AUROXIS

# USER MANUAL

Complete guide to Auroxis MT5

Product version 1.1 | Second English edition

METATRADER 5 | XAUUSD | M15

# AUROXIS MT5

## Complete User Manual

Product version: 1.1

Document: second English edition

Platform: MetaTrader 5

## 1. Introduction

Auroxis MT5 is an Expert Advisor designed for automated Gold trading. Its trading logic is organized into three coordinated modules—**Horizon**, **Hyperion** and **Odyssey**—supported by adaptive capital management, automatic position management, operational safeguards, an integrated dashboard, support reports and optional Telegram notifications.

Auroxis provides two ways to configure trading:

- **AUTO profiles:** choose Conservative, Balanced or Aggressive and Auroxis manages engine availability and sizing according to account balance;
- **CUSTOM MODULES:** set the intensity, lot per active engine and direction of each public module.

### Risk warning

Leveraged trading can result in partial or total loss of capital. Backtests and historical results do not guarantee future performance. Broker conditions, liquidity, spreads, commissions, swaps, slippage and data quality can materially affect results.

## 2. Requirements and recommended environment

- updated MetaTrader 5 terminal;
- a Gold symbol identified as `XAUUSD`, `GOLD` or a broker-specific suffixed variant;
- an M15 chart;
- Algo Trading enabled;
- stable connectivity;
- preferably a 0.01 minimum lot and 0.01 volume step;
- preferably a USD Hedging account and a reliable VPS.

Auroxis can operate on Netting accounts by serializing exposure, but Hedging is the intended environment for independent positions. On non-USD accounts, automatic thresholds use the numerical balance without live currency conversion; Auroxis therefore displays a warning.

# 3. Installation

1. Sign in to MT5 with the MQL5 account used for the purchase.
2. Open **Market > My Purchases** and install Auroxis MT5.
3. Open the broker's Gold symbol and select M15.
4. Drag Auroxis onto the chart.
5. Enable **Allow Algo Trading** in the Common tab and confirm with OK.
6. Enable **Algo Trading** in the MT5 toolbar.

DLL access is not required. WebRequest permission is required only for Telegram.

# 4. First launch and system status

At startup Auroxis validates inputs, checks the account and symbol, recovers its existing positions and pending orders, initializes its modules, safeguards, dashboard and Telegram, and then starts the normal operating cycle.




Auroxis MT5 running on a live XAUUSD chart

Dashboard status can be:

- **SYSTEM READY**, green: no blocking issue detected;
- **WARNING**, amber: attention is required;
- **ERROR**, red: the configuration or service prevents normal operation.

Use the `?` button or **SYSTEM REPORT** for details.

# 5. Trading modules

The public interface groups the trading logic into three modules:

| Module | Engines | Purpose in the interface |
|---|---|---|
| Horizon | E1, E2, E3 | coordinated entry and management logic |
| Hyperion | E1, E2, E3 | coordinated entry and management logic |
| Odyssey | E1, E2, E3 | coordinated entry and management logic |

The engines use different entry levels, lifetimes and management rules. Multiple pending orders or positions from different engines can therefore be normal. Order comments use labels such as `AUROXIS HORIZON E1` when comments are enabled.

The module structure changes how the system is configured and presented. It does not alter the tested selection and sizing logic of the AUTO profiles.

# 6. Automatic profiles and capital

Automatic profiles progressively enable the portfolio according to account balance. Their tested engine mapping and internal risk weights remain managed by Auroxis.

| Profile | Starting minimum | Full automatic portfolio | Recommended capital |
|---|---|---|---|
| AUTO - Conservative | 500 USD | 3,500 USD | at least 5,000 USD |
| AUTO - Balanced | 500 USD | 2,500 USD | 3,500–5,000 USD |
| AUTO - Aggressive | 500 USD | 1,500 USD | 2,000–2,500 USD |

Below 500 USD, automatic profiles do not open new trades. Existing positions remain managed. These values are configuration references and not performance targets.

