

■ GuardianBot EA — Advanced Per-Symbol Risk Management for MetaTrader 5

Short Description

GuardianBot is an advanced **MetaTrader 5 Expert Advisor (EA)** designed for **per-symbol risk management**.

It tracks floating profit/loss and applies custom drawdown limits individually per symbol to ensure controlled, intelligent risk distribution across all trades.

■ Overview

Traditional EAs monitor global account drawdown, but GuardianBot goes further — it manages each pair independently.

If a symbol exceeds its configured loss limit, GuardianBot closes only that symbol's trades while keeping others active. This provides precision control and minimizes portfolio-wide impact.

■ Key Features

- ■ **Per-Symbol Floating PNL Monitoring**
- ■ **Custom Drawdown % per Symbol**
- ■ **Multi-Broker & Symbol-Suffix Compatibility**
- ■ **Supports Forex, Gold, and Silver**
- ■ **Auto Symbol Detection & Filtering**
- ■ **Optional Daily Stop-Loss**
- ■ **Pause/Resume After Breach**
- ■ **Real-Time Chart Display & Alerts**
- ■ **Low Resource Usage**

■ Installation

1. Copy `GuardianBot.mq5` to your `MQL5/Experts/` directory.
2. Open MetaEditor → Compile (`F7`).
3. Attach the EA to any chart.
4. Configure your input parameters.
5. Enable **AutoTrading** and allow trade permissions.

■ Configuration Guide

■ Symbol Settings

```
```ini
```

```
SymbolsToMonitor = "EURUSD,GBPUSD,XAUUSD"
```

```
AutoDetectAllSymbols = false
```

```
```
```

- **SymbolsToMonitor** → list of pairs to monitor
- **AutoDetectAllSymbols** → enable to monitor all visible symbols

■ Risk Control

```
``ini
```

```
PerPairLimits = "EURUSD:4,GBPUSD:3,XAUUSD:8"
```

```
DefaultLimitPercent = 5.0
```

```
TotalAccountRiskPercent = 15.0
```

```
PauseMinutesAfterClose = 60
```

```
...
```

- **PerPairLimits** defines % drawdown limit per symbol

- **DefaultLimitPercent** applies to unlisted symbols

- **PauseMinutesAfterClose** = cooldown after closure

■ Daily Stop-Loss (Optional)

```
``ini
```

```
EnableDailyStop = true
```

```
DailyStops = "XAUUSD:1000,GBPUSD:300"
```

```
...
```

■ Display & Alerts

```
``ini
```

```
ShowOnChart = true
```

```
SendAlerts = true
```

```
SendNotifications = false
```

```
...
```

```
---
```

■ How GuardianBot Works

1. **Initialization:** Loads and validates symbol list.
2. **Live Monitoring:** Calculates floating PNL every second.
3. **Limit Breach:** Closes trades for breached symbol, pauses it.
4. **Display Update:** Real-time chart overlay shows active/paused status.
5. **Logging & Alerts:** Generates console + push alerts (optional).

```
---
```

■ Example On-Chart Display

```
...
```

```
=== GuardianBot Status ===
```

```
Account Balance: $10,000.00
```

```
Total Symbols: 4
```

EURUSD: ACTIVE | -1.50% / 4.0%

GBPUSD: ACTIVE | 0.75% / 3.0%

XAUUSD: PAUSED | 0.00% / 8.0% | Pause: 45m

USDJPY: ACTIVE | -2.00% / 3.0%

...

■ Usage Examples

Example 1 — Conservative Setup

...

SymbolsToMonitor = "EURUSD,GBPUSD,USDJPY"

PerPairLimits = "EURUSD:2,GBPUSD:2,USDJPY:2"

...

Example 2 — Forex + Metals

...

SymbolsToMonitor = "EURUSD,GBPUSD,XAUUSD,XAGUSD"

PerPairLimits = "EURUSD:3,GBPUSD:3,XAUUSD:8,XAGUSD:6"

...

Example 3 — Auto Mode

...

AutoDetectAllSymbols = true

DefaultLimitPercent = 5.0

...

■ Important Notes

- Always test on **demo account first**.
- Start with **low drawdown limits** and increase gradually.
- Check Market Watch for available symbols.
- Stable internet connection required for real-time monitoring.

■ Troubleshooting

| Issue | Possible Cause / Fix |

|-----|-----|

| EA not monitoring symbols | Ensure symbols exist in Market Watch |

| PNL always 0.00 | Ensure open trades are active |

| Positions not closing | Check AutoTrading & broker permissions |

| Symbol not found | Use correct broker suffix (e.g., EURUSDm) |

■ Version Information

- **Version:** 1.00
- **Platform:** MetaTrader 5
- **Compatibility:** All major MT5 brokers
- **Last Updated:** October 2025

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> *GuardianBot — Protecting your trading capital, one symbol at a time.*

■■ GitHub Repository Info

Repo Name: `GuardianBot-EA`

Short Description: “Advanced MT5 Expert Advisor for per-symbol risk management and live monitoring.”