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# **XAU HYPER SCALPER - USER MANUAL**

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## **Advanced Gold Scalping Expert Advisor v1.1**

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# INTRODUCTION

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The **XAU Hyper Scalper** is a professional Expert Advisor specifically designed and optimized for **Gold (XAUUSD)** trading. It uses advanced scalping strategies combined with Parabolic SAR and Bollinger Bands indicators to identify high-probability trading opportunities.

## Key Features:

- **Professional Trading Dashboard** - Real-time monitoring of performance and account metrics
  - **Advanced News Filter** - Automatically stops trading during high-impact news events
  - **Intelligent Risk Management** - Built-in stop loss and trailing stop mechanisms
  - **Optimized for Gold** - Specifically calibrated for XAUUSD pairs
  - **Real-Time Statistics** - Track wins, losses, profit/loss, and win rate
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# SYSTEM REQUIREMENTS

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## Minimum Requirements:

- **Platform:** MetaTrader 4 (MT4)
- **Recommended Symbol:** XAUUSD (Gold)
- **Recommended Timeframe:** 5-Minute Chart (M5)
- **Minimum Deposit:** \$500 (for 0.05 lot size)
- **Spread:** Maximum 30 points (recommended)

- **Internet Connection:** Stable connection required for news filter

## Recommended Broker Specifications:

- Low spreads on XAUUSD (preferably under 20 points)
  - Fast execution speeds
  - No restrictions on Expert Advisors
  - Reliable server uptime
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## INSTALLATION GUIDE

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### Step 1: Download and Place Files

1. Download the EA file: **GOLD HYPER SCALPER 5m.mq4**
2. Open your MT4 platform
3. Click **File** → **Open Data Folder**
4. Navigate to **MQL4** → **Experts**
5. Copy the EA file into this folder

### Step 2: Enable AutoTrading

1. Restart MT4 or right-click in Navigator and select **Refresh**
2. Open a **XAUUSD** chart (recommended: 5-minute timeframe)
3. In the Navigator panel, find the EA under **Expert Advisors**
4. Drag and drop it onto the XAUUSD chart
5. In the popup window:
  - ☒ Check **Allow live trading**
  - ☒ Check **Allow DLL imports** (if required)
  - Configure your settings (see sections below)
  - Click **OK**

### Step 3: Enable WebRequest for News Filter

The News Filter requires internet access to download economic calendar data:

1. Go to **Tools** → **Options** → **Expert Advisors** tab
2. ☒ Check **Allow WebRequest for listed URL**
3. Add this URL to the list:

```
http://nfs.faireconomy.media/ff_calendar_thisweek.xml
```

4. Click **OK**

## Step 4: Verify Installation

- Look for a **green smiley face** in the top-right corner of the chart
- The **Professional Dashboard** should appear in the top-left corner
- Check that AutoTrading is enabled (button should be green)

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## DASHBOARD OVERVIEW

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The EA features an **Institutional-Grade Trading Dashboard** that displays:

### Status Section:

- **EA Status:** Shows if the EA is ACTIVE or PAUSED
- **News Filter Status:** Shows if news filtering is ACTIVE or DISABLED

### Trading Performance:

- **Open Orders:** Current number of active trades
- **Closed Orders:** Total number of completed trades
- **Winning Trades:** Number of profitable trades
- **Losing Trades:** Number of losing trades
- **Win Rate:** Percentage of winning trades (Green ≥60%, Orange 40-60%, Red <40%)
- **Total Profit:** Cumulative profit from all winning trades
- **Total Loss:** Cumulative loss from all losing trades
- **Net P&L:** Overall profit/loss (green if positive, red if negative)

# Account Information:

- **Balance:** Current account balance
- **Equity:** Real-time account equity
- **Margin Used:** Amount of margin currently in use
- **Free Margin:** Available margin for new trades

# Last Update Timestamp:

- Shows when the dashboard was last refreshed
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# TRADING SETTINGS

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## Core Parameters:

### **Sar\_period** (Default: 0.56)

- Controls the Parabolic SAR indicator sensitivity
- **Lower values:** More sensitive, more signals
- **Higher values:** Less sensitive, fewer signals
- **Recommended range:** 0.4 - 0.8