## Hysteresis and automatic sizing

After an engine becomes available, it is suspended only when balance falls approximately 10% below its activation threshold. This avoids repeated state changes near a boundary.

At the full-portfolio threshold, engines begin from their base size. Volumes then increase at different balance levels according to internal risk weights; they do not all increase simultaneously.

# 7. Custom Modules

The Custom Modules inputs apply only when `Trading Mode = CUSTOM MODULES`.

For Horizon, Hyperion and Odyssey, select an intensity:

| Intensity | Active engines | New entries |
|---|---|---|
| OFF | 0 | disabled for the module |
| LOW | 1 | E1 enabled |
| MEDIUM | 2 | E1 and E2 enabled |
| HIGH | 3 | E1, E2 and E3 enabled |

Turning a module OFF prevents new entries from that module. Existing positions and pending orders remain visible and continue through the normal recovery and management logic.

### Lot per Active Engine

The lot value is applied to every active engine in the module. With HIGH and 0.01 lot, a module can reach up to 0.03 lot of initial exposure if all three engines have a trade at the same time. Actual exposure depends on valid signals, broker execution and protection filters.

### Direction

Each module can allow **Both Directions**, **Buy Only** or **Sell Only**. A direction change applies to future entries. Existing market positions remain managed.

### Fixed and compound sizing

With fixed sizing, the configured lot per active engine remains unchanged. With compound sizing:

```
current lot = starting lot × sizing balance / reference balance
```

`Compound Reference Balance = 0` uses the balance recorded at startup. A value above zero uses the specified reference. `Compound From Peak Balance` can base sizing on the highest closed balance reached. Broker volume rules can round the result down.

