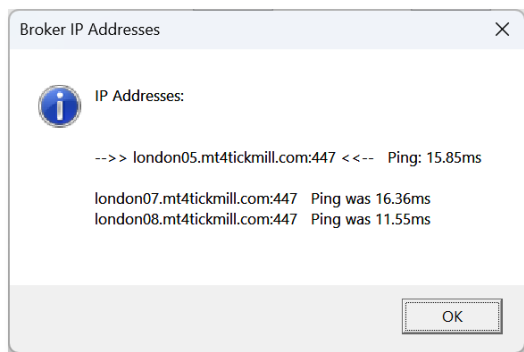
Backup Selection	IP Address	Ping	Status	Test Connection	Server	Company
<input checked="" type="checkbox"/>	london05.mt4tickmill.com:447	15.98	Passed	Select	Demo DC - London 5	
<input checked="" type="checkbox"/>	london07.mt4tickmill.com:447	16.36	Passed	Select	Demo DC - London 7	
<input checked="" type="checkbox"/>	london08.mt4tickmill.com:447	11.55	Passed	Select	Demo DC - London 8	
<input type="checkbox"/>	london05.mt4tickmill.com:448	16.53	Failed	Select	Demo DC - London 5	
<input type="checkbox"/>	london07.mt4tickmill.com:448	15.59	Failed	Select	Demo DC - London 7	
<input type="checkbox"/>	london08.mt4tickmill.com:448	11.21	Failed	Select	Demo DC - London 8	

Cancel Refresh Ping All



It will return to Account Dialog box. To view the backup list.

Trader Name (unique)*	Anton1		
Connector	MT5 API Hedge	<input type="checkbox"/> Force to Reconnect ∞	<input type="checkbox"/> Show Request in Log <input checked="" type="checkbox"/> Show Response in Log
Broker Short Name*	Darwinex		
Broker Abbreviate (max. 16 chars)*	DARWINEX		
User Name / Account Number	XXXXXXXXXX	Password	#####
Broker IP Address	liveUK-mt5.darwinex.com:443		AUTO DETECT IP ADDRESS 
Custom CID		Random CID Generator	
Proxy Server		<input type="checkbox"/> Enable Proxy Server	Type <input type="text" value="Https"/>
Proxy User Name		Password	
Auto Login At Start Up <input checked="" type="checkbox"/>			



For example: You have selected 8 different broker IP Addresses that are 'connection' passed. Of course, each connection will have different ping in millisecond. When 1st IP disconnects or fails - Mirror will re-login 2nd IP Address automatically. It designed to keep the connection = connected. I am hoping that it will help to keep up with connection alive. Rather than disconnected for a while / maybe broker has changed their server IP Address. 2nd connection is like a fail-safe / backup.



IP Geolocation

Step 1. Click [IP Geo] button from Account dialog box. Example:

Trader Name (unique)* Anton1
Connector MTS API Hedge
Broker Short Name* Darwinex
Broker Abbreviate (max. 16 chars)* DARWINEX
User Name / Account Number XXXXXXXXXX
Broker IP Address liveUK-mt5.darwinex.com:443
Custom CID
Proxy Server
Proxy User Name
Password *****
Force to Reconnect ☐ Show Request in Log ☐ Show Response in Log ☒
AUTO DETECT IP ADDRESS IP Geo
Random CID Generator
Enable Proxy Server Type Https
Password
Auto Login At Start Up ☒

Geolocation

IP Address: 185.97.161.224
Country: GB
Region: England
City: London
Coordinates: 51.5085,-0.1257

Timezone: Europe/London

Ping between this machine and the broker's ip address: 19.32ms

OK

It gives us the idea where the broker server is located.



Follower Account – Login Tab

Master

Keep the checkbox = false




Enable

To enable this account for copy.

Auto Deactivate

True – When the date and time reached then it will stop trading*.

*Stop Trading. It will **disable** this “Select” box. You can tick this box again to continue else pause.

COPY MODE				
Status	Select	Number	Trader Name	Type
	<input checked="" type="checkbox"/>	001	[+] Anton1	M-MT5
	<input checked="" type="checkbox"/>	001	[+] Paul	F-MT5
	<input checked="" type="checkbox"/>	002	[+] Anton2	M-CTRADER
3 record(s) found on 3				

Number/Group Name (max. 10 chars)

This is just a group. You can group the followers in different category. It has nothing to do with trading side. It is for grid view. Click column to sort by ascending/descending.

Trader Name (unique)

Make sure the trader’s name is unique.

Connector

Trader Name (unique)*	Paul
Connector	MT5 API Hedge
Broker Short Name*	MT4 API
Broker Abbreviate (max. 16 chars)*	MT5 API Hedge
User Name / Account Number	MT5 API Netting
Broker IP Address	cTrader
Custom CID	Signal Receiver
Proxy Server	Manual Trade
Proxy User Name	FileDrop
	Webhook

MT4 API, MT5 API Hedge and cTrader connect via API.

MT5 API Netting – It depends on your broker and your account type. This is non-hedging account. Cannot hold buy and sell positions at the same time. Also it is FIFO system (First In First Out).

EA MT4 and EA MT5 – You can place EA on the chart, it will communicate between Mirror and Terminal. It doesn’t require API. (Note: Not Available at this stage)

Note: Yellow highlights. This is for master only. When you select one of these, it will change from follower (orange) to master (blue).

Broker Short Name

Keep Broker name shorter e.g. EagleXM Trading Europe Ltd.

Broker Abbreviate (max. 10 chars)

It is abbr. up to 10 characters. e.g. EAGLEXM



User Name / Account Number

This is your login details for access. If you do not know the IP ADDRESS of your broker. [Click this for more information.](#)

Custom CID

This is Computer ID. To keep user access as unique. If blank, it generates random CID every time when it login/connected.

Proxy Server and User Name

This is essentially each account on the internet that has an IP address of its own. See other documentation for more information.

Follower Account – Settings Tab

Auto Copy Open Buy/Sell Trade

When master trade is opened...

True – It will copy to follower's account.

False – It will not copy to follower's account.

Both Direction

True – Default. It will accept the order to copy.

False – It allows one direction. i.e. BUY SIDE or SELL SIDE that based on the FIRST ORDER.

For example:

First opened trade is BUY, it will send the BUY order to all followers.

Second opened order is SELL; it will NOT send the SELL order to all followers.

Auto Copy Close Trade

When master trade is closed...

True – It will close follower's trade.

False – It will not close follower's trade. Some users want to able to close the trade by manually.

Asynchronous Closing Trades (faster)

If no, it closes the trade one by one.

if yes, it closes all the trades at the same time but some brokers (i.e.EXNESS MT4) doesn't support this.

Repeat Open Orders for this Follower

Examples: Master parameter [Repeat Open Orders] = None

Example 1:

☒ Fixed Orders ☐ Split Lots

Follower volume size to trade is 0.25

Follower will open 3 trades with

- Trade #1 = 0.25
- Trade #2 = 0.25
- Trade #3 = 0.25



Example 2:

☒ Fixed Orders ☒ Split Lots

Follower volume size to trade is 1.48

Follower will open 2 trades with

- Trade #1 = 0.74
- Trade #2 = 0.74

Example 3:

☒ Auto Max Lots Per Order

Follower volume size to trade is 0.50

Follower will repeat 3 orders:

- Trade #1 = 0.20
- Trade #2 = 0.20
- Trade #3 = 0.10

Example 4:

☒ Auto Max Lots Per Order

Follower volume size to trade is 0.70

Follower will repeat 4 orders:

- Trade #1 = 0.20
- Trade #2 = 0.20
- Trade #3 = 0.20
- Trade #4 = 0.10

Trade Placed Type

You can choose: **Manually**, Expert, Mobile, Web, Signal

Example: Manually - Broker thinks you have traded manually.

Note: MT4 API doesn't have mobile, web and signal type. We will investigate it in the future.

Trade Placed Type Randomize

True - Mirror choose one of 'trade placed' types randomly per trade.

False - Disable

Number of opened trades per symbol Max

Number of Opened Trades per Symbol Max

This helps to prevent opening more than x number of trades per symbol. Default = 0 (off).

Magic#

This is a Magic Number or Expert Advisor ID. Set its own unique ID when sending an order.



For example, #1 (comma separated list of magic numbers):

1,99,52,90,100

It would randomly choose a magic number 1 or 99 or 52 or 90 or 100.

For example, #2 (Magic Number range):

1-5

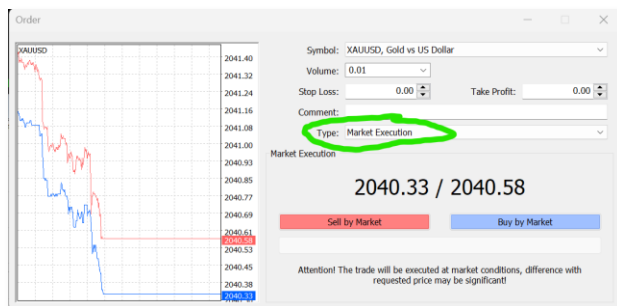
It would randomly choose a magic number between 1 and 5.

Open Trade Slippage Max

This is a maximum deviation (slippage). It is maximum amount of additional slippage beyond the expected price impact that will be allowed on the product. If the slippage exceeds this amount, the order will fail in order to protect the trader from a bad price (OFF_QUOTES / REQUOTES / NO_PRICES / PRICE_OFF).

Note: Only work with “instant execution” type of account.

Example: This is Market Execution. Slippage Max will not work.



Reverse Trade (Opposite Order Type and Opposite TP/SL and TP/SL Auto Distance)

Opposite Order Type

- False - Master opens **BUY** trade and Follower opens **BUY** trade OR Master opens **SELL** trade and Follower opens **SELL** trade.
- True - Master opens **BUY** trade and Follower opens **SELL** trade OR Master opens **SELL** trade and Follower opens **BUY** trade.

Opposite TP/SL

- False - Follower TP in points = Master TP in points and Follower SL in points = Master SL in points.
- True - Follower TP in points = Master SL in points and Follower SL in points = Master TP in points.

Examples

Let's say Master SL=300 points & TP=600 points

Master opens BUY EURUSD price=1.10301 SL=1.10001 TP=1.10901

Example 1: ☐ Opposite Order Type & ☐ Opposite TP/SL

Follower opens BUY EURUSD price=1.10301 SL=1.10001 TP=1.10901 (*Follower SL=300 points & TP=600 points*)

Example 2: ☐ Opposite Order Type & ☒ Opposite TP/SL

Follower opens BUY EURUSD price=1.10301 SL=1.09701 TP=1.10601 (*Follower SL=600 points & TP=300 points*)

Example 3: ☒ Opposite Order Type & ☐ Opposite TP/SL

Follower opens SELL EURUSD price=1.10301 SL=1.10601 TP=1.09701 (*Follower SL=300 points & TP=600 points*)

Example 4: ☒ Opposite Order Type & ☒ Opposite TP/SL

Follower opens SELL EURUSD price=1.10301 SL=1.10901 TP=1.10001 (*Follower SL=600 points & TP=300 points*)



MM Mode (Money Management) – Global / Per Symbol

There are 7 options

1. Manual Fixed Lot Size
2. Same Lot Size As Master (Based on Multiplier)
3. Same Lot Size As Master (Based on %)
4. Same Ratio As Master By Balance
5. Same Ratio As Master By Equity
6. Risk % Based on Free Margin
7. Risk % Based on Equity and Stop Loss

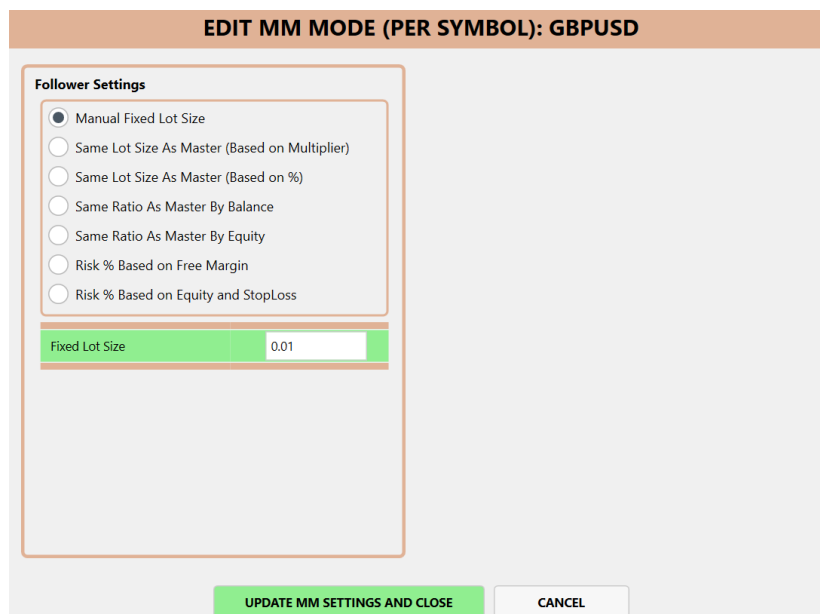
Contract Size calculation

Some brokers have different contract size per lot. Let's say, Broker A offer the GOLD at 100 contracts and broker B offer XAUUSD at 1 contract. It means Broker A is 100 times bigger than Broker B.

You can choose to enable or disable this option "Use Contract Size" (Enable as default).

You will find this option under "SAME LOT SIZE AS MASTER" and "SAME RATIO AS MASTER". See examples below.

1. Manual Fixed Lot Size



Every trade opens at the same lot size. It doesn't depend on Master/Follower Contract Size.



2. Same Lot Size As Master (Based on Multiplier)

EDIT MM MODE (PER SYMBOL): GOLD

Follower Settings

☐ Manual Fixed Lot Size
 ☒ Same Lot Size As Master (Based on Multiplier)
 ☐ Same Lot Size As Master (Based on %)
 ☐ Same Ratio As Master By Balance
 ☐ Same Ratio As Master By Equity
 ☐ Risk % Based on Free Margin
 ☐ Risk % Based on Equity and StopLoss

Multiplier x

Symbol (Test Only)*

If account is cents then try disable Contract Size checkbox.
 Incl. Contract Size Calculation ☒ 100

Master (Example)

Master Lot Size	<input type="text" value="0.17"/>
Master Contract Size	<input type="text" value="100"/>

Test Result

Contract Size Ratio	1.00000
Follower Lot Size	0.17

GET RESULT

UPDATE MM SETTINGS AND CLOSE

CANCEL

Depends on Master/Follower Contract Size

Examples: Master lot size is 0.17 and follower lot size is calculated to ...

