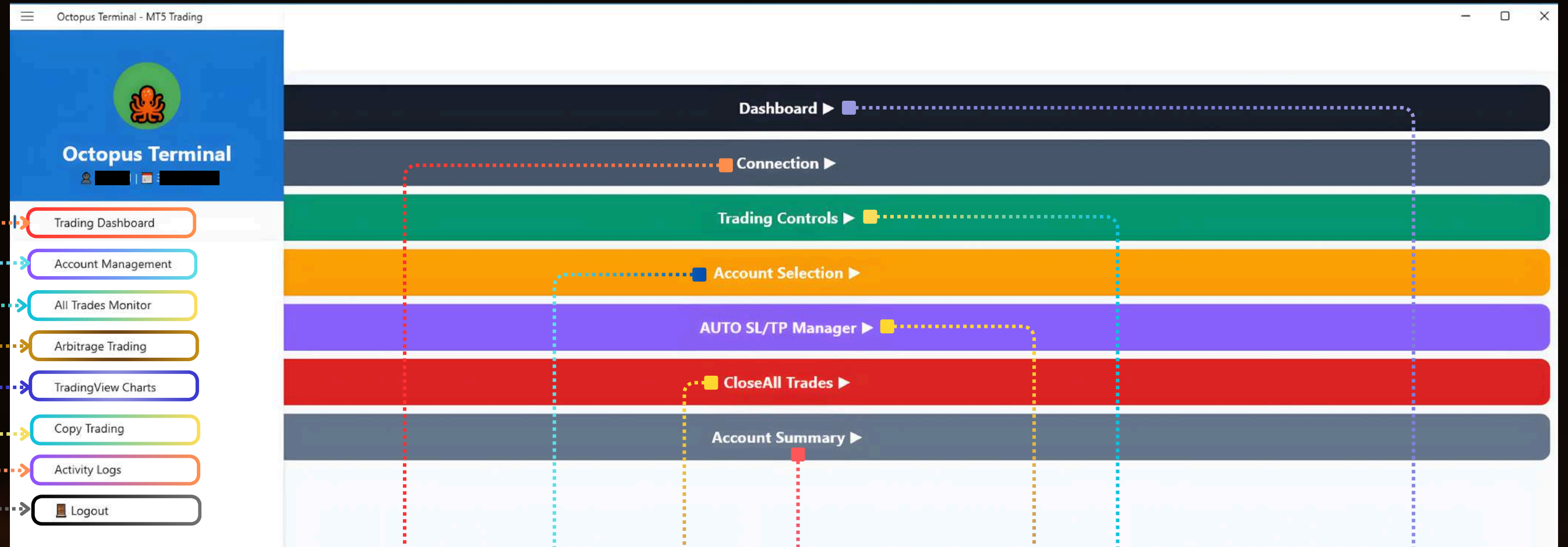




# OCTOPUS

Next-Generation Trading Infrastructure

With Enhanced Security



**TRADING DASHBOARD**  
 - Main trading overview screen.

**ACCOUNT MANAGEMENT**  
 - Add, edit, or manage MT5 accounts.

**ALL TRADES MONITOR**  
 - View and track all open and closed trades.

**ARBITRAGE TRADING**  
 - Tools for latency/price arbitrage strategies.

**TRADINGVIEW CHARTS**  
 - Opens TradingView charts for analysis.

**COPY TRADING**  
 - Copy trades from one account to others.

**ACTIVITY LOGS**  
 - View system actions, errors, and trade logs.

**LOGOUT**  
 - Exit the application.

**CONNECTION**  
 - Connects or checks connection with MT5 accounts/servers.

**ACCOUNT SELECTION**  
 - Choose which MT5 account(s) to trade on.

**CLOSE-ALL TRADES**  
 - Instantly closes all open positions.

**ACCOUNT SUMMARY**  
 - Shows balance, equity, margin, profit/loss details.

**DASHBOARD**  
 - Overview of system status, performance, and key metrics.

**TRADING CONTROLS**  
 - Manual trade actions like buy/sell, lot control, symbols, etc.

**AUTO SL/TP MANAGER**  
 - Automatically manages Stop Loss and Take Profit for trades.



**TOTAL EQUITY**  
- Combined equity of all connected accounts.

**CONNECTED**  
Number of MT5 accounts currently connected.

**RT: ON**  
- Real-time trading is enabled.

**\$0.00 / 4 OPS/S**  
Current profit/loss and system operation speed.

**OPEN ORDERS**  
- Total active trades across all accounts.

The screenshot shows a 'Trading Dashboard' with a dark header and a light main area. The dashboard is divided into sections: 'Dashboard' (top), 'Connection' (middle), and 'Activity Logs' (bottom). The 'Dashboard' section includes a 'Trading Dashboard' title, '8 