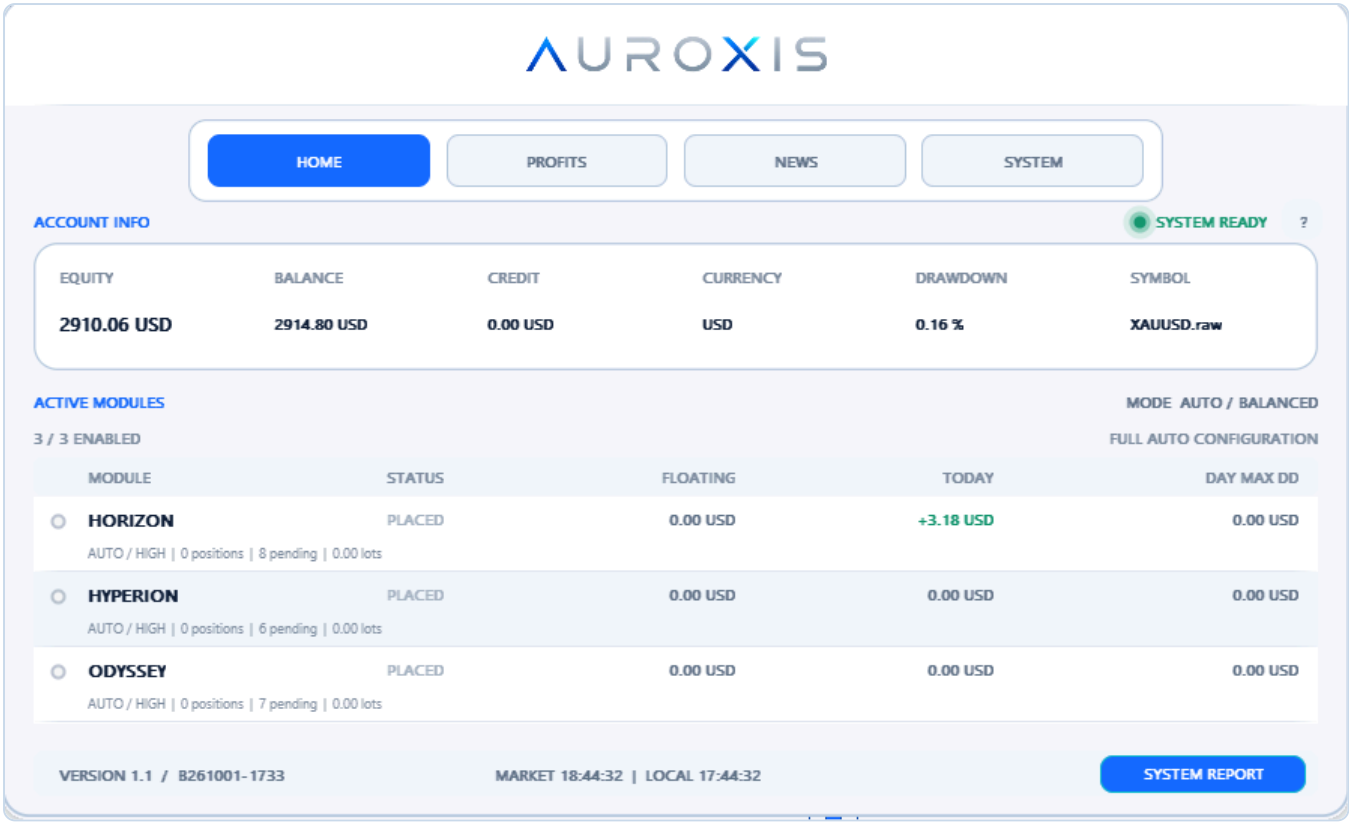
## 8. Dashboard

The dashboard is organized into **HOME**, **PROFITS**, **NEWS** and **SYSTEM** tabs.

### Home

Shows equity, balance, credit, currency, drawdown, symbol, operating mode and system status. Module rows show status, floating result, today's result, positions, pending orders and lots.

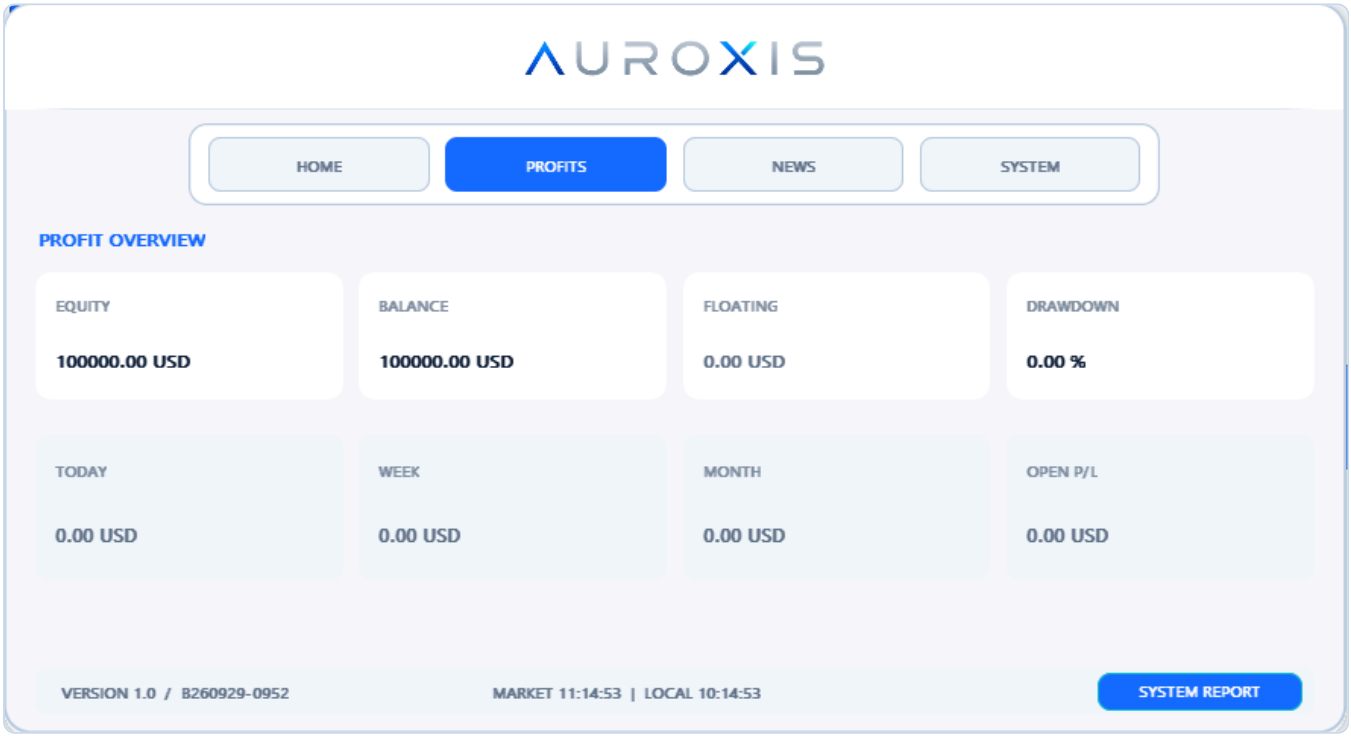
In AUTO mode, the rows summarize the engines currently available within each module. In CUSTOM MODULES mode, a module set to OFF is hidden unless it still has an open position or pending order that must remain visible.




