

TradeGuard Pro

Automatic Stop Loss Telegram Notify

Expert Advisor for MetaTrader 5

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Premium User Guide



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1 Introduction

Welcome to the premium guide for **TradeGuard Pro Automatic Stop Loss Telegram Notify**, a sophisticated Expert Advisor (EA) for MetaTrader 5. This EA automates stop loss management, delivers real-time Telegram notifications, and provides detailed trade tracking. Designed for forex pairs (excluding JPY), BTCUSD, and XAUUSD, it offers advanced risk management with a luxurious user experience. This guide covers installation, technical setup, FAQs, and future enhancements.

2 Key Features

- **Automated Stop Loss Management:** Sets initial stop losses using pips or ATR for forex (excluding JPY), percentage-based for BTCUSD and XAUUSD, with dynamic trailing stops (Break Even).
- **Real-Time Telegram Notifications:** Instant alerts for trade opens, closes, and adjustments, with customizable GIFs (open, profitable close, loss, break-even), session notifications, and loss limit alerts.
- **Trade Tracking and Reporting:** Saves data to daily/weekly CSV files, sends detailed Telegram summaries (trades, win rate, profit/loss), and provides session analysis.
- **Advanced Risk Management:** Customizable risk per trade, daily loss limits with alerts, and ATR-based lot sizing.
- **Visual Feedback:** Elegant on-chart labels for ATR, risk, volume, and stop loss, plus live loss alerts.
- **Multilingual Support:** Notifications in English or Spanish.
- **Customizability:** Extensive parameters for Telegram, stop loss, and risk settings.

3 Installation and Technical Setup

3.1 Installation Steps

Follow these steps to install TradeGuard Pro:

1. Copy the EA file to the MT5 **Experts** folder (e.g., `C:\Files55`).
2. Configure Telegram settings (see below).
3. Add `https://api.telegram.org` to MT5's allowed URLs (Tools > Options > Expert Advisors).
4. Attach the EA to a chart (any timeframe, ATR timeframe is configurable).
5. Ensure historical data for ATR calculations.

3.2 Setting Up Telegram Bot and Chat ID

To enable Telegram notifications, follow these technical steps:

1. Create a Telegram Bot:

- Open Telegram and search for BotFather.
- Start a chat and type `/newbot`.
- Follow the prompts: enter a bot name (e.g., TradeGuardBot) and a username ending in Bot (e.g., @TradeGuardProBot).
- BotFather will provide a TelegramBotToken (e.g., 123456789:ABCDEF...). Copy this token.

2. Get Your Chat ID:

- Add your new bot to a group or chat with yourself.
- Send a message to the bot.
- Use the GetUpdates API: Open a browser and visit <https://api.telegram.org/bot<YourBotToken>getUpdates> (replace `<YourBotToken>` with your token).
- Look for the `chatid` value in the JSON response (e.g., -1001234567890 for a group, or a positive number for a private chat). This is your TelegramChatID.

3. Configure in MT5:

- Open the EA settings in MT5, paste the TelegramBotToken and TelegramChatID into the respective fields.
- Save and restart MT5 if needed.

Ensure your bot has permission to send messages and that your chat ID is correct to avoid notification failures.

4 Input Parameters

4.1 Telegram Configuration

- **TelegramBotToken:** Your bot token (e.g., 123456789:ABCDEF...).
- **TelegramChatID:** Your chat ID (e.g., -1001234567890).
- **OpenGifUrl:** GIF for trade opens (default: <https://i.redd.it/a0h94ypv8w5e1.gif>).
- **CloseProfitGifUrl:** GIF for profitable closes (default: <https://media.giphy.com/media/w4zX4Pfl...>).
- **CloseLossGifUrl:** GIF for losing closes (default: <https://i.giphy.com/a7BCmY3LaiFilsvR32.webp>).
- **BreakEvenGifUrl:** GIF for break-even (default: <https://media.tenor.com/Re6A-w9QB34AAAAM/n...>).

4.2 Stop Loss Settings

- **EnableInitialSL:** Enable/disable initial stop loss (default: `true`).
- **PipsDistance:** Initial stop loss in pips (default: 15).
- **InitialPipsToBE:** Pips to break-even (default: 15).
- **Buffer:** Break-even buffer in pips (default: 0.5).
- **ATRPeriod:** ATR period (default: 14).
- **Timeframe:** ATR timeframe (default: `PERIOD_H1`).

4.3 Risk Management

- **RiskPercent:** Risk per trade (% of balance, default: 0.8).
- **MaxDailyLossPercent:** Max daily loss (%) (default: 3.0).
- **MaxLotSize:** Max lot size for over-lot alerts (default: 1.4).

4.4 Trade Tracking

- **FolderName:** CSV folder (default: `TradingData`).
- **DailyCSVFileName:** Daily log file (default: `trades.csv`).
- **WeeklyCSVFileName:** Weekly log file (default: `tradesweekly.csv`).

4.5 Notifications and Display

- **CheckInterval:** Stop loss check interval (seconds, default: 5).
- **CheckIntervalOverlot:** Over-lot check interval (seconds, default: 20).
- **AlertCooldown:** Over-lot alert cooldown (seconds, default: 500).
- **ShowRiskLabels:** Show on-chart labels (default: `true`).
- **ShowDailyLossLabel:** Show daily loss alert (default: `true`).
- **Language:** Choose english or spanish

5 Dependencies

- **MetaTrader 5:** MT5 only.
- **Internet Connection:** Required for Telegram.
- **ATR Indicator:** Built-in ATR used.
- **File System Access:** Write CSV files in MT5 Files directory.
- **MQL5 Libraries:** `<Trade.mqh>`, `<Object.mqh>`, `<StdLibErr.mqh>`, `<Trade.mqh>`, `<Trade.mqh>`, `<Trade.mqh>`, `<Trade.mqh>`.

6 Notes

- Test the EA in a demo account to verify functionality.
- Works with forex pairs (excluding JPY), BTCUSD, and XAUUSD.
- CSV files are stored in MT5 Files/**FolderName**.
- Ensure your Telegram bot and chat ID are correctly configured.

7 Frequently Asked Questions (FAQs)

- **What is TradeGuard Pro?** A premium EA for MT5 that automates stop loss and provides Telegram notifications for forex (excl. JPY), BTCUSD, and XAUUSD.
- **Which pairs are supported?** Forex pairs (excluding JPY), BTCUSD, and XAUUSD. JPY pairs are not compatible.
- **How do I set up the Telegram bot?** Use BotFather to create a bot, get the token, and use the API to find your chat ID (see Technical Setup).
- **Can I adjust risk settings?** Yes, modify RiskPercent and MaxDailyLossPercent in the EA settings.
- **Why aren't notifications working?** Check that <https://api.telegram.org> is allowed, and verify your bot token and chat ID.
- **Are there future updates?** Yes, a web dashboard and call alerts are in development. Details will follow.

8 Pricing

- **EA (Base Version):**
 - One-Time Purchase: \$100 USD.
 - Rental: \$30/month.
- **Future Premium Features (Dashboard + Calls):** Pricing to be announced upon release.

9 Conclusion

TradeGuard Pro offers a luxurious trading experience with automated risk management and real-time insights. Test it in demo mode, master the technical setup, and anticipate exciting updates. For support, join the MQL5 community or contact us directly.