Connected Accounts', and 'Preset SELL: 9ms'. Below this are four summary cards: 'TOTAL EQUITY \$341688.53', 'OPEN ORDERS 0', 'CONNECTED 8', and 'P&L \$0.00'. The 'Connection' section has three buttons: 'MANAGE', 'CONNECT SELECTED (8)', and 'DISCONNECT'. A 'NON-BLOCKING' status indicator is at the bottom of the connection section. The 'Activity Logs' section is partially visible at the bottom. Callouts from external text boxes point to these elements: 'TOTAL EQUITY' points to the first card; 'CONNECTED' points to the second card; 'RT: ON' points to a toggle switch in the top right; '\$0.00 / 4 OPS/S' points to the P&L card; 'OPEN ORDERS' points to the third card; 'MANAGE' points to the 'MANAGE' button; 'CONNECT SELECTED (8)' points to the 'CONNECT SELECTED (8)' button; 'DISCONNECT' points to the 'DISCONNECT' button; 'NON-BLOCKING' points to the status indicator; and 'ACTIVITY LOGS' points to the 'ACTIVITY LOGS' button.

**COPY TRADING**  
- Copy trades from one account to others.

**CONNECT SELECTED (8)**  
- Connect all selected MT5 accounts.

**MANAGE**  
Open account management (add/remove/edit accounts).

**ACTIVITY LOGS**  
Open account management (add/remove/edit accounts).

**NON-BLOCKING**  
- Connection mode that prevents system freezing during operations.

**DISCONNECT**  
- Disconnect all currently connected accounts.



**SELECT ACCOUNT (DROPDOWN)**

- Choose which trading account to operate on.

**LOAD CHART**

- Loads the live price chart for the selected account/symbol.

**OPEN TRADES**

- Number of currently open positions.

**MANAGE**

- Open account management (add/remove/edit accounts).

**RUNNING P/L**

- Current floating profit or loss.

**BUY / SELL**

- Shows count of buy and sell positions.