HOME tab with account status and active modules

## Profits

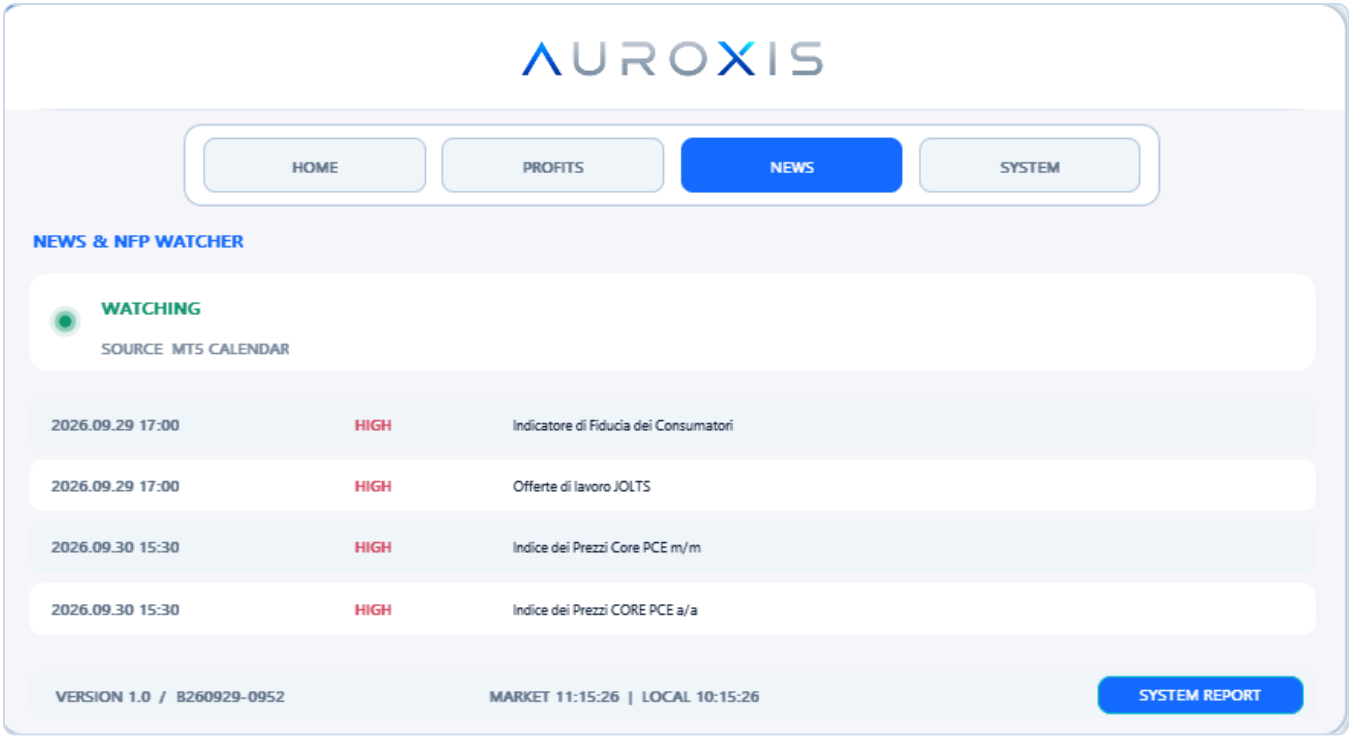
Shows realized profit for today, the week and the month, together with current floating P/L.




