# Quick Start Guide

Thank you for choosing **Golden Mirage EA**. This guide will help you get started quickly and ensure you achieve the best trading experience.

1. **Broker Selection**

For optimal results, use a reputable ECN broker with low spreads. We recommend [**https://roboforex.com/?a=vxrj**](https://roboforex.com/?a=vxrj) for their competitive trading conditions. High spreads can significantly impact your trading performance.

2. **Installation**

Download Golden Mirage from the MQL5 marketplace or your trading platform.

Open your MetaTrader 4 or MetaTrader 5 terminal.

In the Navigator panel, locate Golden Mirage under "Expert Advisors".

Drag and drop the EA onto the chart of one of the recommended currency pairs.

3. **Chart Setup**

**Main Pair**: XAUUSD or Gold

**Timeframe**: M5 (5-minute chart) is required for trading.

**One chart per pair**: If you want to use the EA on other pairs (for any reason), attach the EA to a separate chart for each pair you wish to trade.

4. **First Steps**

Test the EA on a demo account before going live.

Default settings are pre-optimized, no need for manual optimization. But of course, you can create your own settings.

For initial testing, you may set a small lot size or use Autolot with a conservative risk level.

For live trading, a minimum deposit of 500 USD is required (1000 USD recommended for optimal performance).

5. **VPS Hosting**

For uninterrupted trading, we recommend using a reliable VPS service like [**https://dipgate.com/aff.php?aff=3**](https://dipgate.com/aff.php?aff=3)

A VPS (Virtual Private Server) is like a remote computer that stays online 24/7, ensuring your EA is always running—even when your own PC is off.

How to use a Dipgate VPS: <https://youtu.be/jnp4_hXt11E>

Once inside the VPS, repeat the same steps as on your local PC: open MetaTrader, download/install the EA, and set it up on the charts as described above.

This way, your Golden Mirage EA will always be active and ready to trade, no matter where you are.

6. **Backtesting**

MT4: Set the spread to 20 in the strategy tester for realistic results.

MT5: Use the "1 minute OHLC" or "Every Tick" mode for efficient and accurate backtesting.

7. **What to Expect**

Golden Mirage will automatically open and manage trades based on its internal logic.

The EA may not open trades immediately, be patient and allow it to wait for optimal market conditions.

If no trades are opened after several hours, double-check my guide: <https://www.mql5.com/en/blogs/post/735049>

Monitoring the EA is always recommended.

By following these steps, you are ready to make the most of Golden Mirage. Enjoy your trading journey!

# Complete Guide

## Overview

Golden Mirage is a fully automated trading robot designed for specific Gold on the M5 timeframe. It uses a robust combination of RSI, Moving Average, Adx, and High/Low Level filters to generate high-quality trading signals. The EA is pre-optimized and ready to use out of the box.