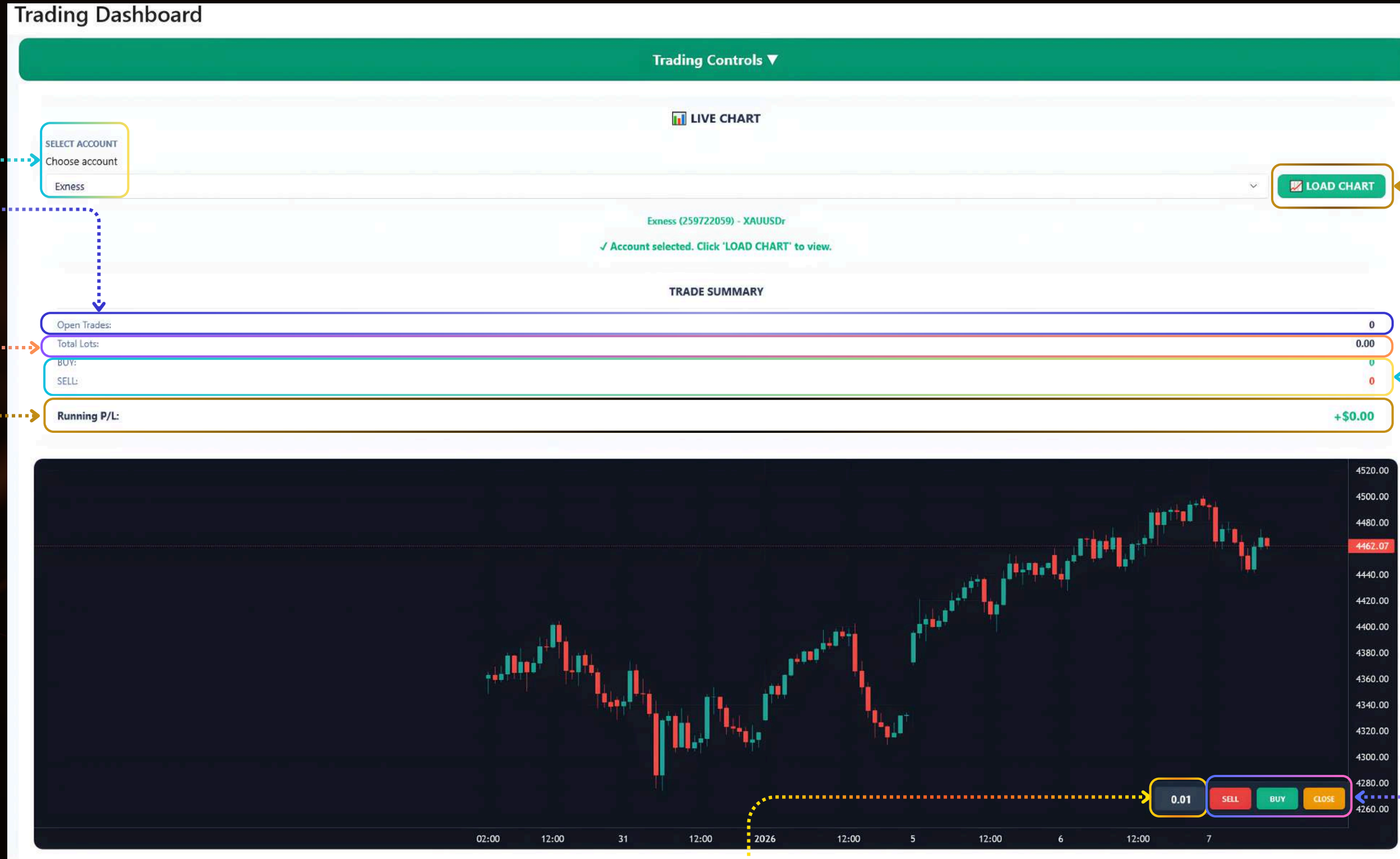
**LOT SIZE (0.01)**

- Set trade volume.

**SELL** - Open a sell (short) trade at market price.

**BUY** - Open a buy (long) trade at market price.

**CLOSE** - Close all open trades for the selected account/symbol.



**BUY BUTTONS**  
0.01 / 0.1 / 1 / 5 → Instantly open a Buy trade with that lot size.

**SELL BUTTONS**  
0.01 / 0.1 / 1 / 5 → Instantly open a Sell trade with that lot size.

**CLOSE BUTTONS**  
CLOSE ALL → Closes all open trades (buy & sell).  
CLOSE BUY → Closes only Buy trades.  
CLOSE SELL → Closes only Sell trades.  
CLOSE ONE → Closes one open trade (usually the most recent or selected).

**REFRESH**  
Updates trade data (positions, profit, status).

The screenshot shows a trading interface with several sections:

- QUICK TRADING PRESETS:** A grid of buttons for buying and selling with lot sizes 0.01, 0.1, 1, and 5. A 'REFRESH' button is located below this grid.
- MANUAL ENTRY:** A section with a 'Lot Size' input field (set to 0.01), a 'Trade Comment (Optional)' text area, and a note: 'If empty, no comment will be added to trades'.
- MANUAL ACTION BUTTONS:** A row of three large buttons: 'BUY' (green), 'SELL' (red), and 'CLOSE' (red).
- PRESET:** A button with a gear icon, located below the manual action buttons.

**PRESET**  
– Open/manage quick trading presets (lot sizes & settings).

**TRADE COMMENT FIELD**  
– Optional note added to the trade.

**LOT SIZE FIELD**  
Enter a custom lot size.

**MANUAL ACTION BUTTONS:**  
BUY → OPEN A BUY TRADE WITH ENTERED LOT SIZE.  
SELL → Open a Sell trade with entered lot size.  
CLOSE → Close selected or active trade(s).