Example 1: Master Contract size is 100 and Follower Contract size is 100 (then contract size ratio is 1)

$$0.17 \times \text{contract size ratio (1)} = 0.17$$

Example 2: Master Contract size is 1 and Follower Contract size is 100 (then contract size ratio is 0.01)

$$0.17 \times \text{contract size ratio (0.01)} = 0.01 \text{ (minimum)}$$

Example 3: Master Contract size is 100 and Follower Contract size is 1 (then contract size ratio is 100)

$$0.17 \times \text{contract size ratio (100)} = 17.00$$

3. Same Lot Size As Master (Based on %)

EDIT MM MODE (PER SYMBOL): GOLD

Follower Settings

☐ Manual Fixed Lot Size
 ☐ Same Lot Size As Master (Based on Multiplier)
 ☒ Same Lot Size As Master (Based on %)
 ☐ Same Ratio As Master By Balance
 ☐ Same Ratio As Master By Equity
 ☐ Risk % Based on Free Margin
 ☐ Risk % Based on Equity and StopLoss

Percentage (%)

Symbol (Test Only)*

If account is cents then try disable Contract Size checkbox.
 Incl. Contract Size Calculation ☒ 100

Master (Example)

Master Lot Size	<input type="text" value="0.17"/>
Master Contract Size	<input type="text" value="100"/>

Test Result

Contract Size Ratio	1.00000
Follower Lot Size	0.08

GET RESULT

UPDATE MM SETTINGS AND CLOSE

CANCEL



4. and 5. Same Ratio As Master By Balance Or By Equity

EDIT MM MODE (PER SYMBOL): GOLD

Follower Settings

☐ Manual Fixed Lot Size
 ☐ Same Lot Size As Master (Based on Multiplier)
 ☐ Same Lot Size As Master (Based on %)
 ☒ Same Ratio As Master By Balance
 ☐ Same Ratio As Master By Equity
 ☐ Risk % Based on Free Margin
 ☐ Risk % Based on Equity and StopLoss

Multiplier x

Symbol (Test Only)*

If account is cents then try disable Contract Size checkbox.
 Incl. Contract Size Calculation ☒ 100

Balance

Master (Example)

Master Lot Size	<input type="text" value="0.10"/>
Master Contract Size	<input type="text" value="100"/>
Balance/Equity	<input type="text" value="1000"/>

Test Result

Contract Size Ratio

Follower Lot Size

Depends on Master/Follower Contract Size

For examples: Amount = you can select **Balance** or **Equity**, ratio = master Amount / master Volume

follower lot size = follower Amount / ratio

Example 1:

Master Amount = 1,000 and master Volume = 0.10, follower Amount = 5,000. Calculation: ratio = 1,000 / 0.10 = 10,000

follower lot size = 5,000 / ratio = **0.50**

Example 2:

Master Amount = 25,500 and master Volume = 0.17, follower Amount = 5,000. Calculation: ratio = 25,500 / 0.17 = 150,000

follower lot size = 5,000 / ratio = **0.03**

Example 3:

Master Contract size is 1 and Follower Contract size is 10 (then contract size ratio is 0.1)

Master Amount = 1,000 and master Volume = 0.10, follower Amount = 5,000

Calculation: ratio = 1,000 / 0.10 = 10,000

follower lot size = 5,000 / ratio = **0.50 x contract size ratio (0.1) = 0.05**

Example 4:

Master Contract size is 1 and Follower Contract size is 10 (then contract size ratio is 0.1)

Master Amount = 25,500 and master Volume = 0.17, follower Amount = 5,000

Calculation: ratio = 25,500 / 0.17 = 150,000

follower lot size = 5,000 / ratio = **0.03 x contract size ratio (0.1) = 0.003** this is below the minimum then mirror will overwrite the lot size for follower to minimum lot size e.g. 0.01



6. Risk % Based on Free Margin

EDIT MM MODE (PER SYMBOL): GOLD

Follower Settings

- ☐ Manual Fixed Lot Size
- ☐ Same Lot Size As Master (Based on Multiplier)
- ☐ Same Lot Size As Master (Based on %)
- ☐ Same Ratio As Master By Balance
- ☐ Same Ratio As Master By Equity
- ☒ Risk % Based on Free Margin
- ☐ Risk % Based on Equity and StopLoss

Risk Percentage (%)	20
Symbol (Test Only)*	GOLD
Free Margin	1000

Test Result

Margin Requirement Per Lot 9861.41

Follower Lot Size 0.02 **GET RESULT**

UPDATE MM SETTINGS AND CLOSE **CANCEL**

Example 1:

Risk Percentage = 20%

Margin requirement = 9,861.41 for 1 lot

Free margin = 1,000 USD

Calculation:

Money use to trade (1,000 USD * 20%) = 200 USD

Lot Size (200 / 9,861.41) = 0.02



7. Risk % Based on Equity and Stop Loss

EDIT MM MODE (PER SYMBOL): USDJPY

Follower Settings

☐ Manual Fixed Lot Size

☐ Same Lot Size As Master (Based on Multiplier)

☐ Same Lot Size As Master (Based on %)

☐ Same Ratio As Master By Balance

☐ Same Ratio As Master By Equity

☐ Risk % Based on Free Margin

☒ Risk % Based on Equity and StopLoss

Risk Percentage (%)1.00

Symbol (Test Only)*USDJPY

Equity10320.19

Custom Stop Loss in Point1000

Test Result

Tick Value (\$/Point)0.70324


Follower Lot Size 0.15 **GET RESULT**

UPDATE MM SETTINGS AND CLOSE

CANCEL

Requirement:

Set up Custom Stop Loss Per Symbol

MM Mode (Per Symbol) ☒ [Risk %] [Risk on Equity = 0.50%]  **EDIT MM**

One Order ☐ incl. TP/SL in one go

☐ Custom Take Profit 0 (Point-based) ☐ Enable Hidden TP

☒ Custom Stop Loss 1000 (Point-based) ☐ Enable Hidden SL

Example 1:

Risk Percentage = 1%, Equity = 10,320.19 USD, Stop Loss = 1000 points

Calculation:

Tick Value = 0.70324 (\$/Point)

Money use to risk (10,320.19 USD * 1%) = 103.20 USD

Lot Size = 0.15



Compare (<https://www.myfxbook.com/forex-calculators/position-size/USDJPY>):

USDJPY Position Size Calculator

Values	
Currency Pair:	USDJPY
Account Currency:	USD
Account Size:	10,320.19
Risk Ratio, %:	1
Stop-Loss, Pips:	100
Trade Size (Units):	100,000
USDJPY:	143.78600
<div>Reset Calculate</div>	

Swap with Money

Results	
Money, USD	\$103.2
Units	14,839
Sizing	0.15 lots



Lot Size – Override

Example 1. Set Minimum = 0.05. To copy the trade, when the lot size is 0.02 then Mirror will replace the lot size to 0.05 instead of 0.02.

Example 2. Set Maximum = 1.00. To copy the trade, when the lot size is 3.50 then Mirror will replace the lot size to 1.00 instead of 3.50.

Lot Size - Filter Out

Do not trade when follower lots size is below the minimum or above the maximum.

Example 1: Set Minimum = 0.05

- Let's say the trading lot size for follower is 0.04 then **NO COPY**.
- If the trading lot size for follower is 0.07 then Mirror allows to copy.

Example 2: Set Maximum = 0.50

- Let's say the trading lot size for follower is 0.55 then **NO COPY**.
- If the trading lot size for follower is 0.07 then Mirror allows to copy.

Copy Order Comment

NONE - Copied orders will have no comment.

SAME_AS_MASTER - Copied orders will have the same comment as master's trade.

CUSTOM - Set a specific comment for copied orders.

MASTER_MIRROR_CUSTOM - Copied orders will have the custom comment from master's mirror dialog box.

Copy TP / SL (Opposite TP/SL and TP/SL Auto Distance)

True/False – Copy Take Profit

True/False – Copy Stop Loss

True/False – Including Modify

True/False – One Order incl. TP/SL in one go

True – Places a new order with both Take Profit (TP) and Stop Loss (SL) in a single execution. *(Note: Some brokers may reject this method.)*

False – Places a new order **without** TP and SL, then modifies the trade **after execution** to add TP and SL.

IMPORTANT NOTE:

If the follower's broker requires a minimum Stop Level of 50 points and the master's TP/SL is set lower, the TP/SL will be ignored or skipped.



Close All Trades - Target DD/TP

Close All Trades - Target DD/TP (Currency)	<input type="checkbox"/> Below Target	<input type="text" value="-0.00"/>	<input type="checkbox"/> Above Target	<input type="text" value="0.00"/>
Close All Trades - Target DD/TP (Percent)	<input checked="" type="checkbox"/> Below Target (%)	<input type="text" value="-4.00"/>	<input checked="" type="checkbox"/> Above Target (%)	<input type="text" value="4.00"/>
	<input type="checkbox"/> Stop Trading Below Target		<input type="checkbox"/> Stop Trading Above Target	

Below Target (always in negative)

When the Live PL* or Live PL % goes below the target. It will close all the trades (this follower).

If Stop Trading Below Target** = True. It will not open any new trade.

Above Target

When the Live PL* or Live PL % goes above the target. It will close all the trades (this follower).

If Stop Trading Above Target ** = True. It will not open any new trade.

*Live PL

Balance	Equity	Free Margin	Live PL	Connection	Status
9,871.74	9,871.74	9,871.74	0.00	Connected	Ready
0.00	0.00	0.00	0.00	Disconnected	Inactive
2,358.10	2,358.10	2,358.10	0.00	Connected	Ready

Stop Trading Below/Above Target = true. It will **disable this "Select" box. You can tick this box again to continue else pause.

MIRROR TRADING MANAGER V5.2.0 CONNECTED 4/4 2024-03-21 10:23:48					
ACCOUNTS					
Select	Number	Trader Name	Type	Username	Broker
<input type="checkbox"/>	001	ANTON1	M-MANUAL	****	****
<input checked="" type="checkbox"/>		[+] ANTON2	M-CTRADER	****	****
<input checked="" type="checkbox"/>		ANTON3	M-MT4	****	****
<input checked="" type="checkbox"/>	001	[+] Johan	F-MT4	****	****
<input checked="" type="checkbox"/>		[+] Paul	F-MT4	****	****
<input type="checkbox"/>		Wayne	F-MT5	****	****

Close All Trades - Equity Protector

Below Level

When the equity amount (money, not the percentage) goes below the level. It will close all trades (this follower account).

Above Level

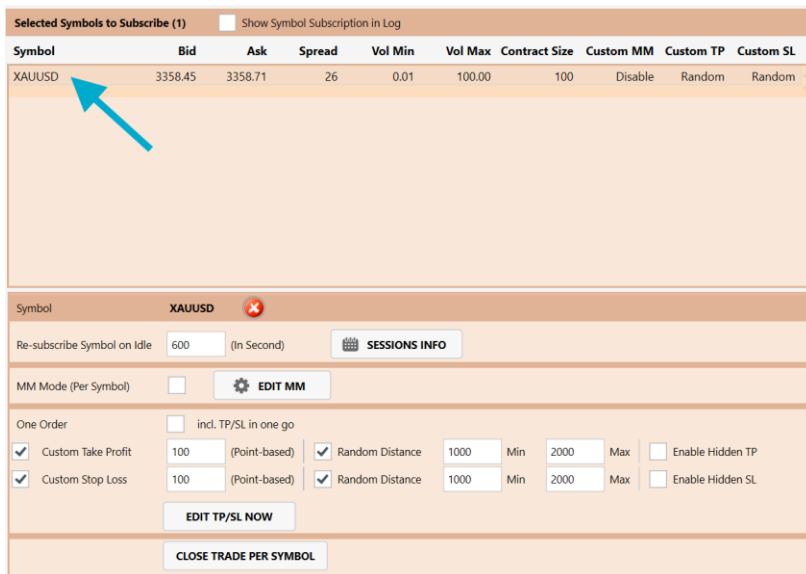
When the equity amount (money, not the percentage) goes above the level. It will close all trades (this follower account).

IMPORTANT NOTE:

It will not open new trade. To protect from opening and closing trades in loop. You need to update the level to activate this follower.



Follower Account – Symbols Tab



Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size	Custom MM	Custom TP	Custom SL
XAUUSD	3358.45	3358.71	26	0.01	100.00	100	Disable	Random	Random

Symbol: **XAUUSD**

Re-subscribe Symbol on Idle: 600 (In Second)

MM Mode (Per Symbol): ☐ **EDIT MM**

One Order: ☐ incl. TP/SL in one go

☒ Custom Take Profit: 100 (Point-based) ☒ Random Distance: 1000 Min 2000 Max ☐ Enable Hidden TP

☒ Custom Stop Loss: 100 (Point-based) ☒ Random Distance: 1000 Min 2000 Max ☐ Enable Hidden SL

EDIT TP/SL NOW

CLOSE TRADE PER SYMBOL

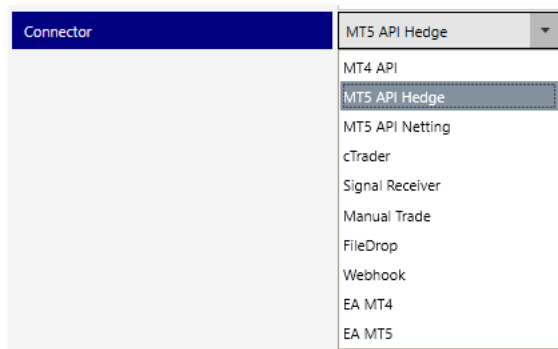
Click one of the selected symbols (for example, XAUUSD)

1. **Re-subscribe Symbol on Idle.** If no data feed is received for more than 600 seconds, the system will automatically resubscribe.
2. **MM Mode per Symbol** (if no tick, it will depend on Global MM Mode in Settings Tab).
3. **One Order incl. TP/SL in one go.**
 - a. **True** – Places a new order with both Take Profit (TP) and Stop Loss (SL) in a single execution. (*Note: Some brokers may reject this method.*)
 - b. **False** – Places a new order **without** TP and SL, then modifies the trade **after execution** to add TP and SL.
 - c. **IMPORTANT NOTE:** If the follower's broker requires a minimum Stop Level of 50 points and the master's TP/SL is set lower, the TP/SL will be ignored or skipped.
4. **Custom Take Profit / Stop Loss**
 - a. TP and SL are configured using a point-based system rather than price levels.
 - b. When the "Random Distance" option is enabled, the Take Profit and Stop Loss distances will be randomly selected between 1,000 and 2,000 points.
 - c. Enable Hidden TP/SL – This option hides the TP/SL levels from the broker. Mirror will manage them internally.
5. **[EDIT TP/SL NOW]** button – Open trades will be updated with the specified TP and SL levels (see #4).
6. **[CLOSE TRADE PER SYMBOL]** button – It will only close trades for the selected symbol.



Master Account – Login Tab

Connector



MT4 API, MT5 API Hedge and cTrader connect via API.

MT5 API Netting – It depends on your broker and your account type. This is non-hedging account. Cannot hold buy and sell positions at the same time. Also, it is FIFO system (First In First Out).

Signal Receiver – It is remote copier. It connects to Mirror Master Signal Provider from another machine.

FileDrop - [Click here for more information](#).

Webhook – [Click here for more information](#).

EA MT4 and EA MT5 – You can place EA on the chart, it will communicate between Mirror and Terminal. It doesn't require API.

Master Account – Settings Tab

Auto Copy Open Buy/Sell Trade

When master trade is opened...

True – It will copy to ALL follower accounts.

False – It will not copy.

Both Direction

True – Default. It will send whatever order to all followers.

False – It allows one direction. i.e. BUY SIDE or SELL SIDE that based on the FIRST ORDER.

For example:

First opened trade is BUY, it will send the BUY order to all followers.

Second opened order is SELL; it will NOT send the SELL order to all followers.

Auto Copy Close Trade

When master trade is closed...

True – It will close ALL follower trades. But depends on option

- Both – it will send the close order to all followers as usual.
- Profit Only – when master trade is in profit then it will send the close order to all followers.
- Loss Only – when master trade is in loss then it will send the close order to all followers.

False – It will not close follower trades. Some users want to be able to close the trade manually.



Repeat Open Orders for ALL Followers

Examples: *It will override all Followers parameter [Repeat Open Orders]*

Example 1:

☒ Fixed Orders ☐ Split Lots

Master open 1 trade and copy to **ALL** followers - each follower will have 3 opened trades

Follower volume size to trade is 0.25

Follower will open 3 trades with

- Trade #1 = 0.25
- Trade #2 = 0.25
- Trade #3 = 0.25

Example 2:

☒ Fixed Orders ☒ Split Lots

Master open 1 trade and copy to **ALL** followers - each follower will have 3 opened trades.