## Settings

#### Trade Volume & Risk

**Start Trade Volume**: The initial lot size for each trade.

**Autolot**: Automatically calculates lot size based on account balance and risk level.

**Sqrt lot**: Enable if your account balance exceeds 7000 USD for advanced lot scaling.

**Risk Level**: Determines the risk per trade when Autolot is enabled.

#### Prop Firm Settings

**Enable Prop Firm Settings**: Activates prop firm risk management features.

**Prop Firm Randomize Trades**: Adds randomization to trade execution for prop firm compliance.

**Prop Firm Max DD Percentage**: Sets the maximum allowed drawdown as a percentage of account balance (default: 9%).

**Prop Firm Max DD Daily Percentage**: Sets the maximum daily drawdown (default: 4%).

#### Trade Management

**Unique Magic Number**: Identifies trades opened by this EA.

**Spread Allowed**: Maximum spread (in points) for trade execution.

#### Indicators Settings

##### RSI Settings

**Activate RSI Filtering Condition:** Enables/disables RSI-based trade filtering.

**RSI Calculation Length:** Number of periods for main RSI calculation.

**RSI Short Calculation Length:** Number of periods for short-term RSI calculation.

**Overbought RSI Level:** RSI value above which the market is considered overbought.

**Oversold RSI Level:** RSI value below which the market is considered oversold.

**RSI Evaluation Timeframe:** Timeframe used for RSI calculation.

**Source Price for RSI:** Price type used for RSI calculation (close, open, etc.).

**Invert RSI Entry Direction:** Inverts the RSI signal logic.

##### ADX Strength Filter

**Activate ADX Filtering Condition**: Enables/disables ADX-based trade filtering.

**ADX Calculation Length**: Number of periods for ADX calculation.

**Long Minimum ADX Value for Forced Filter:** Minimum ADX value required to allow long trades.

**Short Minimum ADX Value for Forced Filter:** Minimum ADX value required to allow short trades.

**Invert ADX Entry Direction**: Inverts the ADX signal logic.

**ADX Evaluation Timeframe**: Timeframe used for ADX calculation.

#### Moving Average Filter

**Turn On Moving Average Filter**: Enables/disables MA-based filtering.

**Short-term Moving Average Window:** Period for the short-term MA (buy side).

**Long-term Moving Average Window:** Period for the long-term MA (buy side).

**Sell Side Short-term Moving Average Window:** Period for the short-term MA (sell side).

**Sell Side Long-term Moving Average Window:** Period for the long-term MA (sell side).

**Type of Average to Calculate**: Selects the type of moving average (SMA, EMA, etc.).

**Source Price for Average**: Price type used for MA calculation (close, open, etc.).

**Timeframe for Average Calculation**: Timeframe for MA calculation.

#### High/Low Levels Detection

**Activate Identification of High/Low Levels**: Enables detection of significant price levels.

**Scan for High/Low over past N candles**: Number of candles to scan for high/low.

**Reference timeframe for High/Low**: Timeframe used for high/low detection.

**Activate Trend Following Logic**: Enables trend-following logic for trade entries.

**Use Adaptive Trigger Logic**: Enables adaptive logic for trade triggers.

#### Operation Schedule

**Enable Scheduled Trading**: Restricts trading to specified hours.

**Trading Window Open Hour/Minute**: Time when trading window opens.

**Trading Window Close Hour/Minute**: Time when trading window closes.

**Close Friday**: Closes all trades at breakeven and stops trading on Friday.

**Close Friday Hour**: Time to close trades on Friday.

**Close Friday Night also if our trades are in loss**: Forces closure of trades on Friday night, even if in loss.

**Strong Close Friday Hour**: Additional Friday closure time.

#### Trading Days

**Trade on Monday/Tuesday/Wednesday/Thursday/Friday/Saturday/Sunday**: Enable or disable trading for each day of the week.

#### Trade Directions

**Allow New Series**: Allows the EA to start new trade series.

**Permit Buy Orders**: Enables buy trades.

**Permit Sell Orders**: Enables sell trades.

**Allow Buy and Sell at the same time**: Enables simultaneous buy and sell positions.

**Fifo Closing**: Enables FIFO (First In, First Out) closing logic.

#### Grid Rules

**Max Concurrent Orders**: The maximum number of trades that the EA can have open at the same time. This helps control risk and exposure.

**Increment Factor for Grid Position Sizing**: Determines how the lot size increases for each new grid trade.

**Grid Minimum Gap Percentage**: Minimum distance (as a percentage) between each grid order.

**Grid Gap Multiplier**: Multiplies the gap between subsequent grid orders, allowing for wider spacing as the grid expands.

**Grid Single Trade Per Bar**: If enabled, the EA will only execute one grid trade per bar or candlestick, reducing overtrading.

**Grid Order Execution Timeframe**: The timeframe on which grid orders will be executed (e.g., M15, H1).

#### Close Rules

**Take Profit Percentage:** The profit target as a percentage of the order size.

**Modify Take Profit For First Order:** Allows a different take profit for the first order in a series.

**Take Profit Percentage First Order:** Specific take profit percentage for the first order.

**Terminate Position At Candle Completion**: If enabled, the EA will close all open positions at the end of the current candlestick.

**Timeframe for close orders**: The timeframe used to evaluate closing conditions.

**Extra Closing Rules**: Additional custom rules for closing trades, if implemented.

#### Financial Management

**Activate Loss Cap**: Enables a maximum loss limit. If the loss cap is reached, the EA will take action according to the settings below.

**Scale Loss Cap With Lot Size**: If enabled, the loss cap will be scaled based on the lot size of open trades.

**Disable Trading After Loss Cap**: If enabled, the EA will stop trading after the loss cap is reached.

**Closes across all pairs when loss limit reached**: If enabled, the EA will close all trades on all pairs if the loss cap is hit.

**Loss Cap Amount**: The loss amount (in account currency) that triggers the cap.

#### Display Settings

**Modify Chart Appearance**: Adjusts chart visuals for better clarity.

**Display Control Panel**: Shows a control panel on the chart.

**Conceal Information**: Hides sensitive information on the chart.

**Conceal Buttons**: Hides chart buttons to prevent accidental clicks.

**Trade Comment**: Custom comment for each trade.

# Best Practices

Always test the EA on a demo account before live trading.

Adjust risk and lot size according to your account balance and risk tolerance.

Use a VPS for uninterrupted operation.

Monitor your account regularly, especially after major market events or broker changes.

For further help, contact me via MQL5 messages.

By following this guide, you will be able to set up and operate Golden Mirage efficiently and safely. Happy trading!