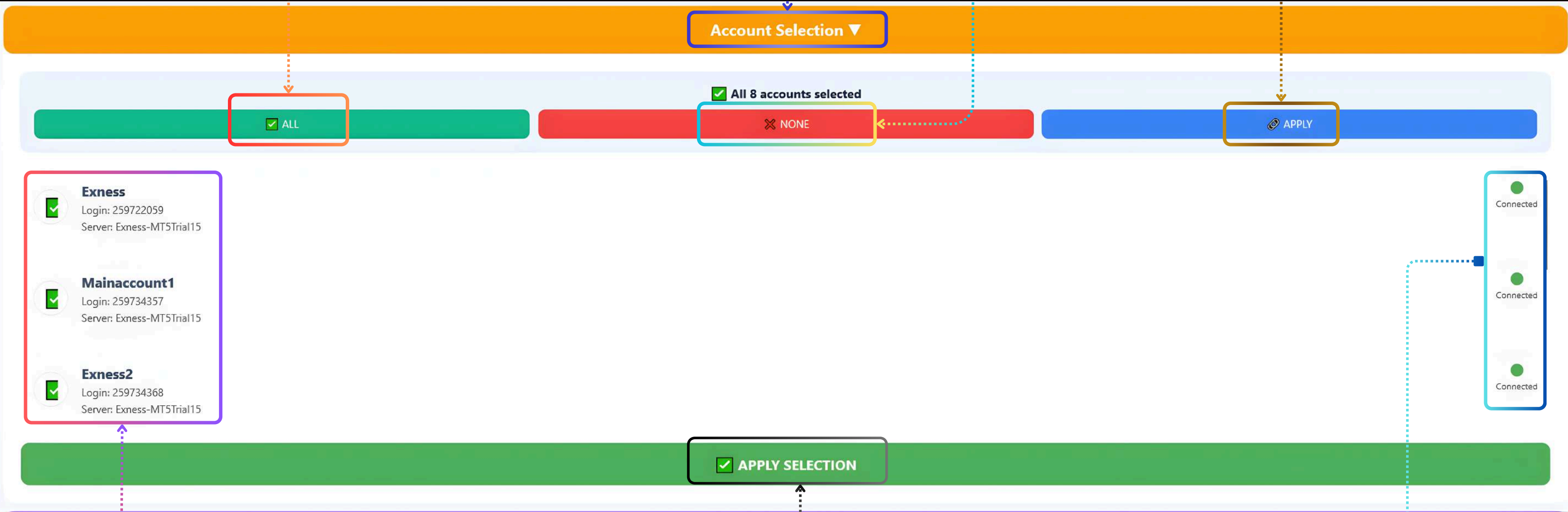


**ALL**  
Selects all accounts in the list.

**ACCOUNT SELECTION**  
– Expand or collapse the account selection panel.

**NONE**  
– Deselects all accounts.

**APPLY**  
– Confirms and applies the current selection.



**MENUALLY SELECTED ACCOUNTS**  
Select or deselect that specific account.

**APPLY SELECTION**  
– Finalizes the selected accounts for trading actions.

**CONNECTED (GREEN DOT)**  
– Shows the account is online and connected



**AUTO SL/TP MANAGER**  
- Open / close this section

- AUTO CONTROLS**
- **Auto TP: ON** → Auto-set Take Profit on new trades (BUY & SELL)
  - **Auto SL: ON** → Auto-set Stop Loss on new trades (BUY & SELL)

- BUY ACTIONS**
- **SET BUY TP** → Add TP to all Buy trades
  - **SET BUY SL** → Add SL to all Buy trades
  - **REMOVE BUY TP** → Remove TP from Buy trades
  - **REMOVE BUY SL** → Remove SL from Buy trades

- **BUY TP (10/20/50/100)** – Instantly set Buy TP value
- **BUY TP (10/20/50/100)** – Instantly set Sell TP value