Follower volume size to trade is 0.90

Follower will open 3 trades with

- Trade #1 = 0.30
- Trade #2 = 0.30
- Trade #3 = 0.30

Too old to be copied / do not copy older than

Example: 12 hours

Mirror will check between current broker server time and opened trade time. If it is older than 12 hours, then it will not copy to followers.

Custom Comment for Follower Trade

Example: WONDER

Don't forget to open Follower Account Dialog Box

Set Copy Order Comment -> select "MASTER_MIRROR_CUSTOM".

Example on Follower trading:

Comment
WONDER



Random delay on Open/Close trades

Random delay on trades on purpose to help keep copied trades more unique.

It will generate any time between minimum and maximum in milliseconds.

Example: Min = 2000ms and Max = 10000ms. Mirror will choose any number between 2 and 10 seconds. Each follower will have different delay time.

Gap Distance Max

For example: That it to be copied with a delay of x time as long as it does not exceed a movement of x points.

Random delay on Open Trades	<input checked="" type="checkbox"/>	<input type="text" value="2000"/>	Min (ms)	<input type="text" value="10000"/>	Max (ms)	<input type="checkbox"/>	Gap Distance Max	<input type="text" value="0"/>	(Point-based)
Random delay on Close Trades	<input checked="" type="checkbox"/>	<input type="text" value="2000"/>	Min (ms)	<input type="text" value="10000"/>	Max (ms)	<input type="checkbox"/>	Gap Distance Max	<input type="text" value="0"/>	(Point-based)

Pending Orders

Enable / Disable

<input checked="" type="checkbox"/> All Limit Orders	<input checked="" type="checkbox"/> All Stop Orders	<input checked="" type="checkbox"/> Updating Order price
<input type="checkbox"/> Buy Limit Orders	<input type="checkbox"/> Buy Stop Orders	
<input type="checkbox"/> Sell Limit Orders	<input type="checkbox"/> Sell Stop Orders	



Magic Numbers - Specific Filter

If blank -> no filter (other word, it means any or all EA magic numbers are included).

If not blank -> a comma-separated list of EA magic numbers will be included.

For example, #1:

0,123,999

It will include manual orders (which have magic number 0), plus orders from the EA(s) which use the magic numbers 123 and 999.

For example, #2:

0,100-500

It will include manual orders (which have magic number 0), plus orders from the EA(s) which use the magic numbers range between 100 and 500.

For example, #3:

!1234

All magic numbers will be included except the following: 1234. Other word magic number with 1234 will not be copied.

Comments - Specific Filter

If blank -> no filter (other word, it means any or all comments are included).

If not blank -> a comma-separated list of order comments will be included.

For example, #1:

grid,"TeacherEA",[blank]

It will match an order with comment includes "grid" (e.g. grid123 or 123grid)

Or an order with comment is the exact text "TeacherEA".

Or an order with blank comment

For example, #2:

!grid

All orders will be included except the following: *grid*. Other word order comment with grid (e.g. grid123 or 123grid) will not be copied.

Note: This match is case-sensitive.



Lot Size - Specific Filter

If blank -> no filter (other word, it means any or all lot sizes are included).

If not blank -> a comma-separated list of lot sizes will be included.

For example, #1:

0.05,0.08

All lot sizes will be excluded expect the following: 0.05 and 0.08. Other word lot size with 0.05 or 0.08 will be copied.

For example, #2:

0.10-0.50

All lot sizes will be included with in range between 0.10 and 0.50.

For example, #3:

!0.10

All lot sizes will be included expect the following: 0.10. Other word lot size with 0.10 will not be copied.

Close All Trades - Equity Protector

Below Level

When the equity amount (money, not the percentage) goes below the level. It will close all trades (this master account), also it will close all followers' trades.

Above Level

When the equity balance amount (money, not the percentage) goes above the level. It will close all trades (this master account), also it will close all followers' trades.

IMPORTANT NOTE:

When it reaches the level. Mirror will untick Below Level & Above Level checkboxes automatically. And it will disconnect this master connection automatically. To protect from opening and closing trades in loop. You need to update the level and re-login manually.



Webhook – Automatic Order Submission Setup (Pro Version Only)

To add Webhook connector.



Click [Add New Account], Master = Checked and select Connector: Webhook

Login	Settings	Symbols	Notifications	News	Signal Provider
<div>Master <input checked="" type="checkbox"/></div> <div>Enable <input checked="" type="checkbox"/></div> <div>Auto Deactivate Login <input type="checkbox"/> 2025-07-17 08:00 </div> <div>Number/Group Name (max. 10 chars) 016</div> <div>Trader Name (unique)* Master-Webhook</div> <div>Connector Webhook <input type="checkbox"/> Force to Reconnect <input type="checkbox"/> Show Request in Log <input checked="" type="checkbox"/> Show Response in Log</div> <div>Broker Short Name* tradingview</div> <div>Broker Abbreviate (max. 16 chars)*</div> <div>Virtual Balance and Equity 100000.00</div> <div>Webhook Enable <input checked="" type="checkbox"/> http://+:17192/</div> <div>Webhook PIN CODE 12345</div>					
Auto Login At Start Up <input checked="" type="checkbox"/>					

You can add Webhook PIN CODE (for example: 12345)

To enable firewall, you need to open the port number 17192 (or you can choose any port you like).



Login
Settings
Symbols
Notifications
News
Signal Provider

List of Available Symbols (30)

☒ AUDCAD
☒ AUDCHF
☒ AUDJPY
☒ AUDNZD
☒ AUDUSD
☒ CADCHF
☒ CADJPY
☒ CHFJPY
☒ EURAUD
☒ EURCAD
☒ EURCHF
☒ EURGBP
☒ EURJPY
☒ EURNZD
☒ EURUSD
☒ GBPAUD
☒ GBPCAD
☒ GBPCHF
☒ GBPJPY
☒ GBPUSD

MAJOR FX (8)
MINOR FX (29)

COPY SELECTED
PASTE

Selected Symbols to Subscribe (29)
☐ Show Symbol Subscription in Log

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size
AUDCAD	0.00000	0.00000	0	0.00	0.00	100,000
AUDCHF	0.00000	0.00000	0	0.00	0.00	100,000
AUDJPY	0.000	0.000	0	0.00	0.00	100,000
AUDNZD	0.00000	0.00000	0	0.00	0.00	100,000
AUDUSD	0.00000	0.00000	0	0.00	0.00	100,000
CADCHF	0.00000	0.00000	0	0.00	0.00	100,000
CADJPY	0.000	0.000	0	0.00	0.00	100,000
CHFJPY	0.00000	0.00000	0	0.00	0.00	100,000
EURAUD	0.00000	0.00000	0	0.00	0.00	100,000
EURCAD	0.00000	0.00000	0	0.00	0.00	100,000
EURCHF	0.00000	0.00000	0	0.00	0.00	100,000
EURGBP	0.00000	0.00000	0	0.00	0.00	100,000
EURJPY	0.000	0.000	0	0.00	0.00	100,000
EURNZD	0.00000	0.00000	0	0.00	0.00	100,000
EURUSD	0.00000	0.00000	0	0.00	0.00	100,000
GBPAUD	0.00000	0.00000	0	0.00	0.00	100,000
GBPCAD	0.00000	0.00000	0	0.00	0.00	100,000
GBPCHF	0.00000	0.00000	0	0.00	0.00	100,000
GBPJPY	0.00000	0.00000	0	0.00	0.00	100,000
GBPNZD	0.00000	0.00000	0	0.00	0.00	100,000
GBPUSD	0.00000	0.00000	0	0.00	0.00	100,000

Symbol
EURUSD

Re-subscribe Symbol on Idle
600
(In Second)

SESSIONS INFO

Select All Symbols if you want to or select specific symbols.



Webhook – TradingView Alert (Pro Version Only)

Example from TradingView Alert

(For more details. See TradingView Support website: <https://www.tradingview.com/support/solutions/43000529348-about-webhooks/>)

1. Add the Webhook URL in TradingView Alert

- Go to your chart
- Create a new **Alert**
- In the "**Actions**" section, enable **Webhook URL**
- Paste your endpoint (e.g., `http://your vps address:17192/`)

2. Add Your JSON Message

Example:

```
{"NewOrders":[{"Symbol":"{{ticker}}","OrderType":"{{strategy.order.action}}","Volume":0.01},"PIN":"12345"}
```

You can customize with TradingView placeholders: `{{close}}`, `{{open}}`, `{{time}}`, etc.

Enclose them in double braces `{{ }}`. TradingView replaces these before sending to your webhook.

3. Save & Test

- Save the alert.
- Wait for the condition to trigger.
- Go to Mirror App and check the log to see the JSON POST message there.



Webhook – JSON format

Example for Open New Order

```
{"NewOrders":[{"Symbol":"EURUSD","OrderType":"BUY"},"PIN":"12345"]}
```

Example for Close All EURUSD trades

```
{"CloseOrders":[{"Symbol":"EURUSD"},"PIN":"12345"]}
```

Example for Close All BUY SIDE trades

```
{"CloseOrders":[{"OrderType":"BUY"},"PIN":"12345"]}
```

Example for Close All EURUSD and BUY SIDE trades

```
{"CloseOrders":[{"Symbol":"EURUSD","OrderType":"BUY"},"PIN":"12345"]}
```

Example for Open New Order with Order Number

```
{"NewOrders":[{"OrderNumber":"1000","Symbol":"EURUSD","OrderType":"BUY","Volume":0.02},"PIN":"12345"]}
```

Example for Close Order Number 1000

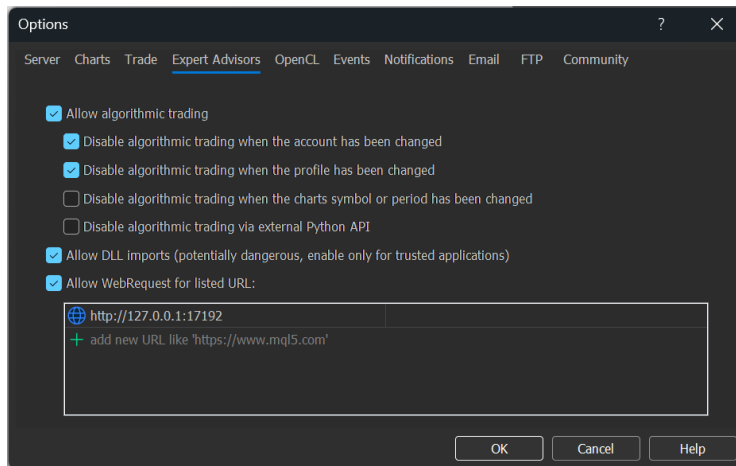
```
{"CloseOrders":[{"OrderNumber":"1000","Symbol":"EURUSD","Volume":0.02},"PIN":"12345"]}
```



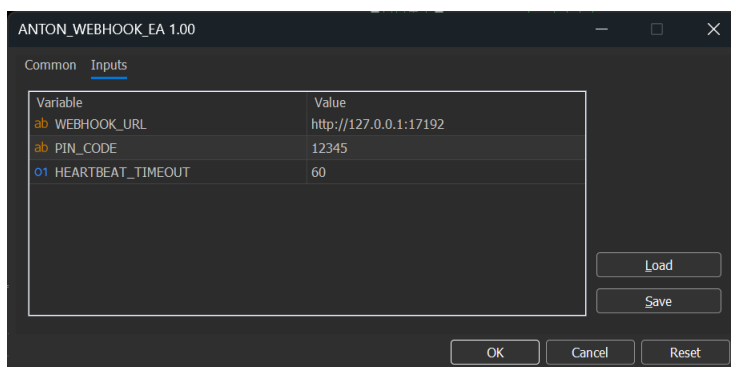
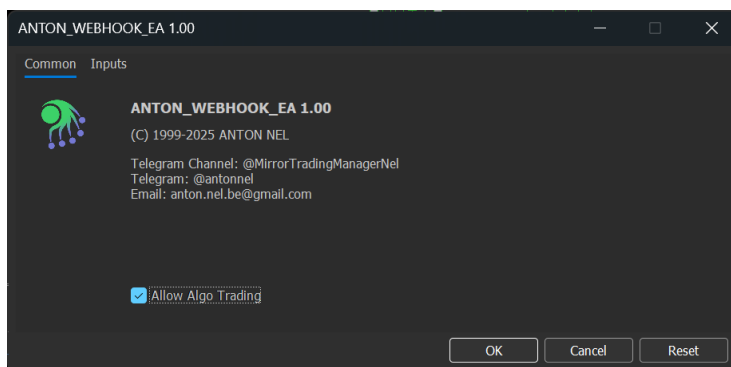
Webhook – EA (Pro Version Only)

Important Notes:

- Add URL to allowed list. Go to:
Tools → Options → Expert Advisors → Allow WebRequest for listed URL.
Add your webhook URL there (e.g. <https://your-website-url.com>)



Attach the Webhook EA to any chart in your MT5 terminal to activate it.



Click OK Button.



Time	Source	Message
2025.08.03 17:08:38.877	ANTON_WEBHOOK_FA (XAUU...	Send JSON message: {"Heartbeat":{"Tick":957568812,"PIN":"12345"} -> http://127.0.0.1:17192/PostObject
2025.08.03 17:08:38.878	ANTON_WEBHOOK_FA (XAUU...	Webhook response : {"Method":"Heartbeat","Rev":1,"Message":"957568812","ErrorCode":0}
2025.08.03 17:09:38.882	ANTON_WEBHOOK_FA (XAUU...	Send JSON message: {"Heartbeat":{"Tick":957628812,"PIN":"12345"} -> http://127.0.0.1:17192/PostObject
2025.08.03 17:09:38.883	ANTON_WEBHOOK_FA (XAUU...	Webhook response : {"Method":"Heartbeat","Rev":1,"Message":"957628812","ErrorCode":0}
2025.08.03 17:10:39.872	ANTON_WEBHOOK_FA (XAUU...	Send JSON message: {"Heartbeat":{"Tick":957689796,"PIN":"12345"} -> http://127.0.0.1:17192/PostObject
2025.08.03 17:10:39.872	ANTON_WEBHOOK_FA (XAUU...	Webhook response : {"Method":"Heartbeat","Rev":1,"Message":"957689796","ErrorCode":0}
2025.08.03 17:11:39.888	ANTON_WEBHOOK_FA (XAUU...	Send JSON message: {"Heartbeat":{"Tick":957749812,"PIN":"12345"} -> http://127.0.0.1:17192/PostObject
2025.08.03 17:11:39.888	ANTON_WEBHOOK_FA (XAUU...	Webhook response : {"Method":"Heartbeat","Rev":1,"Message":"957749812","ErrorCode":0}

Trade | Exposure | History | News | Mailbox 10 | Calendar | Company | Alerts | Articles | Code Base | **Experts** | Journal
Market | Signals | VPS | Tester
For Help, press F1
Default
132 / 10 Kb

Click Experts Tab, to see the log.



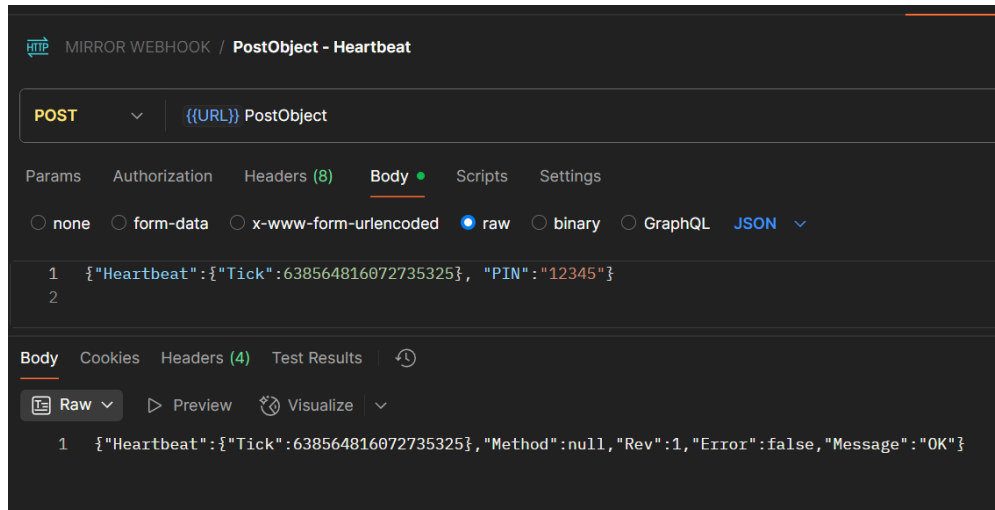
Webhook – Check and Test

To check and test the connection first.