PROFITS tab with daily, weekly and monthly results

## News

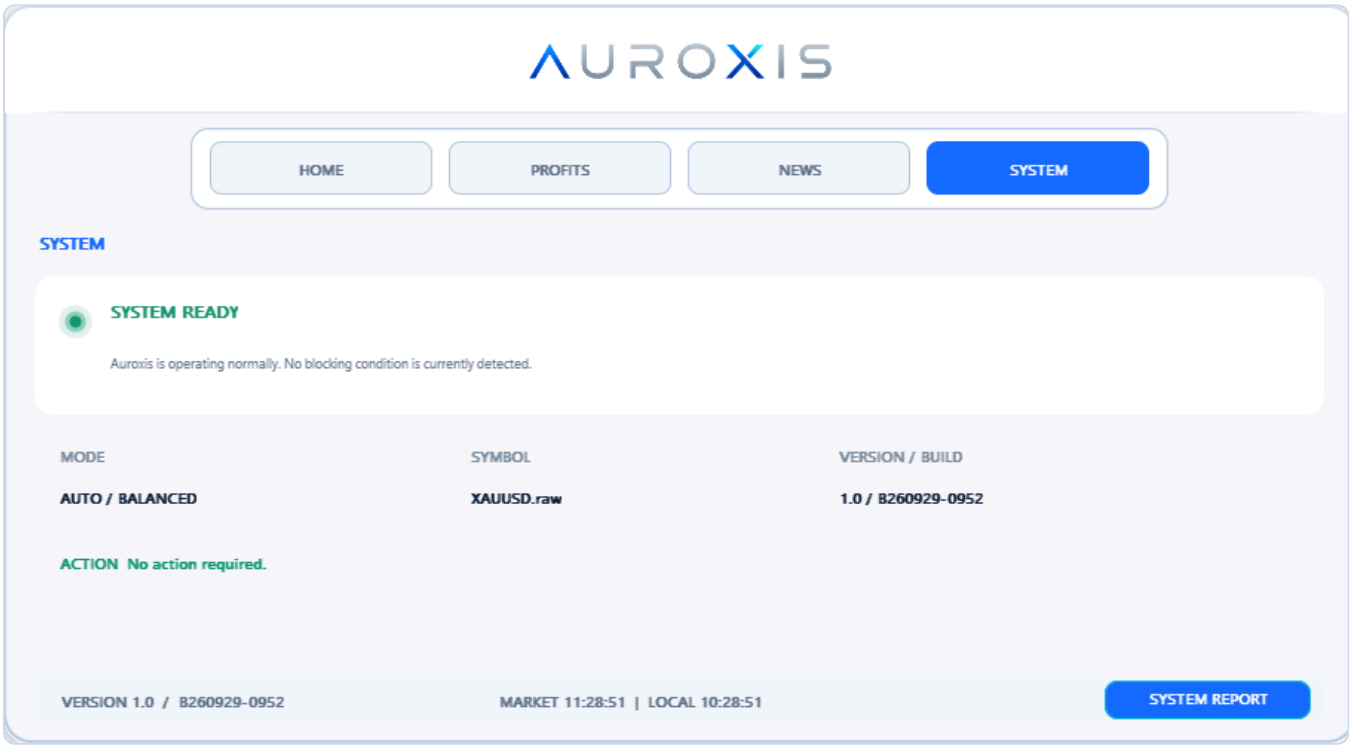
Shows selected upcoming economic events, impact, server time and countdown.