**CLOSEALL TRADES**  
- Close all open trades

**ACCOUNT SUMMARY**  
- View account details

- SELL ACTIONS**
- **SET SELL TP** → Add TP to all Sell trades
  - **SET SELL SL** → Add SL to all Sell trades
  - **REMOVE SELL TP** → Remove TP from Sell trades
  - **REMOVE SELL SL** → Remove SL from Sell trades

- **BUY SL (10/20/50/100)** – Instantly set Buy SL value
- **SELL SL (10/20/50/100)** – Instantly set Sell SL value

The screenshot shows the 'AUTO SL/TP Manager' interface. At the top, there's a dropdown menu labeled 'AUTO SL/TP Manager'. Below it, there are two main sections: 'Auto TP: ON' and 'Auto SL: ON'. Each section has input fields for 'Buy TP Offset (pips)', 'Buy SL Offset (pips)', 'Sell TP Offset (pips)', and 'Sell SL Offset (pips)'. Below these are two columns of buttons: 'BUY POSITIONS' and 'SELL POSITIONS'. Each column has buttons for 'SET', 'REMOVE', and 'BUY/SELL' for both TP and SL. At the bottom, there are 'QUICK PRESETS (pips)' for both BUY and SELL, with values 10, 20, 50, and 100. There are also buttons for 'CloseAll Trades' and 'Account Summary'. A status bar at the bottom indicates 'UNIFIED AUTO SL/TP is ENABLED'.



**STATUS / INFO INDICATORS (NOT CLICKABLE, INFORMATIONAL)**

- **Closed** – Number of trades successfully closed.
- **Pos/Sec** – Closing speed (positions closed per second).
- **Success %** – Percentage of successful close operations.

CloseAll Trades ▾

ULTRA-FAST Close Trade Manager

CLOSE OPERATION STATUS

Close operation completed

Closed 0 Pos/Sec 0 Success 0%

STATS RESET CLEANUP

ULTRA-FAST CLOSE MANAGER FEATURES

- Parallel processing across all accounts
- Optimized for 100+ accounts
- Real-time progress monitoring
- Advanced error handling

Account Summary ▾

Account Summary 8 accounts

Current Selection: All 8 accounts selected

VIEW ALL ACCOUNTS →

System Info:

**CLOSE ALL**

– Instantly closes all open trades for the selected accounts.

**ACCOUNT SUMMARY**

– Expand/collapse account details.

**CURRENT SELECTION**

– Shows which accounts are currently selected (informational)

**VIEW ALL ACCOUNTS**

– Opens the full list of all accounts.



- **MASTER** – Selects/configures the master account (source of trades).
- **SLAVE** – Selects/configures slave accounts (receivers of copied trades).
- **SETTINGS** – Opens copy-trading configuration options (rules, risk, sync).

The screenshot shows the 'Copy Trading' interface. At the top, there are three summary boxes: 'TRADES' (0), 'SUCCESS' (0), and 'LAST OP'. Below these are navigation tabs for 'MASTER', 'SLAVE', and 'SETTINGS'. The 'SLAVE' tab is active, showing a 'Slave Accounts Setup' section with a list of accounts and a 'START COPY TRADING' button at the bottom. The interface includes a 'Found 32 connected accounts' notification, a 'Trades' counter, a 'Success' counter, and a 'Last Op' field. The 'Slave Accounts Setup' section has three main options: 'All', 'X None', and '1.00'. A list of accounts is shown with 'ACCOUNT SELECT CIRCLE' next to each. On the right, there are 'MULTIPLIER INPUT' controls for each account, all set to '1.00'. A 'TRADING CONTROLS' section is also visible on the right side of the interface.

**TRADES**  
– Number of trades copied.

**SUCCESS**  
– Successful copy operations.

**LAST OP**  
– Time/status of last copy action.

**X NONE**  
– Deselects all slave accounts.

**✓ ALL**  
– Selects all slave accounts at once.

**MULTIPLIER INPUT (TOP RIGHT)**  
– Sets a default lot-size multiplier for selected accounts.

**ACCOUNT SELECT CIRCLE**  
– Enables/disables that account for copy trading.

**TRADING CONTROLS**  
– Manual trade actions like buy/sell, lot control, symbols, etc.

**START COPY TRADING**  
– Starts copying trades from the master to selected slave accounts.



### SELECT TRADING ACCOUNT

- Choose which trading account runs the arbitrage.