Send the JSON message to Webhook Server

```
{"Heartbeat":{"Tick":638564816072735325}, "PIN":"12345"}
```

Example from Postman software

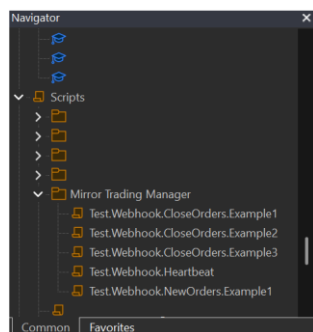


Example from MT5 platform

Important Notes:

- Add URL to allowed list. Go to:
Tools → Options → Expert Advisors → Allow WebRequest for listed URL.
Add your webhook URL there (e.g. `https://your-website-url.com`)
- Edit Mirror Trading Manager Webhook Url.txt
 - First line is webhook URL
 - Second line is webhook PIN CODE
- Copy **Mirror Trading Manager Webhook Url.txt** to MQL5\Files\ folder

We provide free scripts in source code. See MQL folder.

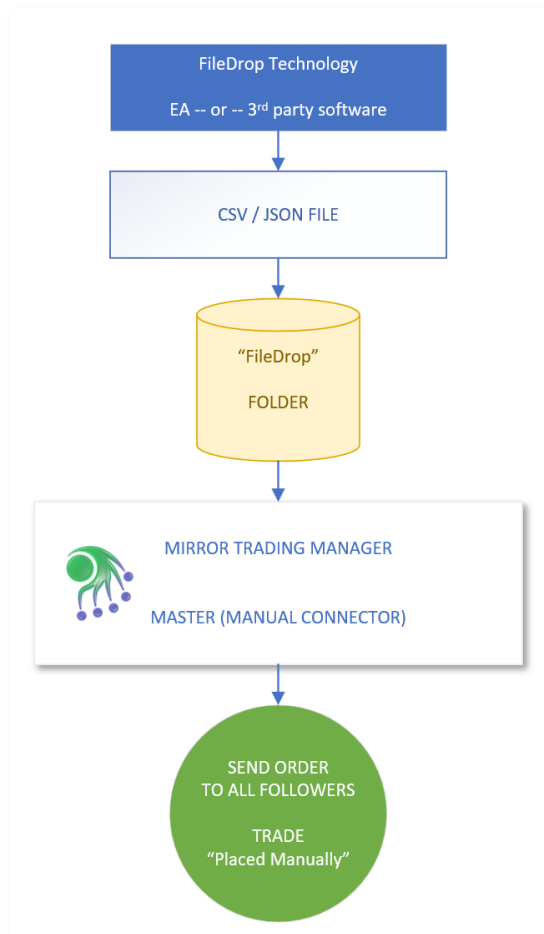


To run the script, simply drag and drop **Test.Webhook.Heartbeat** onto any open chart in your terminal.



FileDrop Technology – Automatic Order Submission (Pro Version Only)

See diagram below:



CSV FORMAT: Open New Position / Pending Order

Column 1: Action (NEW)

Column 2: ID or Order Number (numeric only or AUTO)

Column 3: Master Symbol Code

Column 4: Order Price (you can set = 0 as market price)

Column 5: Order Type (BUY/SELL/BUYLIMIT/SELLLIMIT/BUYSTOP/SELLSTOP)

Column 6: Volume

Column 7: Stop Loss in price

Column 8: Take Profit in price

Column 9: Comment (optional)

Examples:

OPEN, 1010, EURUSD, 1.12345, BUY, 0.03, 1.02345, 1.22345

OPEN, 2020, GBPUSD, 1.55345, BUYSTOP, 0.01, 1.54345, 1.56345

OPEN, AUTO, USDJPY, 1.123, BUY, 0.05, 1.023, 1.223



CSV FORMAT: Modify Opened Position / Pending Order

Column 1: Action (MODIFY)

Column 2: ID or Order Number (numeric only)

Column 3: Order Price

Column 4: Stop Loss in price

Column 5: Take Profit in price

Example:

MODIFY, 1010, 1.12345, 1.02346, 1.22346

MODIFY, 2020, 1.56345, 1.55345, 1.57345

CSV FORMAT: Close Position / Cancel Pending Order

Column 1: Action (CLOSE)

Column 2: ID or Order Number (numeric only)

Column 3: Volume (optional, future-use)

Example:

CLOSE, 1010, 0.02

CLOSE, 2020



1. First Add Follower(s)
2. Setup New Account as MASTER – Connector as FileDrop. See screenshot below for example.

The screenshot shows the 'ADD NEW ACCOUNT' dialog box with the 'Login' tab selected. The 'Connector' field is set to 'FileDrop'. Other fields include 'Master' (checked), 'Enable' (checked), 'Auto Deactivate Login' (2025-02-09 08:00), 'Number/Group Name' (max. 10 chars), 'Trader Name (unique)*' (FileDropper1), 'Broker Short Name*', 'Broker Abbreviate (max. 16 chars)*', 'Virtual Balance and Equity' (100000.00), 'FileDrop Technology Enable' (checked), 'FileDrop Path' (C:\FileDrop\), 'FileDrop Filter' (*.csv), and 'Auto Login At Start Up' (checked).

3. Tick three boxes – this is for modify the orders

The screenshot shows the 'Settings' dialog box with the 'Auto Copy Trade' section expanded. The 'Pending Orders' section is highlighted with a green box, showing 'All Limit Orders', 'All Stop Orders', and 'Updating Order price' all checked. Other options include 'Open Trade' (checked), 'Both Direction' (checked), 'Close Trade' (Both selected), 'Only when Follower trade is closed' (unchecked), 'Start Copy Time' (05:00), 'End Time' (21:59), 'Repeat Open Orders for ALL Followers' (None selected), 'Too old to be copied / do not copy older than' (12 hours), 'Random delay on trades' (unchecked), 'Min (ms)' (0), 'Max (ms)' (0), 'Max Order Amount (Point-based)' (0), 'Copy Buy' (checked), 'Copy Sell' (checked), 'Buy Limit Orders' (unchecked), 'Buy Stop Orders' (unchecked), 'Sell Limit Orders' (unchecked), and 'Sell Stop Orders' (unchecked).



4. Select Symbols

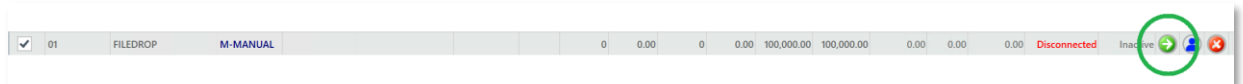
The screenshot shows the 'Symbols' tab in the Mirror Trading Manager V5 interface. The 'List of Available Symbols (886)' is on the left, and the 'Selected Symbols to Subscribe (2)' table is on the right. A green arrow points from the 'XAUUSD' symbol in the list to the 'XAUUSD' row in the table.

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size
EURUSD	1.03258	1.03263	5	0.01	100.00	100,000
XAUUSD	2861.67	2862.41	74	0.01	100.00	100

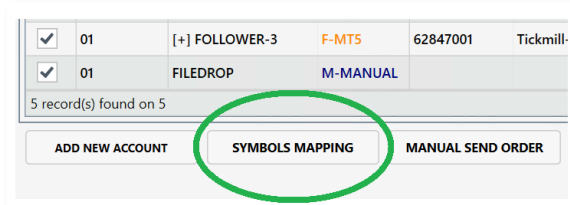
5. Then Click [Save] button.



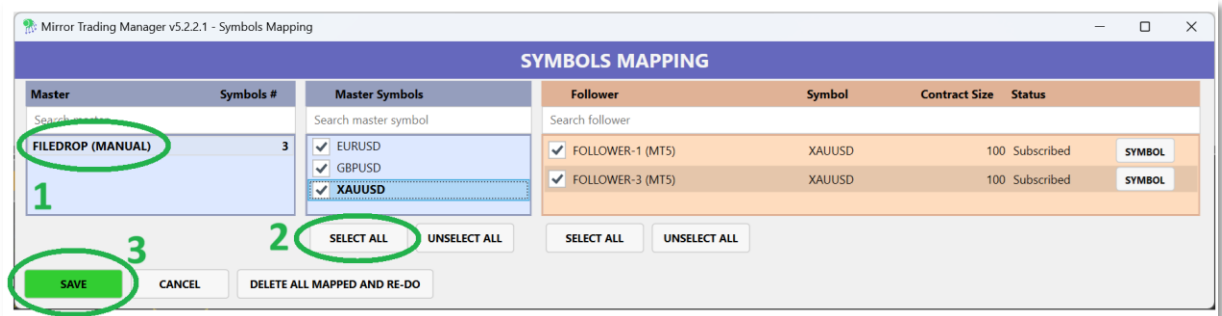
6. Click Login



- Connected: good
- Ready: good
- 3 (LIVE: 3) – It means 3 Symbols are subscribed: good
- Mapped = 0 – It means it has no mapped link between master and follower(s). Click Symbols Mapping...



7. Symbols Mapping



- Click master
- Click Select All
- Click [Save] button.



READY

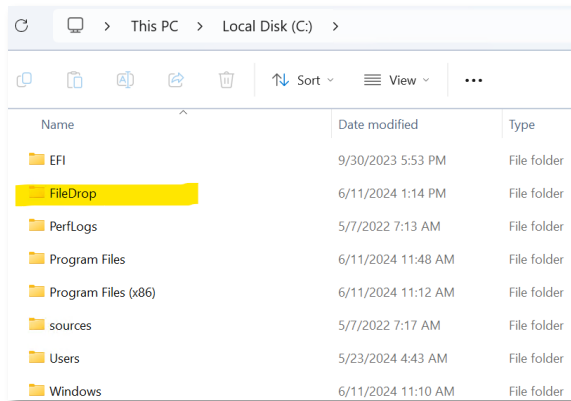
Mirror will trigger when csv file is saved in C:\FileDrop\ folder.



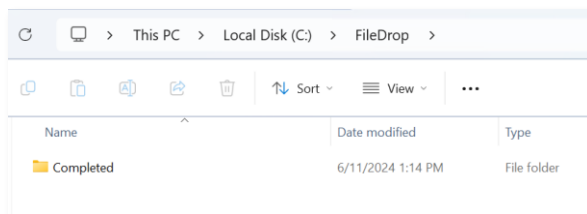
FileDrop - Example:

In Logging Panel: `Master MANUAL|FILEDROP|FileDrop Create|C:\FileDrop\|Filter=*.csv`

It means it is ready.



Open C:\FileDrop Folder

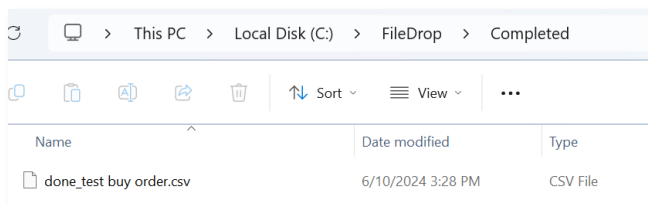


I saved **test buy order.csv** to this folder

In Logging Panel:

```
Master MANUAL|FILEDROP|FileDrop Trigger|C:\FileDrop\test buy order.csv
Master MANUAL|FILEDROP|FileDrop Read #1|NEW, 1010, EURUSD, 1.12345, BUY, 0.01, 1.02345, 1.22345
```

Working. Mirror moved the file **test buy order.csv** to Completed folder.



NOTE:

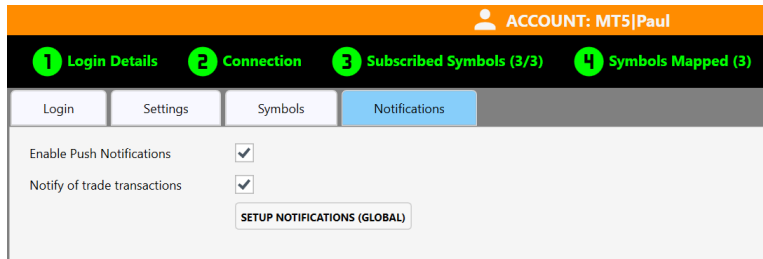
Any issue, the file will be moved to **Issue** Folder.



Telegram Push Notifications

Telegram Push Notification via BotFather

Master / Follower account, Click Notifications Tab



ACCOUNT: MT5|Paul

1 Login Details 2 Connection 3 Subscribed Symbols (3/3) 4 Symbols Mapped (3)

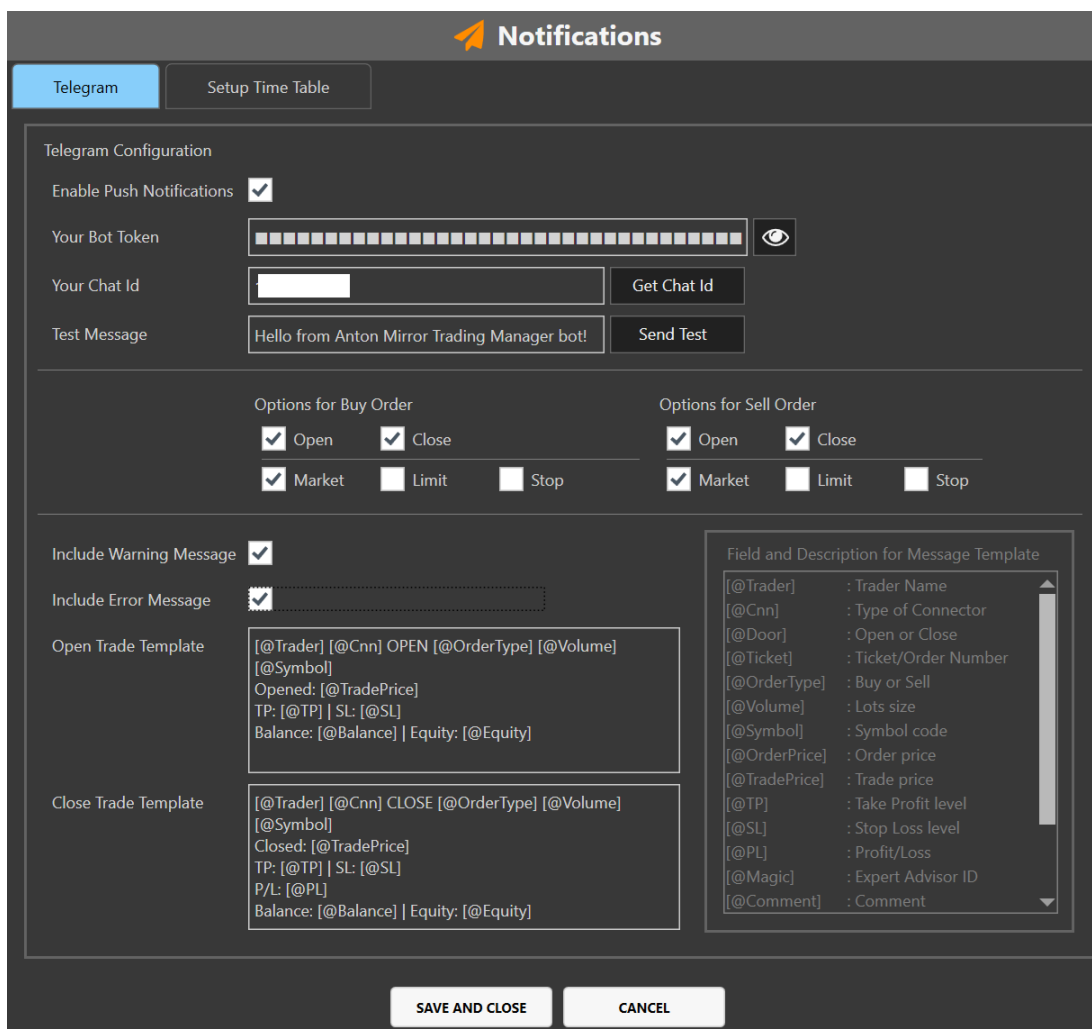
Login Settings Symbols **Notifications**

