

SignalTradingBot

Feature Specification Sheet

December 18, 2025

Abstract

This document summarizes the user experience and feature set of the Mini Bot V13.1 desktop application. It outlines the available tabs, their functions, and the integration workflow with MetaTrader 5 (MT5) and Telegram. This specification is intended for demos, documentation, and Quality Assurance (QA) reference.

Critical Usage Guidance

- **Risk Warning:** Trading involves significant risk. Nothing in this document constitutes financial advice.
- **Demo First:** Always start on a demo account before trading live capital.
- **Broker Check:** Confirm your broker supports Expert Advisors (EAs) and automated order placement.
- **Configuration:** Understand your signal provider's Stop Loss (SL) / Take Profit (TP) style and latency before configuring automation.

1 Platform & Requirements

- **OS Compatibility:** Windows 10/11 (64-bit).
- **Terminal:** Designed for MetaTrader 5 terminals that allow Expert Advisors (EAs).
- **Infrastructure:** Best experience on a Windows VPS for 24/7 uptime.

2 Tabs & Workflows

Each tab focuses on a specific part of the trading lifecycle—from live execution and logs to strategy design, auditing, and configuration.

Dashboard

Live view of performance and open risk.

- Daily profit chart with date filters and profit vs. cumulative views.
- Account equity, balance, margin level, and free margin at a glance.
- Today's P&L with clear gain/loss colouring and timezone label.

Logs

Real-time console for system activity.

- Live feed with severity levels and optional stack traces for errors.

- Filters for **Info**, **Warning**, and **Error** messages.
- Built-in text search.
- Controls for clear, save, auto-scroll, and timestamp visibility.

Strategies

Configuration center for signal-to-trade logic.

- Grid of strategies with status, channel link, and quick enable/disable toggles.
- Execution modes for instant or signal-based entries with tailored forms.
- **Risk Controls:** TP ladders, trailing stops, breakeven, and daily loss guards.

Audit

Full trace for every processed signal.

- 7-day stats for total signals, success rate, and processing time.
- Filterable audit table with parse/execution status and latency metrics.
- **Details Pane:** View raw signal data, parsed payload, and execution response.

Settings

Integration and global preferences.

- Telegram + MT5 connection setup, including terminal path validation.
- Global trading parameters (default lot size, max slippage, algo toggle).
- Clock and analytics timezone configuration with persistent storage.

Help / News

In-app knowledge base and updates.

- News cards with summaries pulled from the SignalTradingBots API.
- Video tutorials sourced from a dedicated help feed.
- Optional promotional hero image for campaigns or release notes.

3 Global Controls

These controls remain always visible to ensure immediate access to critical functions.

- **Lifecycle Control:** Start / Stop buttons with clear enabled/disabled states.
- **Status Indicators:** Inline notifications for lifecycle events.
- **Time Management:** Three digital clocks aligned with your chosen timezones.

4 QA Checklist Starter

Use this list when testing new installs, updates, or broker changes to ensure the full experience behaves as expected.

1. **Lifecycle:** Confirm Start / Stop behaviour, status banner, and clock updates.
2. **Financial Accuracy:** Match Dashboard P&L against MT5 for both server and system time-zone modes.
3. **Logging:** Trigger sample Info / Warning / Error logs and verify filters respond instantly.
4. **Strategy Logic:** Save, duplicate, and adjust a strategy; confirm the Audit tab reflects new behaviour.
5. **Persistence:** Change MT5 path and timezones in Settings, restart, and verify persistence.