### SPOT SYMBOL

- Select the spot market instrument.  
(Like XAUUSD)

### FUTURES EXPIRY DATE

- Set the futures contract expiry.

### ENTRY BUFFER (POINTS)

- Extra price gap required to open arbitrage trades

### MAX SLIPPAGE (PIPS)

- Maximum allowed execution slippage.

### STABILITY TOGGLE

- Use Stability Check for Close Orders (ON/OFF)
- **ON**: waits for confirmed ticks before closing
- **OFF**: closes immediately when condition is met.

### BREAKEVEN CALCULATION

- **Buy Swap (\$/day)** - Daily swap cost for buy positions.
- **Sell Swap (\$/day)** - Daily swap credit/cost for sell positions.
- **BE Lot Size** - Lot size used for breakeven calculations.

### SAVE SETTINGS

- Saves all arbitrage configuration changes.

### MONITORING ACTIVE

- Arbitrage engine is currently running.

### FUTURES SYMBOL

- Select the futures instrument for arbitrage.

### EXIT BUFFER (POINTS)

- Price gap required to close arbitrage trades.

### REQUIRED TICKS

- Number of consecutive ticks needed to confirm entry.

### TOLERANCE (PTS)

- Allowed price deviation between legs.

### AUTO-LEG CONFIGURATION

- **Auto-Leg Lot Size** - Automatic lot size per arbitrage leg.
- **Orders per Trigger** - Number of order pairs placed per signal.

### STOP MONITORING

- Stops arbitrage monitoring and trade execution.

The screenshot shows the 'Arbitrage Trading' interface with the following settings and annotations:

- SELECT TRADING ACCOUNT:** A dropdown menu set to 'lcm'.
- SYMBOL CONFIGURATION:**
  - Spot Symbol:** XAUUSD
  - Futures Expiry Date (DD-MM-YYYY):** 30-11-2025
  - Futures Symbol:** XAUUSD-F
- TRADING PARAMETERS:**
  - Entry Buffer (points):** 0
  - Exit Buffer (points):** 0
- SLIPPAGE CONTROL:**
  - Max Slippage (pips):** 3
  - Required Ticks:** 2
  - Tolerance (pts):** 0.05
- Use Stability Check for Close Orders:** A toggle switch currently set to 'ON'. A note below it reads: 'When ON: Requires 2 consecutive ticks (EA behavior). When OFF: Closes immediately when threshold crossed.'
- BREAKEVEN CALCULATION:**
  - Buy Swap (\$/day):** -52.16
  - Sell Swap (\$/day):** 27.51
  - BE Lot Size:** 1
- AUTO-LEG CONFIGURATION:**
  - Auto-Leg Lot Size:** 0.1
  - Orders per Trigger:** 1
- SAVE SETTINGS:** A button to save the current configuration.
- STOP MONITORING:** A button to stop the arbitrage engine.
- Monitoring active:** A green checkmark icon indicating the engine is running.



## ⚡ Arbitrage Trading

**ALL LEGS INFO**

**TRADING ACCOUNTS**

**LIVE QUOTES**

<b>XAUUSD</b> 4465.29 / 4465.52 Spread: 0.23	<b>XAUUSD-F</b> 4474.85 / 4475.35 Spread: 0.50
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**BUY DIFFERENCE** 10.08      **SELL DIFFERENCE** 9.38

**BREAKEVEN ANALYSIS**

Buy BE (Live) -1008.00	Sell BE (Live) 938.00	Days Left 0
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**MASTER SUMMARY**

Total Buy P/L \$0.00	Total Sell P/L \$0.00	Net P/L \$0.00
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**LEG 1**

<b>BUY SIDE</b> Lot: 0.1 Pos. Diff: 10.08 Buy Fee: 0 Close @: 0 OPEN BUY P/L: \$0.00	<b>SELL SIDE</b> Orders: 1 Open Lots: 0.00 Sell Fee: 0 Close @: 0 OPEN SELL P/L: \$0.00
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**LEG 1 CONTROLS:** CLOSE BUY, CLOSE SELL, SHOW