Enable Push Notifications ☒

Notify of trade transactions ☒

SETUP NOTIFICATIONS (GLOBAL)

Setup Notifications (Global)




Notifications

Telegram Setup Time Table

Telegram Configuration

Enable Push Notifications ☒

Your Bot Token 

Your Chat Id

Test Message

Options for Buy Order

☒ Open ☒ Close

☒ Market ☐ Limit ☐ Stop

Options for Sell Order

☒ Open ☒ Close

☒ Market ☐ Limit ☐ Stop

Include Warning Message ☒

Include Error Message ☒

Open Trade Template

[@Trader] [@Cnn] OPEN [@OrderType] [@Volume]
[@Symbol]
Opened: [@TradePrice]
TP: [@TP] | SL: [@SL]
Balance: [@Balance] | Equity: [@Equity]

Close Trade Template

[@Trader] [@Cnn] CLOSE [@OrderType] [@Volume]
[@Symbol]
Closed: [@TradePrice]
TP: [@TP] | SL: [@SL]
P/L: [@PL]
Balance: [@Balance] | Equity: [@Equity]

Field and Description for Message Template

[@Trader] : Trader Name
[@Cnn] : Type of Connector
[@Door] : Open or Close
[@Ticket] : Ticket/Order Number
[@OrderType] : Buy or Sell
[@Volume] : Lots size
[@Symbol] : Symbol code
[@OrderPrice] : Order price
[@TradePrice] : Trade price
[@TP] : Take Profit level
[@SL] : Stop Loss level
[@PL] : Profit/Loss
[@Magic] : Expert Advisor ID
[@Comment] : Comment

Check the box: Enable Push Notifications – this is general.



Step-by-Step: Create a Telegram Bot with BotFather

Step 1: Open Telegram

- Use the **Telegram app** (on mobile or desktop).
 - Or go to: <https://web.telegram.org>
-

Step 2: Start a Chat with BotFather

- Search for BotFather in Telegram.
 - Or go directly: t.me/BotFather
-

Step 3: Create a New Bot

Type or tap:

/newbot

BotFather will ask you for:

Step 4: Choose a Name

This is your bot's **display name**. It can have spaces and will be visible to users.

Example: My Mirror Bot

Step 5: Choose a Username

The username **must end with "bot"**, and be unique (Telegram will check it).

Example: [my_mirror_bot](https://t.me/my_mirror_bot)

✅ Success! You'll Receive:

- ✅ Your bot's **API token** (keep it secret!)
 - A link to open your bot: https://t.me/your_bot_name
-

Step 6: Save the Token

You'll use this token in your Mirror App to connect to Telegram.

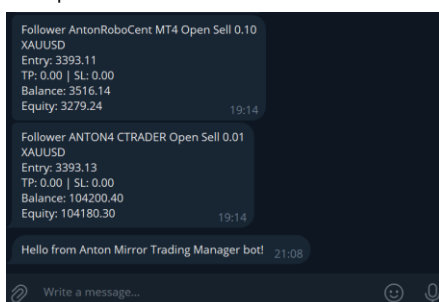
Step 7: Click [Get Chat Id] button

It will get your chat id.

Step 8: Click [Send Test] button

It will send the test message to your Telegram.

Example:










Setup Time Table:

Telegram

Setup Time Table

☒ Local ☐ UTC

(Time Format HH:MM:SS for example 22:00:00)

<input type="checkbox"/>		Sunday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>
<input checked="" type="checkbox"/>		Monday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>
<input checked="" type="checkbox"/>		Tuesday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>
<input checked="" type="checkbox"/>		Wednesday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>
<input checked="" type="checkbox"/>		Thursday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>
<input checked="" type="checkbox"/>		Friday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>
<input type="checkbox"/>		Saturday	Start Time	<input type="text" value="00:00:00"/>	End Time	<input type="text" value="23:59:59"/>

This is a Time Table, with in time frame, it able to push the notification.



Tips Settings for Prop Firms

First and foremost, Prop Firms are not formal regulations. They reserve the right to suspend or terminate your account at any time, at their discretion (other word: breach). My intention is simply to advise caution.

I've outlined 6 steps that may help reduce the risk of a breach, but please understand there are no guarantees. You proceed at your own risk.

Step 1.

Master account open/close trades must be somewhere else (e.g. mobile/other machine and Mirror running on VPS)

Setup Login Master (as read only) in Mirror.

Step 2.

It is best to have your VPS location near to your “proof of residence” location.

For example, I live in Paris and I better to get VPS data centre in Paris.

Advanced: More details on Proxy – See Mirror Trading Manager Proxy Guide.pdf.

Step 3.

Connector: Best choice is MT4 API / MT5 API because they think you trade by manually (see Step 5).

Connector: cTrader. They can see the trade was done by API. I cannot hide it from them.

CID – This is Computer ID. To keep user access as unique. If blank, it generates random CID every time when it login/connected. Each account must have a unique CID. No two accounts should share the same CID.

Connector: MT4 API

Broker Short Name*: Tickmill-DemoUK

Broker Abbreviate (max. 16 chars)*: TICKMILL

User Name / Account Number: 22108964

Broker IP Address: london05.mt4tickmill.com:447

Custom CID: 1FA18AAC06BAB2765965A929700C3D1

Random CID Generator

Step 4.

Random delay on trades on purpose to help keep copied trades more unique.

Auto Copy Trade: ☒ Open Buy Trade ☒ Open Sell Trade ☒ Both Direction (Allow Hedge) ☒ Close Trade = ☒ Both ☐ Profit Only ☐ Loss Only

Close Master Trade: ☐ Only when Follower trade is closed

Start Copy Time (HH:MM e.g. 22:00): ☐ Start Time: 10:00 End Time: 10:15

Repeat Open Orders for ALL Followers: ☒ None ☐ Fixed Orders 3 ☐ Split Lots

Too old to be copied / do not copy older than: 30 Minute(s)

Custom Comment for Follower Trade:

Random delay on Open Trades: ☒ 10000 Min (ms) 30000 Max (ms) ☐ Gap Distance Max 100 (Point-based)

Random delay on Close Trades: ☒ 10000 Min (ms) 30000 Max (ms) ☐ Gap Distance Max 100 (Point-based)



Step 5.

Trade as manual instead of EA. Set “Trade Placed Type” = Manual

Step 6.

To make TP/SL look different to Master.

Tick the checkbox to enable (see yellow rectangle).

You can set up your own custom TP / SL (see green rectangle)

Or you can choose random distance (see blue rectangle)

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size	Custom MM	Custom TP	Custom SL
AUDUSD#	0.65830	0.65845	15	0.01	50.00	100,000	Disable	-	-
EURUSD#	1.16769	1.16779	10	0.01	50.00	100,000	Disable	-	-
GBPJPY#	198.827	198.856	29	0.01	50.00	100,000	Disable	-	-
GBPUSD#	1.35395	1.35408	13	0.01	50.00	100,000	Disable	-	-
GOLD#	3341.97	3342.18	21	0.01	50.00	100	Disable	Random	Random
NZDUSD#	0.60148	0.60170	22	0.01	50.00	100,000	Disable	-	-
USDCAD#	1.36964	1.36987	23	0.01	50.00	100,000	Disable	-	-
USDCHF#	0.79729	0.79741	12	0.01	50.00	100,000	Disable	-	-
USDJPY#	146.848	146.858	10	0.01	50.00	100,000	Disable	-	-
USDZAR#	17.7763	17.7905	142	0.01	50.00	100,000	Disable	-	-



Symbols Mapping

See the video link: <https://youtu.be/XRzV22VB1tg>

First of all, make sure the selected symbols are subscribed.

Step 1 Select symbols in Master/Follower Account.

List of Available Symbols	Selected Symbols to Subscribe
Search symbol	
<input type="checkbox"/> NZDUSD <input type="checkbox"/> SG20 <input type="checkbox"/> SPAIN35 <input type="checkbox"/> STOXX50 <input type="checkbox"/> SUGAR <input type="checkbox"/> SWISS20 <input type="checkbox"/> UK100 <input type="checkbox"/> US30 <input type="checkbox"/> US500 <input type="checkbox"/> USDBRL <input checked="" type="checkbox"/> USDCAD <input type="checkbox"/> USDCHE <input type="checkbox"/> USDCNH <input type="checkbox"/> USDCZK <input type="checkbox"/> USDDKK <input type="checkbox"/> USDHKD <input type="checkbox"/> USDHUF <input checked="" type="checkbox"/> USDJPY <input type="checkbox"/> USDMXN <input type="checkbox"/> USDNOK <input type="checkbox"/> USDPLN <input type="checkbox"/> USDSEK <input type="checkbox"/> USDSGD <input type="checkbox"/> USDTRY <input checked="" type="checkbox"/> USDZAR <input type="checkbox"/> USTEC <input type="checkbox"/> VIX <input type="checkbox"/> WHEAT <input type="checkbox"/> WIG20 <input type="checkbox"/> XAGUSD <input type="checkbox"/> XAUUSD <input checked="" type="checkbox"/> XAUUSD <input type="checkbox"/> XTIUSD <input type="checkbox"/> ZINC	AUDUSD EURUSD GBPUSD USDCAD USDJPY USDZAR XAUUSD

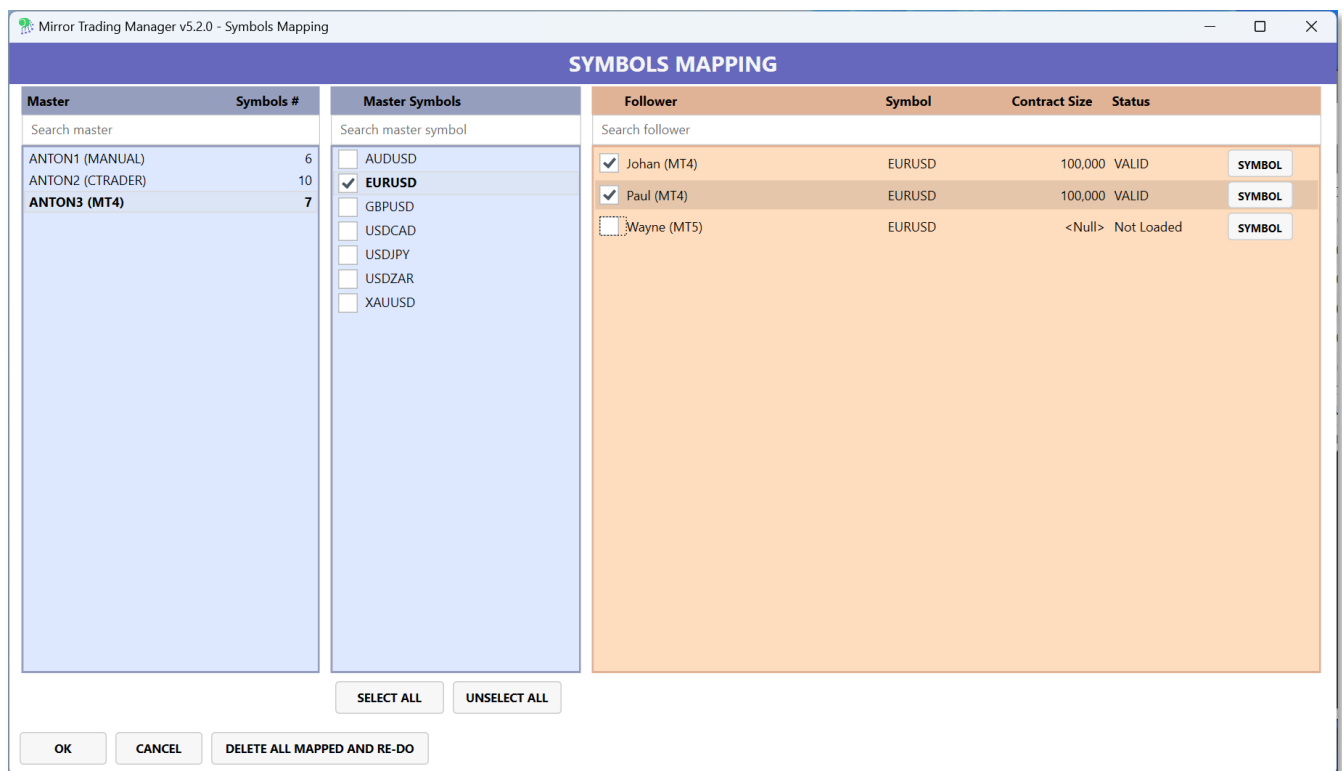
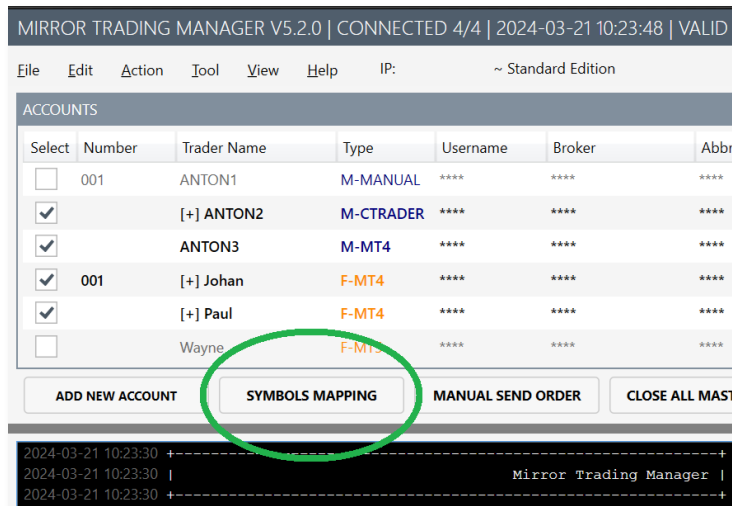
Accounts Panel

Connection	Status	L/o	Edit	Del	Trades	Total Symbols	Mapped
Disconnected	Inactive				CLOSE		0
Connected	Ready				CLOSE	10 (LIVE: 10)	2
Connected	Ready				CLOSE	7 (LIVE: 7)	0
Connected	Ready				CLOSE	4 (LIVE: 4)	1
Connected	Ready				CLOSE	6 (LIVE: 6)	1
Disconnected	Inactive				CLOSE		0

10 (LIVE: 10) means 10 symbols are selected and Live means 10 symbols are subscribed (live feed is working).



Click Symbols Mapping button.



1. Left panel: Click one of the masters. e.g. ANTON3 (MT4)
2. Middle panel: This is master's selected symbols. E.g. Click EURUSD
3. Right panel: This is Followers. E.g. Master Symbol EURUSD is mapped to Follower Symbol EURUSD

When done. Click OK button to accept and close the Symbols Mapping dialog box.



Verification if the symbols are mapped between masters and followers

Click Mapped button e.g.