NEWS tab with the integrated economic event monitor

## System

Shows operating status, mode, symbol, version and required actions. **SYSTEM REPORT** creates a local diagnostic report and does not send files automatically.




SYSTEM tab with operating status and diagnostics

## Compact mode

When the chart is too small for the complete interface, Auroxis switches to a compact view. Enlarge the chart to restore all information.




Compact dashboard for smaller multi-chart workspaces

## 9. Chart theme

`Interface Theme` selects Light or Dark. `Apply Theme to Chart` also applies matching chart colors. `Show Closed Trade Markers` displays closed trades while avoiding the dashboard area.




Auroxis light interface on a live XAUUSD chart

## 10. Spread Filter

The spread filter blocks new entries when spread exceeds the configured limit. It does not close open positions. MT5 points depend on the broker's symbol digits and specifications, so adjust the limit only after checking the normal spread of the selected Gold symbol.

## 11. Trading Days Guard

This safeguard disables new entries on selected weekdays using broker server time. On a disabled day, Auroxis removes its pending orders and continues managing open positions. On the next allowed day, engines calculate fresh levels during the next M15 cycle.

## 12. News Guard

News Guard uses the MT5 economic calendar for USD events and can select High Impact Only, Medium + High or all impact levels.

| Impact | Before | After |
|---|---|---|
| High | 45 minutes | 30 minutes |
| Medium | 20 minutes | 10 minutes |
| Low | 5 minutes | 5 minutes |

When `Remove Pending Orders During News = true`, Auroxis removes pending orders during the protection window. Afterwards, engines recalculate the market and place only levels that remain valid. Existing market positions remain managed.

## 13. NFP Guard

NFP Guard operates independently from News Guard. By default it protects from 100 minutes before until 60 minutes after Non-Farm Payroll. It can remove pending orders and display the event on the chart. Strategy Tester does not provide the complete live economic calendar, so historical News Guard behavior cannot be reproduced exactly.

## 14. Pending orders, restart and offline operation

Pending orders are sent to the broker as GTC. Closing MT5, shutting down the computer or removing the EA does not automatically cancel them. Each pending order includes its initial SL and TP. Dynamic management resumes when Auroxis is running again.

After restart, Auroxis rebuilds fills and closures from broker history, reconciles positions by magic number, checks surviving pending orders, manages open positions and evaluates fresh levels.

## 15. Incorrect timeframe

Auroxis must run on M15. On another timeframe it blocks new entries, removes its pending orders and continues managing existing positions. Normal evaluation resumes after M15 is restored.

# 16. Magic Number and comments

`Magic Number` identifies Auroxis orders and positions and must differ from other EAs on the same account. Comments can show the Auroxis module and engine, show only Auroxis, or remain hidden. Recovery relies on the magic number and broker identifiers, not on comments.