**TRADING ACCOUNTS**  
– Show/hide connected trading accounts.

**LIVE QUOTES**

- **XAUUSD** – Buy & Sell prices from Broker 1
- **XAUUSD-F** – Buy & Sell prices from Broker 2
- **Spread** – Difference between buy & sell price per broker

**BREAKEVEN ANALYSIS**

- **Buy BE (Live)** – Points needed to break even on BUY side
- **Sell BE (Live)** – Points needed to break even on SELL side
- **Days Left** – Time remaining for arbitrage validity

- **CLOSE ALL BUY** – Close ALL BUY trades instantly
- **CLOSE ALL SELL** – Close ALL SELL trades instantly

**LEG DETAILS**

- **Lot** – Trade size per order
- **Pos. Diff** – Current price difference used

**BUY SIDE**

- **Buy Fee** – Fee applied on BUY trades
- **Close @** – Target price to close BUY
- **OPEN BUY** – Open BUY trade
- **P/L** – Profit or loss for BUY side

**CLOSE BUY**  
– Close BUY trade.

**CLOSE SELL**  
– Close SELL trade.

**SHOW**  
– Show detailed trade information

**LEG DETAILS**

- **Orders** – Number of orders placed
- **Open Lots** – Total active lot size

**SELL SIDE**

- **Sell Fee** – Fee applied on SELL trades
- **Close @** – Target price to close SELL
- **OPEN SELL** – Open SELL trade
- **P/L** – Profit or loss for SELL side

**ALL LEGS INFO**  
– Expand/collapse details of all arbitrage legs.

**REFRESH ICON (LIVE QUOTES)**  
– Refresh or capture latest live prices.

**PRICE DIFFERENCE**

- **BUY DIFFERENCE** – Price gap used when opening BUY arbitrage
- **SELL DIFFERENCE** – Price gap used when opening SELL arbitrage

**MASTER SUMMARY**

- **Total Buy P/L** – Total profit/loss from all BUY trades
- **Total Sell P/L** – Total profit/loss from all SELL trades
- **Net P/L** – Combined BUY + SELL profit/loss



## Activity Logs

500 entries  
Last update: 09:55:08

Filter by Level: All | Filter by Category: All

Search logs by message, account, or details...

Summary: 17 Success, 32 Errors, 79 Trading, 40 Connections

Arbitrage	UI updates paused - monitoring continues in background	09:55:07.848
Notification	Recovery complete: 0/1	09:54:57.008
Connection	Parallel recovery complete: 32/33 active (0 recovered)	09:54:57.003
Connection	Failed to recover connection for Paper-26	09:54:57.003
SafeMT5	Connection to 192.149.50.250 failed after 3 attempts	09:54:57.002
SafeMT5	Connection to 192.149.50.250 failed, retrying... (attempt 2/3)	09:54:55.562
SafeMT5	Connection to 192.149.50.250 failed, retrying... (attempt 1/3)	09:54:54.647
Notification	Recovery started: 1 accounts	09:54:54.217

### ARBITRAGE TRADING

- Refresh icon** – Refresh or capture latest activity.
- Activity log export** – used to categorize or filter logs/messages by type: All, Success, Error, Warning, Info, Trading, and Connection.
- Trash icon** – Clear / delete activity logs

### FILTER CONTROLS

- Filter by Level (Dropdown)** → Show logs by severity (Success, Error, Warning, etc.)
- Filter by Category (Dropdown)** → Show logs by type (Trading, Connection, Notification, Arbitrage)
- Search bar** → Search logs by message, account, or details

### SUMMARY STAT BOXES

- Success** → Show only successful actions
- Errors** → Show only error logs
- Trading** → Show trading-related logs
- Connections** → Show connection-related logs

### TIMESTAMP (RIGHT SIDE)

– Time the event occurred

### LOG ENTRIES (ROWS)

- Blue info rows** → General system or status messages
- Red rows** → Errors or failed actions
- Yellow rows** → Warnings or retry attempts