Connection	Status	L/o	Edit	Del	Trades	Total Symbols	Mapped
Disconnected	Inactive				CLOSE		0
Connected	Ready				CLOSE	10 (LIVE: 10)	2
Connected	Ready				CLOSE	7 (LIVE: 7)	2
Connected	Ready				CLOSE	4 (LIVE: 4)	2
Connected	Ready				CLOSE	6 (LIVE: 6)	2
Disconnected	Inactive				CLOSE		0

It prints out the information in Logging Panel.

Example:

Master MT4|ANTON3|SYMBOLS MAPPING|Master -> EURUSD === EURUSD <- Follower MT4|Johan|MAPPED

Master MT4|ANTON3||SYMBOLS MAPPING|Master -> EURUSD === EURUSD <- Follower MT4|Paul|MAPPED

Sub traders

Click [+] to expand / [~] to collapse.

ACCOUNTS ~ Masters Balance: 19,952.47 Equity: 19,952.47 PL: 0.00 ~ Followers Balance: 310,640.72 Equity: 310,640.72 PL: 0.00													
Select	Number	Trader Name	Type	Username	Broker	Abbr	Ping	Buy Pos	Buy Qty	Sell Pos	Sell Qty	Balance	Equity
<input checked="" type="checkbox"/>	01	[~] MASTER-1	M-MT4	20108964	Tickmill-DemoUK	TICKMILL	16.28	0	0.00	0	0.00	9,008.58	9,008.58
Followers													
		Name	Terminal	Username	Broker	Abbr	Connection	Total Symbols	Mapped				
		FOLLOWER-1	MT5	72276442	Tickmill-DemoUK	TICKMILL	Connected	1 (Live: 1)	1				
		FOLLOWER-2	MT5	501648	JKV GLOBAL MARKETS	JKV GLOBAL	Connected	1 (Live: 1)	1				
<input checked="" type="checkbox"/>	01	[+] MASTER-2	M-MT4	22476361	XMTrading	XM	19.29	0	0.00	0	0.00	10,943.89	10,943.89
<input checked="" type="checkbox"/>	01	[+] FOLLOWER-1	F-MT5	72276442	Tickmill-DemoUK	TICKMILL	9.31	0	0.00	0	0.00	104,220.67	104,220.67
<input checked="" type="checkbox"/>	01	[+] FOLLOWER-2	F-MT5	501648	JKV GLOBAL MARKET	JKV GLOBAL	12.40	0	0.00	0	0.00	109,650.00	109,650.00
<input checked="" type="checkbox"/>	01	[+] FOLLOWER-3	F-MT5	62847001	Tickmill-DemoUK	TICKMILL	9.13	0	0.00	0	0.00	96,770.05	96,770.05

Example:

Follower-1 and Follower-2 follow Master-1



Follower copy from which Masters

For example.

Follower 1 and 2 to follow Master-1

Follower 2 and 3 to follow Master-2

Select	Number	Trader Name	Type
<input checked="" type="checkbox"/>	01	MASTER-1	M-MT4
<input checked="" type="checkbox"/>	01	MASTER-2	M-MT4
<input checked="" type="checkbox"/>	01	FOLLOWER-1	F-MT5
<input checked="" type="checkbox"/>	01	FOLLOWER-2	F-MT5
<input checked="" type="checkbox"/>	01	FOLLOWER-3	F-MT5

SYMBOLS MAPPING			
Master	Symbols #	Master Symbols	Follower Symbol
Search master		Search master symbol	Search follower
MASTER-1 (MT4)	1	<input checked="" type="checkbox"/> EURUSD	<input checked="" type="checkbox"/> FOLLOWER-1 (MT5) EURUSD
MASTER-2 (MT4)	1		<input checked="" type="checkbox"/> FOLLOWER-2 (MT5) EURUSD
			<input type="checkbox"/> FOLLOWER-3 (MT5) EURUSD

SYMBOLS MAPPING			
Master	Symbols #	Master Symbols	Follower Symbol
Search master		Search master symbol	Search follower
MASTER-1 (MT4)	1	<input checked="" type="checkbox"/> EURUSD	<input type="checkbox"/> FOLLOWER-1 (MT5) EURUSD
MASTER-2 (MT4)	1		<input checked="" type="checkbox"/> FOLLOWER-2 (MT5) EURUSD
			<input checked="" type="checkbox"/> FOLLOWER-3 (MT5) EURUSD

Status	L/o	Edit	Del	Trades	Total Symbols	Mapped
Ready				CLOSE	1 (LIVE: 1)	2
Ready				CLOSE	1 (LIVE: 1)	2
Ready				CLOSE	1 (LIVE: 1)	1
Ready				CLOSE	1 (LIVE: 1)	2
Ready				CLOSE	1 (LIVE: 1)	1

Click this button (blue rectangle) then we can see more information on mapped between master and followers.

```

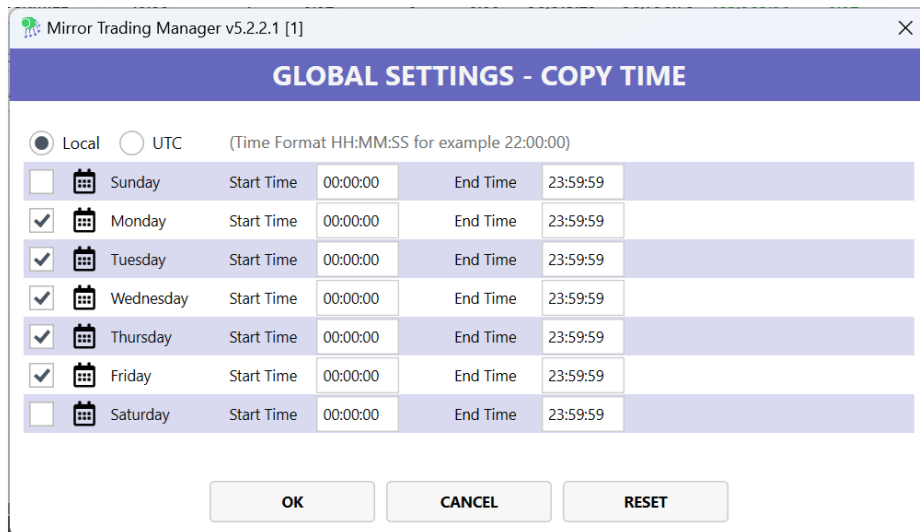
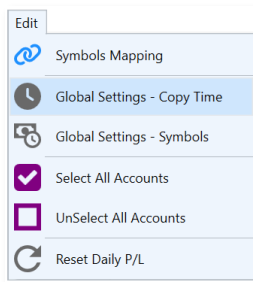
Master MT4|MASTER-1|TICKMILL|20108964|SYMBOLS MAPPING|START LINE -----
Master MT4|MASTER-1|TICKMILL|20108964|SYMBOLS MAPPING|Master -> EURUSD == EURUSD <- Follower MT5|FOLLOWER-1|TICKMILL|72276442|MAPPED
Master MT4|MASTER-1|TICKMILL|20108964|SYMBOLS MAPPING|Master -> EURUSD == EURUSD <- Follower MT5|FOLLOWER-2|JKV GLOBAL|501648|MAPPED
Master MT4|MASTER-1|TICKMILL|20108964|SYMBOLS MAPPING|END LINE -----

```



Global Settings – Copy Time

Click Edit from the menu bar then click [Global Settings – Copy Time].

A screenshot of a dialog box titled 'GLOBAL SETTINGS - COPY TIME' from the 'Mirror Trading Manager v5.2.2.1' application. The dialog has a blue header bar with the title. Below the header, there are radio buttons for 'Local' (selected) and 'UTC', followed by the text '(Time Format HH:MM:SS for example 22:00:00)'. The main area contains a table with columns for a checkbox, a day of the week with a calendar icon, 'Start Time', and 'End Time'. The rows represent the days of the week. At the bottom, there are three buttons: 'OK', 'CANCEL', and 'RESET'.

		Start Time	End Time
<input type="checkbox"/>	Sunday	00:00:00	23:59:59
<input checked="" type="checkbox"/>	Monday	00:00:00	23:59:59
<input checked="" type="checkbox"/>	Tuesday	00:00:00	23:59:59
<input checked="" type="checkbox"/>	Wednesday	00:00:00	23:59:59
<input checked="" type="checkbox"/>	Thursday	00:00:00	23:59:59
<input checked="" type="checkbox"/>	Friday	00:00:00	23:59:59
<input type="checkbox"/>	Saturday	00:00:00	23:59:59

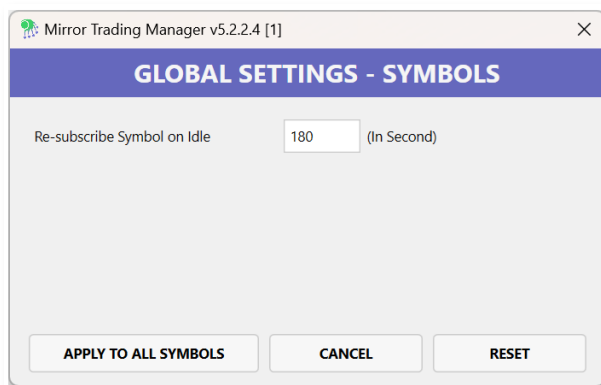
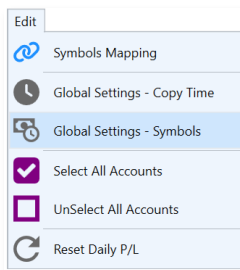
First column: Checked = Able to copy the time range between Start Time and End Time.

Unticked = No Copy

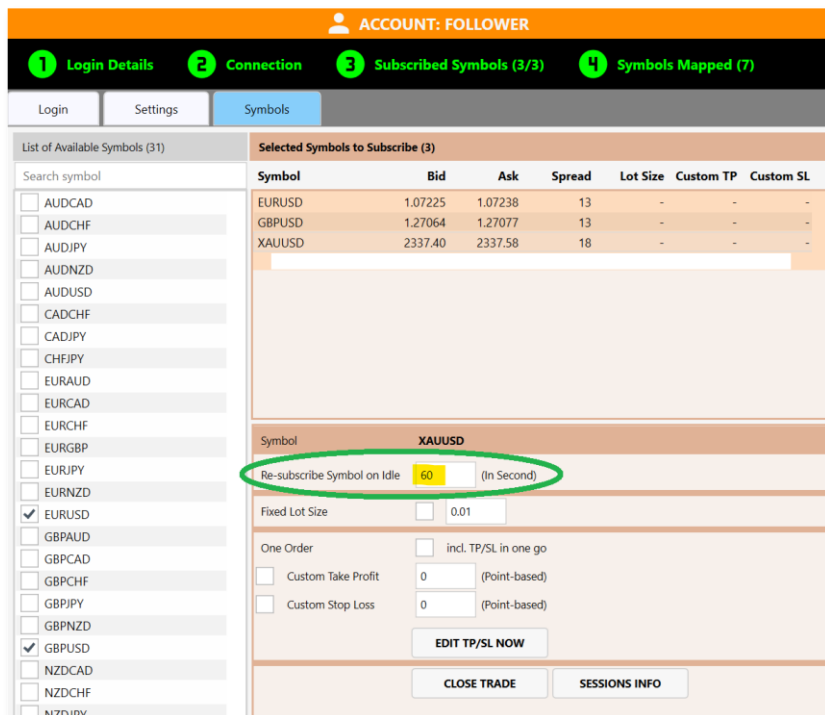


Global Settings – Symbols

Click Edit from the menu bar then click [Global Settings – Symbols].



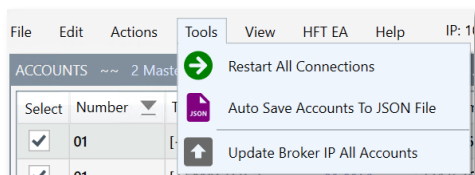
Apply to all symbols in all accounts. It will override all from 60 to 180. See example below:



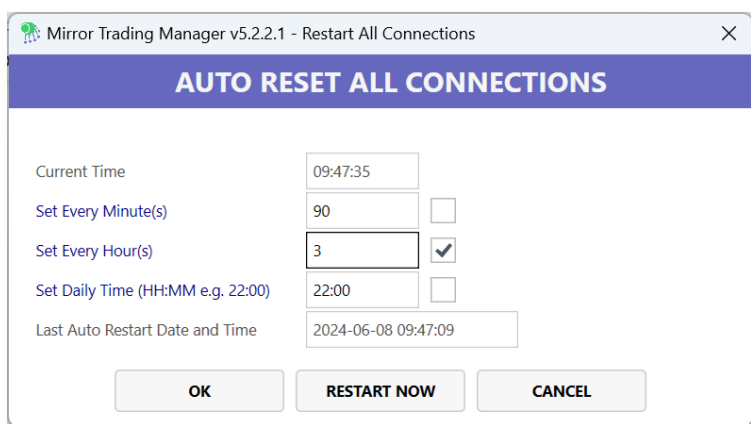
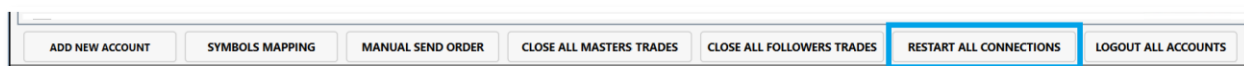
Restart All Connections

Use this when you have an issue with bad connections or disconnected often by brokers.

Click Tool from the menu bar then click [Restart All Connections].



Or



Timer: When the checkbox is ticked, and Daily Time is 22:00. It means every day when the local time reaches 22h00 then it will restart all the connections automatically.

OK Button – It saves Daily Time and Checkboxes (Enable/Disable).

Restart Now Button – It restarts all the connections immediately.

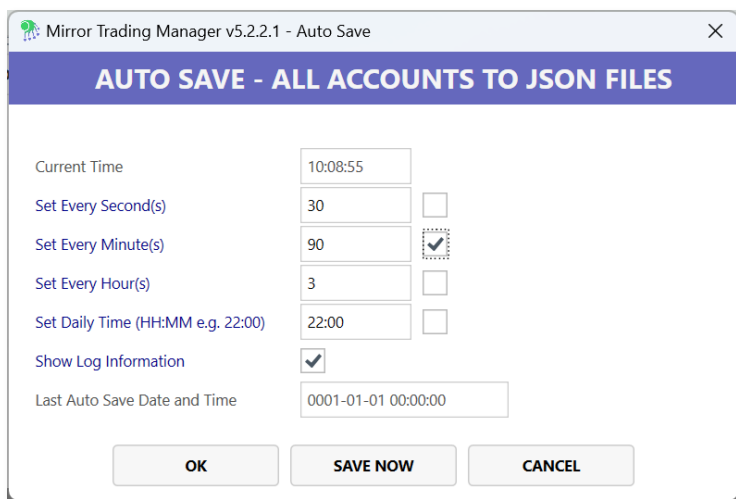
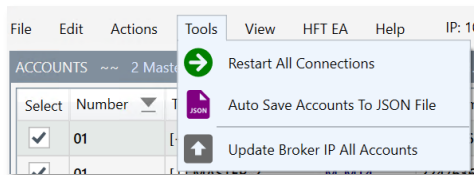
Cancel Button – Cancel and close this form.



Auto Save Accounts to JSON File

Save the live data of each account in Json file.

Click Tool from the menu bar then click [Auto Save Accounts to JSON File].