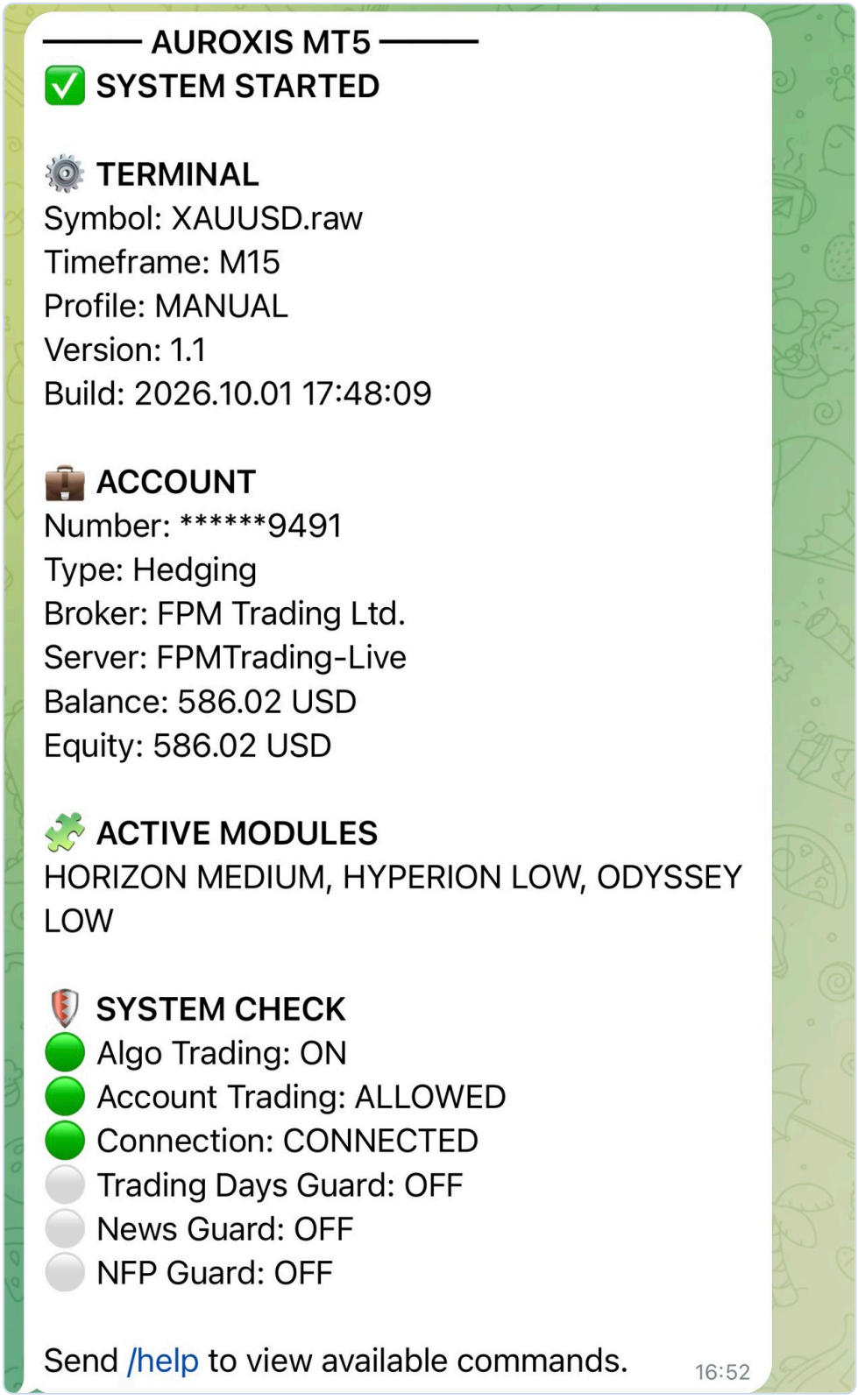
# 17. Telegram

Telegram provides remote, read-only monitoring of Auroxis. It can report system startup, account and connection status, active modules, pending orders, position activation and closure, scheduled summaries, News/NFP protection and operational warnings. Telegram never replaces the MT5 terminal and its commands cannot open, close or modify trades.

## Telegram setup

1. Open Telegram and start a conversation with the verified `@BotFather` account.
2. Send `/newbot`, choose a bot name and save the Bot Token provided by BotFather.
3. Open the newly created bot and send `/start` so that Telegram creates the conversation.
4. Retrieve the numerical `chat.id` from Telegram `getUpdates`, or through a trusted Chat ID utility.
5. In MT5, open **Tools > Options > Expert Advisors**.
6. Enable **Allow WebRequest for listed URL** and add `https://api.telegram.org`.
7. In the Auroxis Inputs, enable Telegram and enter the Bot Token and authorized Chat ID.
8. Start Auroxis and send `/ping` or `/status` to the bot to verify the connection.