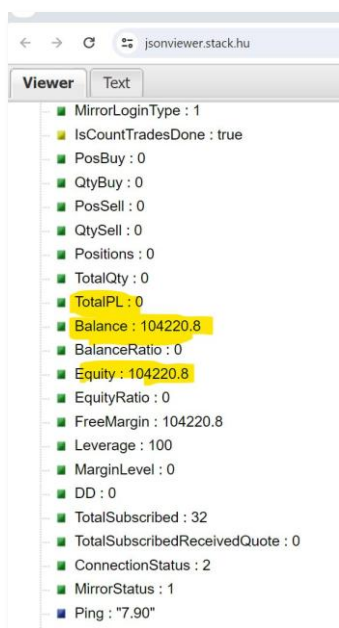


Example:

Checked to enable [Set Every Minute(s)] = 90

It will save all accounts to \Data\Accounts*.json files every 90 minutes.

You will find all the live data information in Json file e.g. TotalPL, Balance and Equity



Partial Close

FIFO = False		FIFO = True	
MT4 to MT4.....	✓	MT4 to MT4.....	✓
MT4 to MT5 HEDGE.....	✓	MT4 to MT5 HEDGE.....	✓
MT4 to MT5 NETTING.....	✓	MT4 to MT5 NETTING.....	✓
MT4 to CTRADER.....	✓	MT4 to CTRADER.....	✓
MT5 HEDGE to MT4.....	✓	MT5 HEDGE to MT4.....	✓
MT5 HEDGE to MT5 HEDGE.....	✓	MT5 HEDGE to MT5 HEDGE.....	✓
MT5 HEDGE to MT5 NETTING..	✓	MT5 HEDGE to MT5 NETTING..	✓
MT5 HEDGE to CTRADER.....	✓	MT5 HEDGE to CTRADER.....	✓
MT5 NETTING to MT4.....	(FIFO = True only)	MT5 NETTING to MT4.....	✓
MT5 NETTING to MT5 HEDGE..	(FIFO = True only)	MT5 NETTING to MT5 HEDGE..	✓
MT5 NETTING to MT5 NETTING:	(FIFO = True only)	MT5 NETTING to MT5 NETTING:	✓
MT5 NETTING to CTRADER....	(FIFO = True only)	MT5 NETTING to CTRADER....	✓
CTRADER to CTRADER.....	Not Tested Yet	CTRADER to CTRADER.....	Not Tested Yet
CTRADER to MT4.....	✓	CTRADER to MT4.....	Not Tested Yet
CTRADER to MT5 HEDGE.....	✓	CTRADER to MT5 HEDGE.....	Not Tested Yet
CTRADER to MT5 NETTING....	✓	CTRADER to MT5 NETTING....	Not Tested Yet

Note: Only for **MASTER MT4** to FOLLOWER MT4/MT5

Example:

Master opens order number #7777 Lot size=0.12

Follower opens order number #3333 Qty=0.12 (link to Master order number #7777)

ok...

Master closes 0.02 (order number #7777) trade THEN

MT4 Terminal opens new order number #8888 Lot size =0.10

Mirror says "Oh, where is master order number #7777....Gone?"

Then Mirror closes Follower order number #3333 and

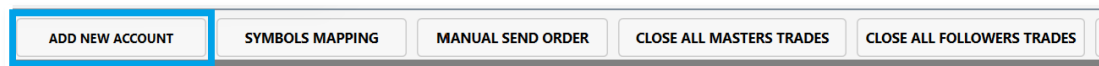
opens new Follower order number #4444 Lot size=0.10 (link to Master order number #8888)



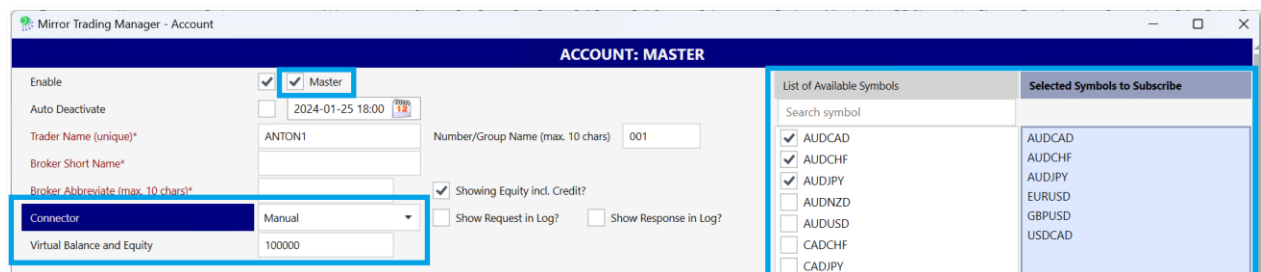
Manual Order

You can send order without sending to MT4/MT5/cTrader Master account.

1. Click [Add New Account].



2. Tick Master checkbox.
3. Select Manual Connector and Virtual Balance 100000
4. Select symbols on the right panel.



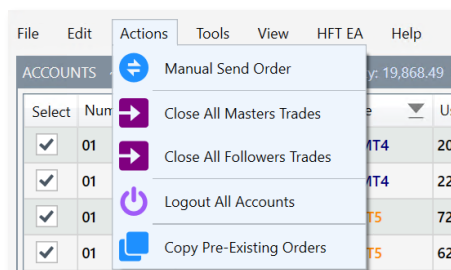
5. Then click Save button.

It should look like this on accounts panel:

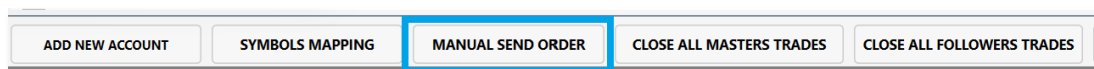
ACCOUNTS							
Select	Number	Trader Name	Type	Username	Broker	Abbr	Ping
<input checked="" type="checkbox"/>	001	ANTON1	M-MANUAL				

Remember to open [Symbols Mapping](#) first.

Click Action from the menu bar then click [Manual Send Order].



Or



Then the manual order dialog box appears:

Mirror Trading Manager v5.2.2.1 - Send New Order

MANUAL NEW ORDER

Master: MASTER-1 (MT4) ▼

Symbol: EURUSD ▼ **SYMBOLS MAPPING**

Execution Type: Market Execution

Volume: 0.01

Stop Loss: 0.00

Take Profit: 0.00

Order Comment:

SEND ORDER - BUY **SEND ORDER - SELL** **CANCEL**

1. Select the master.
2. Choose the symbol
3. Edit Volume
4. Stop Loss / Take Profit in amount (price). Note: It is not point-based.
5. Enter comment if you want to.
6. Click Send Order Buy or Sell button.

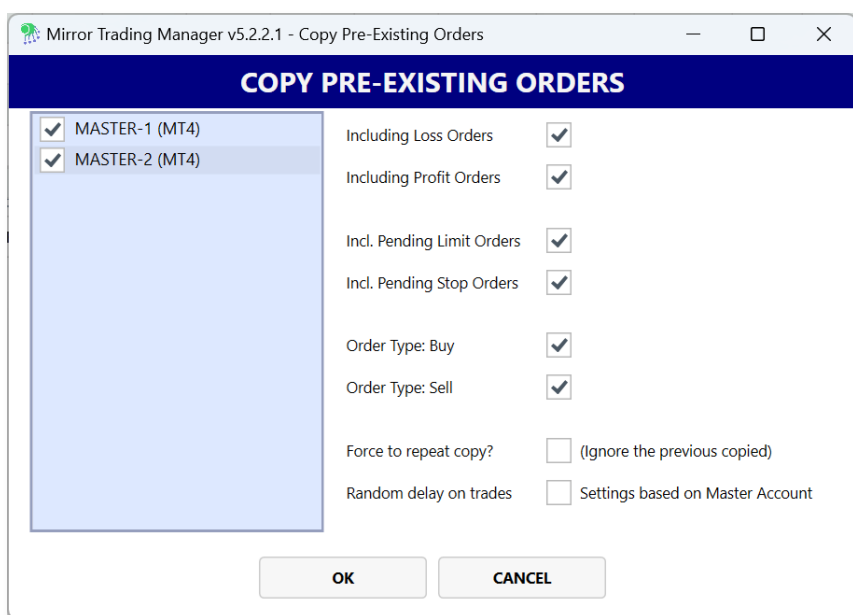
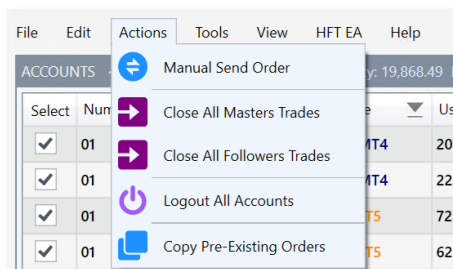
You can add/edit symbols – please see \Data\ManualSymbols.csv



Copy Pre-Existing Orders

You can copy pre-existing orders from master(s) to followers.

Click Action from the menu bar then click [Copy Pre-Existing Orders].



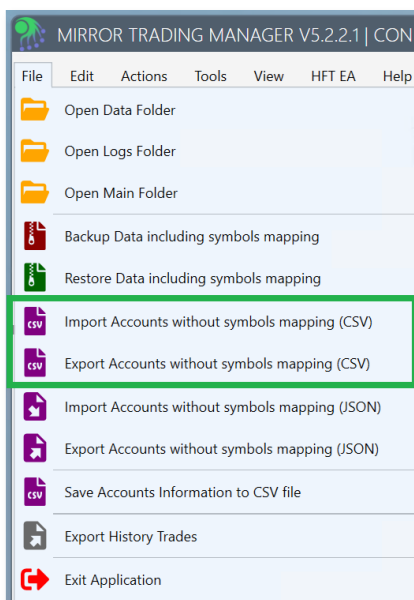
Force to repeat copy?

Unticked = It only copy that never copied before.

Checked = it will push all master opened trades to followers.



Import / Export Accounts (CSV)

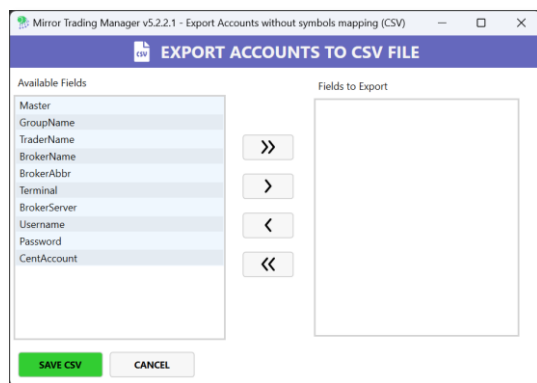


This is merging accounts.

It saves the file in CSV format: **SELECTED FIELDS**

EXPORT

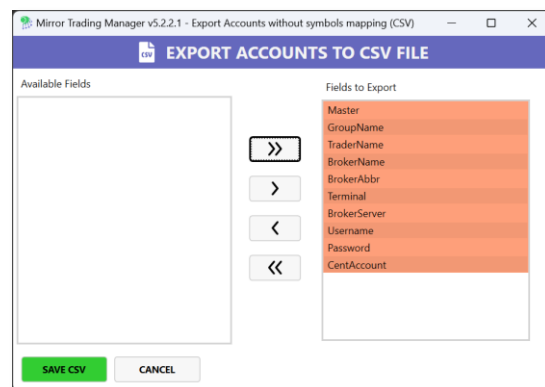
STEP 1. EXPORT ACCOUNTS TO CSV FILE



STEP 2. Click ">>" button to select all fields

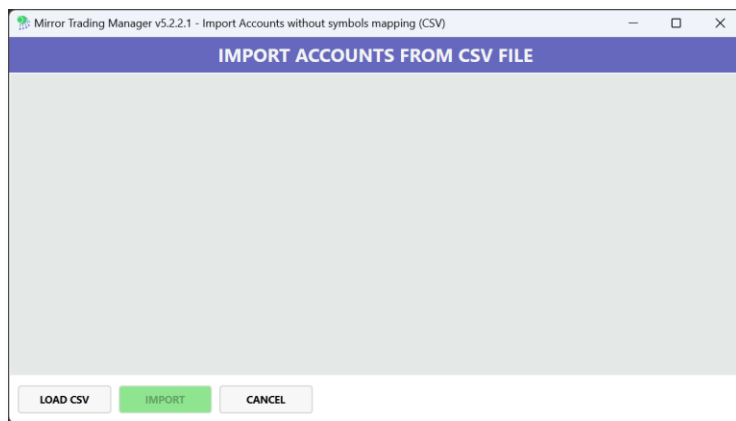
STEP 3. Click "Save" button.

Example: C:\Users\WDAGUtilityAccount\Documents\Anton.csv <- Saved



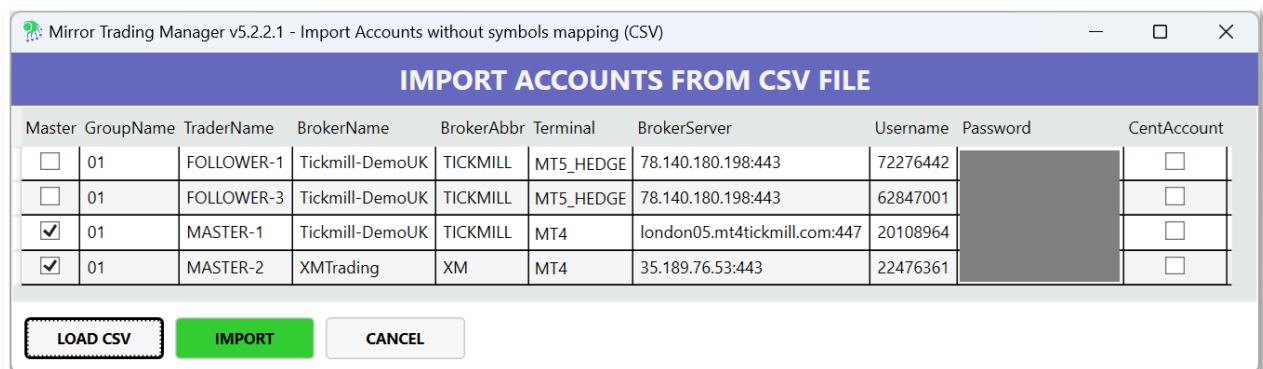
IMPORT

STEP 1. Click LOAD CSV button to load the csv file.



STEP 2. Select csv file

EXAMPLE:



STEP 3. Click IMPORT button.

For example:

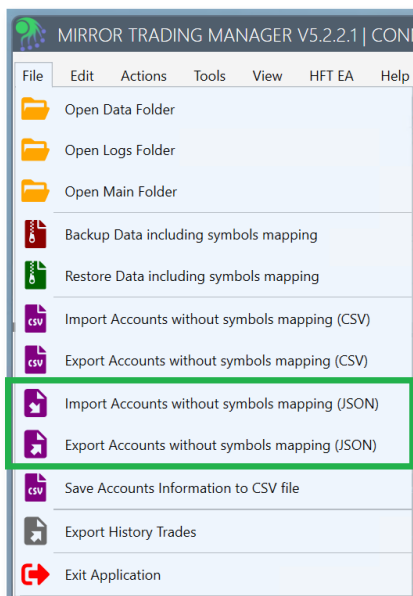
You have running 5 master and 5 follower accounts on 2nd VPS.

And you loaded 3 master and 10 follower accounts from 1st VPS.

So it will merge and total 8 master and 15 follower accounts.



Import / Export Accounts (JSON)



This is merging accounts.

It saves the file in JSON format: **ALL FIELDS**

For example:

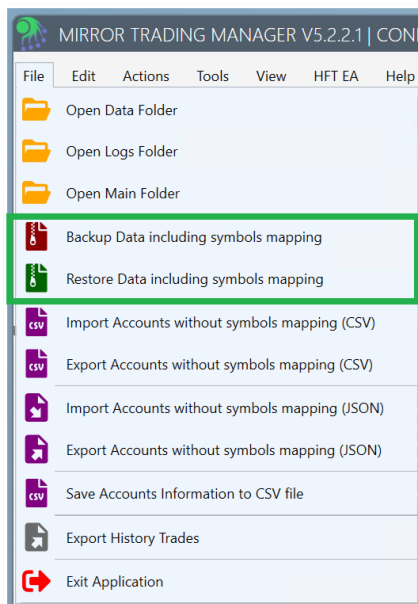
You have running 5 master and 5 follower accounts on 2nd VPS.

And you loaded 3 master and 10 follower accounts from 1st VPS.

So it will merge and total 8 master and 15 follower accounts.



Backup / Restore Data



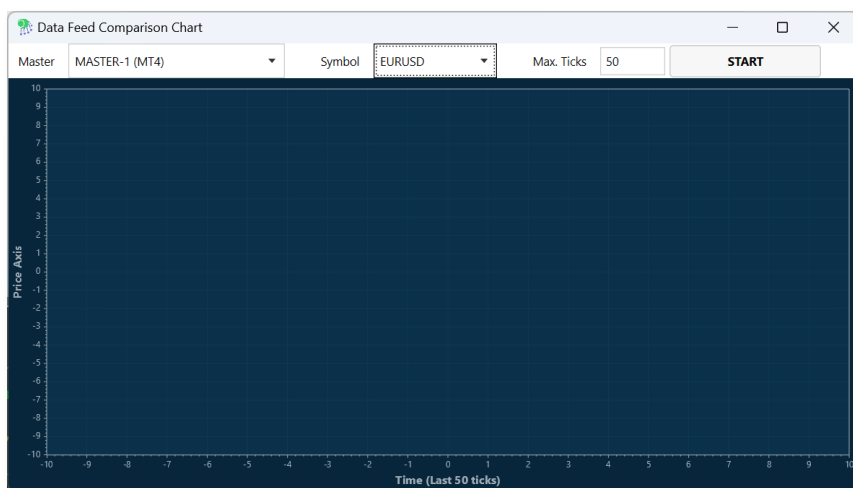
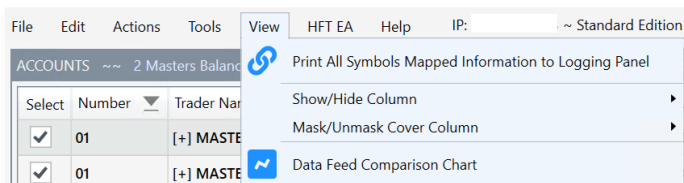
It will backup / restore all files and subdirectories under Data folder.

Name	Date modified	Type
Accounts	8/19/2023 12:35 PM	File folder
Links	8/19/2023 12:14 PM	File folder
LicenseKey	8/19/2023 12:25 PM	Configuration settings
Mirror5	8/19/2023 12:14 PM	Configuration settings
SymbolsMapping_Followers2.json	8/19/2023 11:02 AM	JSON File
SymbolsMapping_Masters2.json	8/19/2023 11:02 AM	JSON File
ViewSettings.json	8/19/2023 12:40 PM	JSON File



Data Feed Comparison Chart

Click View from the menu bar then click [Data Feed Comparison Chart].



1. Select Master Account, Select Master Symbol, leave 50 ticks then click [Start] button.

It shows master and all followers linked to master (via symbols mapping) and it based on average price ($(\text{Bid} + \text{Ask}) / 2$).

Example:



Orange line is fastest. It moves first.

Blue line is slowest. It moves late or delay.



FAQ / ISSUE / COMMON QUESTIONS:

Why is follower not copying from Master?

Please follow these steps

1. Check if symbols are selected in Master / Follower in account dialog box (see on the right panel).

Symbol	Bid	Ask	Spread	Vol Min	Vol Max	Contract Size	Custom MM	Custom TP	Custom SL
AUDUSD	0.63665	0.63688	23	0.01	50.00	100,000	Disable	-	-
EURUSD	1.13493	1.13511	18	0.01	50.00	100,000	Disable	-	-
GBPUSD	1.32578	1.32606	28	0.01	50.00	100,000	Disable	-	-
GOLD	3302.71	3303.07	36	0.01	50.00	100	Disable	-	-
USDJPY	142.646	142.672	26	0.01	50.00	100,000	Disable	-	-

2. Make sure the checkboxes are ticked.

Auto Copy Trade ☒ Open Trade ☒ Both Direction ☒ Close Trade = ☒ Both ☐ Profit Only ☐ Loss Only

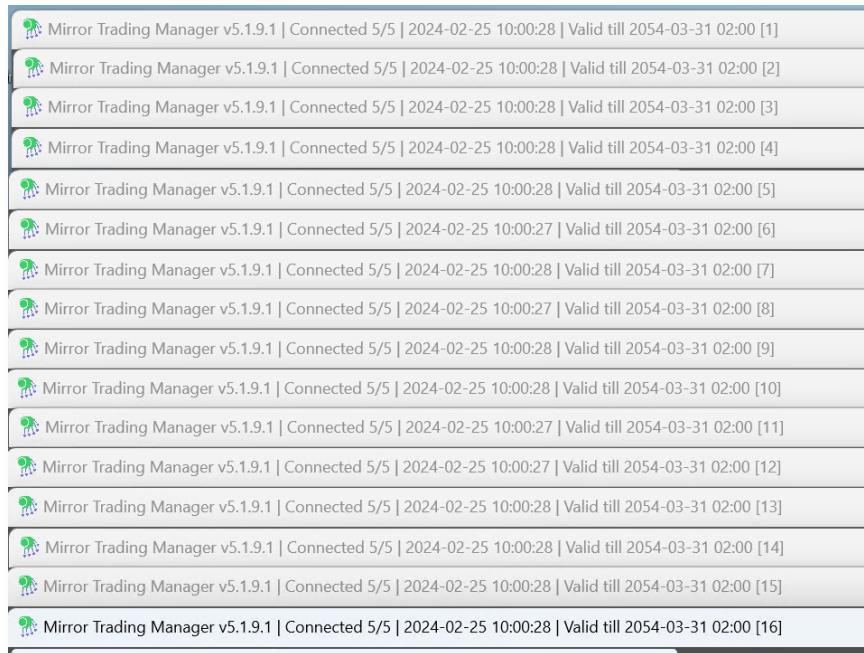
3. See [Symbols Mapping](#) page.
 - a. Check if symbols are subscribed or not.
 - b. Check Symbols Mapping to make sure Follower symbol code is **mapped** to Master symbol code.
4. Make sure all four status are in GREEN

5. Find Master order number that opened trade in Logging Panel then check through for red message – maybe there is a reason.



What is Application instance?

Example: 16 instances



Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [1]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [2]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [3]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [4]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [5]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:27 Valid till 2054-03-31 02:00 [6]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [7]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:27 Valid till 2054-03-31 02:00 [8]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [9]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [10]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:27 Valid till 2054-03-31 02:00 [11]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:27 Valid till 2054-03-31 02:00 [12]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [13]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [14]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [15]
Mirror Trading Manager v5.1.9.1 Connected 5/5 2024-02-25 10:00:28 Valid till 2054-03-31 02:00 [16]

How Much is 1 Point Worth?

Depends on digits. For examples:

- a) 1.00001 to 1.00006 = 5 points
- b) 1.0001 to 1.0006 = 5 points
- c) 1.001 to 1.006 = 5 points
- d) 1.01 to 1.06 = 5 points
- e) 1.1 to 1.6 = 5 points
- f) 1 to 6 = 5 points

What is FIFO?

FIFO stands for First-In First-Out. This first-in, first-out policy means that traders must close the earliest trades first in situations where several open trades-in-play involve the same currency pairs.

What is MT5 NETTING?

It is non-hedge. With this system, opened buy positions and opened SELL positions at the same time is NOT SUPPORT. You can have only one common position for a symbol at the same time: If there is an open position for a symbol, executing a deal in the same direction increases the volume of this position. It called "Consolidation positions". Refer to FIFO.

OFF_QUOTES or REQUOTES

There are many different reasons on why does the "Off quotes" error occur. It means the order price is not available to trade. I understand it can be very frustrating when you have to execute trades in Forex, but you continue to receive the same error repeatedly, especially frequent off quotes. These can lead to a huge amount of lost opportunities. This is an error from Broker not Mirror.



What is “Invalid S/L or TP”?

There are many different reasons on why does the “Invalid S/L or TP” error occur. There are possible reasons:

- Wrong Stop Loss or Take Profit.
- Maybe you have placed...
 - Buy Limit Order above the current market price / Sell Limit Order below the current market price.
 - Or Buy Stop Order below the current market price / Sell Stop Order above the current market price.
 - Or Pending Order might be too close to current market price.
 - Or same Stop Loss and Take Profit prices twice.

NO_PRICES / PRICE_OFF

Similar to “OFF QUOTES”. It means Metatrader* has no price data. There are no quotes to process the request. It is an issue from Metatrader* not Mirror.

COMMON ERROR

It relates to a connectivity issue due to a slow or non-existent connection between the trading platform and the server. Connection failure is usually caused by a lack of internet connection to the user's device. Sometimes broker server can be shut down / restart in meantime. Maybe try and get better broker IP address. Maybe try and get better Machine / Internet / VPS.

SERVICE_NOT_AVAILABLE

Similar to “COMMON ERROR”.

Time	Source	Message
2025.07.01 16:45:27.563	Network	'10876814': previous successful authorization performed from 83.134.157.83 on 2025.07.01 17:25:04
2025.07.01 16:45:32.424	Network	'10876814': terminal synchronized with Vantage International Group Limited: 2 positions, 0 orders, 992 symbols, 0 spreads
2025.07.01 16:45:32.424	Network	'10876814': trading has been enabled - hedging mode
2025.07.01 16:45:50.897	Network	'10876814': connection to VantageInternational-Demo lost
2025.07.01 16:45:54.744	Network	'10876814': authorized on VantageInternational-Demo through Access Server 2 (ping: 100.31 ms, build 4755)

```
2025-07-01 16:45:51.125 Follower MT5[Vantage Test]VANTAGE[10876814]Issue from server (8.208.15.29:443): Exception: SERVICE_NOT_AVAILABLE
2025-07-01 16:46:20.318 Follower MT5[Vantage Test]VANTAGE[10876814]RESTART CONNECTION REF#210...
```

For example. Above is MT5 Terminal Journal and Below is Mirror App. Both as same error message at the same time: The connection is lost. It is a broker's issue.

Invalid Parameters

3 Invalid parameters were passed to the trading function, for example, wrong symbol, unknown trade operation, negative slippage, non-existing ticket number, etc.

MARKET IS CLOSED / No_Market

When the market is closed, we cannot trade. Mostly is over the weekend and public holidays.

What status ‘Untick’ means?

It means this row has network/login is connected but it is unselected. See a picture below:



MT4/MT5 API Issue #1

Exceptions

- Old version.
- One or more errors occurred.
- Not connected in 30000ms

Reason: Brokers have upgraded their MT4/MT5 servers.

Q: How long to update the new version?

A: Approx. 1~3 days.

Average update 4 times a year and average down time is 1 day.

22 Jan 2024 - 30 Jan 2024 (8 days) was the longest down time.

MT4/MT5 API Issue #2

Exceptions

- Exception: Decoded Server. Temporarily Unavailable. Please try again later.

Reason: Server is overloaded / shut down / internet issue. Wait for IT guy to restart their server.

Please wait for another approx. 15 mins - 6 hours. Then restart the machine and try again.

MT4/MT5 API Alternatives

Alternative 1, use cTrader because it is an official API and developed by in-house.

Alternative 2 (under construction), I am working on EA Connector and Remote copier. You can place EA on the chart and Mirror can do all the work. Remote copier -> your follower can place their EA on their chart.



Mirror5.ini Configuration settings file.

Under Data folder. Please do not edit these settings. In the future it will be removed.

```
# +-----+
# | WindowState = Maximized when starts the app |
# +-----+
StartApp_WindowStateMaximized=False

# +-----+
# | Mirror Mode |
# | COPY or VIEW_ONLY |
# +-----+
Mirror_Mode=COPY

# +-----+
# | Logging |
# +-----+
Logging_SaveToFile=True

# +-----+
# | Login Queue Time - login one by one every x ms |
# +-----+
LoginQueueTime_InMillisecond=100
# Warning Note: Some brokers do not accept multithreading login at the same time.
Allow_Login_Multithreading=True

# +-----+
# | Prioritize login |
# +-----+
# Master / Follower
FirstGroup_Login=Follower
SecondGroup_Login=Master
Start_Copier_Engine_WaitForAll_LoginsToComplete=False

# +-----+
# | Symbol Mapping Matches |
# +-----+
# Note: Sometimes brokers have different names for the same symbol.
Symbol_Mapping_Matches_01={"GOLD", "XAUUSD", "XAUUSD+", "GOLD#", "GLD"}
Symbol_Mapping_Matches_02={"SILVER", "XAGUSD", "XAGUSD+", "SILVER#", "SLV"}

# +-----+
# | Major and Default Symbols for Mapping |
# +-----+
Symbols_Major={"AUDUSD", "EURUSD", "GBPUSD", "NZDUSD", "USDCHE", "USDJPY", "USDCAD", "XAUUSD"}
Symbols_Default={"AUDCAD", "AUDCHF", "AUDJPY", "AUDNZD", "AUDUSD", "CADCHF", "CADJPY", "CHFJPY", "EURAUD", "EURCAD", "EURCHF", "EURGBP", "EURJPY", "EURNZD", "EURUSD", "GBPAUD", "GBPCAD", "GBPCHE", "GBPJPY", "GBPNZD", "GBPUSD", "NZDCAD", "NZDCHE", "NZDJPY", "NZDUSD", "USDCAD", "USDCHE", "USDJPY", "XAUUSD"}

# +-----+
# | Symbols for Mapping Automatic Add To New Account |
# +-----+
# Options: MajorSymbols or DefaultSymbols or ManualSelect or SameAsMaster or None
Symbols_Automatic_AddTo_NewAccount=SameAsMaster

# +-----+
# | FIFO SYSTEM (First-In First-Out) |
# +-----+
FIFO=False

# +-----+
# | Master for speed. Scan master account every x ms |
# +-----+
MasterSpeed_InMillisecond=200

# +-----+
# | ReOrder on Failed Order |
# +-----+
ReOrder_on_FailedOrder_Max=10
ReOrder_on_FailedOrder_Pause_InSecond=30

# +-----+
# | Restart Timeout |
# +-----+
RestartTimeout_InSecond=90
```




```

# +-----+
# | Logging Show Timestamp [yyyy-MM-dd HH:mm:ss:fff] |
# +-----+
# |      yyyy   - year      |
# |      MM     - month     |
# |      dd     - day       |
# |      HH     - hour      |
# |      mm     - minute    |
# |      ss     - second    |
# |      fff    - ms        |
# |      tt     - AM/PM     |
# +-----+
Logging_DateTime_Format="yyyy-MM-dd HH:mm:ss"

# +-----+
# | Logging Time Stamp Type |
# | LOCAL -> Local Time     |
# | UTC   -> Coordinated Universal Time |
# +-----+
Logging_TimeStamp_Type=LOCAL

```

Explanation:

```

# +-----+
# | Prioritize login |
# +-----+
# Master / Follower
FirstGroup_Login=Follower
SecondGroup_Login=Master
Start_Copier_Engine_WaitForAll_LoginsToComplete=False

```

Step 1 - this app will login all followers first

Step 2 - then login all masters

When all the connections are good then it prints out "COPIER ENGINE STARTED!"

* MetaTrader®, MetaTrader 5®, MT4®, MT5® are the registered trademarks of MetaQuotes Software Corp.

*cTrader® is the registered trademarks of Spotware Systems Ltd.

*Microsoft, Windows are the registered trademarks of Microsoft Corporation.

The developers of Mirror Trading Manager are not affiliated with MetaQuotes Software Corp, Spotware Systems Ltd and Microsoft Corporation.