Do not add a trailing path to the allowed URL. The MT5 WebRequest entry must be exactly `https://api.telegram.org`.




Telegram startup and system-status notification

### Notification levels

| Level | Information sent |
|---|---|
| Essential | startup and system state, activated positions, closures, summaries, News/NFP protection and important warnings |
| Detailed | all Essential events plus pending-order information including module engine, direction, volume, entry, SL and TP |

`Send Daily Summary` enables the scheduled account summary. `Daily Summary Hour` and `Daily Summary Minute` use broker server time. `Mask Account Number` hides all but the final digits of the trading account in Telegram messages.

### Read-only commands

The authorized chat can request:

```
/status /account /modules /positions /pending
/today /week /month /news /health /report
/version /ping /help
```

- `/status` shows terminal, account, active modules and safety checks;
- `/account` shows balance, equity, free margin and current drawdown;
- `/modules` shows Horizon, Hyperion and Odyssey intensity, positions and pending orders;
- `/positions` and `/pending` show current Auroxis exposure;
- `/today`, `/week` and `/month` provide performance summaries;
- `/news` shows the current economic-event schedule;
- `/health` and `/report` provide operating diagnostics;
- `/version`, `/ping` and `/help` verify the build, connection and available commands.

Only the configured Chat ID is authorized. Messages from other chats are ignored. Use a dedicated bot for Auroxis to avoid command-polling conflicts with another EA or external service.

### Security and limitations

Never share the Bot Token, include it in screenshots or send it to support. If a token is exposed, revoke it through BotFather and create a new one. Telegram is optional and Auroxis continues trading when it is disabled or temporarily unavailable. Telegram cannot be tested in Strategy Tester because MT5 disables `WebRequest()` during backtests.

## 18. Backtesting

Use the correct Gold symbol, M15, **Every tick based on real ticks**, suitable deposit and currency, and realistic spread, commission, swap and delay. Compare results only when the data source and test

configuration are the same. Enable the dashboard for visual tests and disable it for long non-visual runs when graphical output is unnecessary.

## 19. Updates and configuration changes

Before replacing a build, save the input preset, record the magic number and mode, check existing positions and pending orders, install the update, verify version and build on the dashboard, and create a System Report. Do not manually delete live exposure merely to update the EA unless support specifically instructs you to do so.

## 20. Quick troubleshooting

### The dashboard does not appear

Check `Show Dashboard`, enable the visual display when backtesting and resize the chart. Confirm that Auroxis is running on M15.

### No orders are placed

Check balance, M15, Algo Trading, terminal connection, spread, allowed trading day, News/NFP Guard, valid levels and the selected AUTO profile or Custom Module intensities.

### A reduced automatic portfolio appears

The current balance has not yet made the full automatic portfolio available. This is informational; the dashboard shows the next balance threshold.

### An OFF module is still visible

The module still owns an open position or pending order. It remains visible so that active exposure is not hidden.

### Telegram does not send messages

Check the token and Chat ID, send `/start`, allow `https://api.telegram.org`, inspect the Journal and try `/ping` after startup.

## 21. Information for support

Prepare the Auroxis version and build, broker and server, complete symbol name, account type and currency, timeframe, dashboard screenshot, relevant Journal entries, System Report and the exact event time. Never send passwords, Telegram Bot Tokens or trading-account credentials.

## 22. Essential glossary

- **Balance:** result of closed trades only.

- **Equity:** balance plus floating profit or loss.
- **Drawdown:** decline from a previous high.
- **Pending:** order waiting for activation.
- **Engine:** trading logic unit contained in a public Auroxis module.
- **Module:** Horizon, Hyperion or Odyssey, each grouping three engines.
- **Floating:** unrealized profit or loss.
- **Break-even:** moving the stop to the entry price or beyond.
- **Compound:** changing volume according to capital.
- **Hedging:** account mode allowing separate positions on the same symbol.
- **Netting:** account mode combining exposure on the same symbol.