### **Acceleration** (Default: 9)

- SAR acceleration factor
- Affects how quickly the SAR adjusts to price changes
- **Recommended range:** 7 - 12

### **Lots** (Default: 0.05)

- Size of each trade in lots
- **0.01 lot** = 100–200 account minimum
- **0.05 lot** = 500–1,000 account minimum
- **0.10 lot** = 1,000–2,000 account minimum
- **Important:** Adjust based on your account size and risk tolerance

## **Magic Number (Default: 1111111)**

- Unique identifier for this EA's trades
  - Change this if running multiple EAs on the same account
  - Allows the EA to identify its own trades
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## **RISK MANAGEMENT**

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### **StopLoss (Default: 530 points)**

- Maximum loss allowed per trade
- **530 points** = \$53 on Gold (for 0.01 lot)
- **Formula:**  $\text{Points} \times \text{Lot Size} \times 10 = \text{Loss amount}$
- **Recommendation:** Don't set below 400 points for Gold due to volatility

### **TrailingStop (Default: 25 points)**

- Activates after trade moves into profit
- Locks in profits by moving stop loss with price
- **25 points** = Moderate protection
- **Recommended range:** 20 - 50 points

### **Step (Default: 25 points)**

- Minimum price movement before trailing stop adjusts
- Prevents trailing stop from adjusting too frequently
- **Recommended:** Keep equal to or slightly higher than TrailingStop

### **Max\_Spread (Default: 30 points)**

- Maximum allowed spread for opening trades
- If spread exceeds this value, EA won't open new positions
- **Recommended:** 20-35 points (lower is better)
- **Important:** Check your broker's typical Gold spread



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# NEWS FILTER SETTINGS

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The News Filter protects your account by **stopping trading** before and after major economic news events.

## Enable/Disable News Filter:

### **allowNews** (Default: true)

- **true** = News Filter ACTIVE (recommended)
- **false** = News Filter DISABLED

### **high\_impact\_value** (Default: 30 minutes)

- Time buffer before and after high-impact news
- EA stops trading 30 minutes before event and resumes 30 minutes after
- **Recommended range:** 15 - 60 minutes

## Impact Filters:

### **IncludeHigh** (Default: true)

- **Always recommended:** High-impact news causes major volatility

### **IncludeMedium** (Default: false)

- Medium-impact news (less critical)
- Enable if you want maximum protection

### **IncludeLow** (Default: false)

- Low-impact news (minimal effect)
- Usually safe to keep disabled

### **IncludeSpeaks** (Default: false)

- Central bank speeches and remarks
- Enable for extra caution during speech events

### **IncludeHolidays (Default: false)**

- Bank holidays and observances
- Enable if trading during holiday periods

## Currency Filters:

The EA monitors news for these currencies (relevant to Gold trading):

- **ReportForUSD** (Default: true) - US Dollar - **Keep enabled!**
- **ReportForEUR** (Default: true) - Euro
- **ReportForGBP** (Default: true) - British Pound
- **ReportForAUD** (Default: true) - Australian Dollar
- **ReportForNZD** (Default: true) - New Zealand Dollar
- **ReportForCAD** (Default: true) - Canadian Dollar
- **ReportForCHF** (Default: true) - Swiss Franc
- **ReportForJPY** (Default: true) - Japanese Yen

**Recommendation:** Keep all major currencies enabled for comprehensive protection.

## Display Settings:

### **ShowPanel (Default: true)**

- Shows the news panel on chart
- Displays upcoming news events with countdown timers

### **ShowVerticalNews (Default: true)**

- Draws vertical lines on chart at news times
- Visual indicator of when news events occur

### **ShowInfo (Default: true)**

- Shows candle time remaining and current spread

- Helpful for monitoring market conditions

## Alert Settings:

### **Alert1Minutes** (Default: 15 minutes)

- First warning before news event

### **Alert2Minutes** (Default: 5 minutes)

- Second warning before news event

### **PopupAlerts** (Default: false)

- Enable to receive popup notifications

### **SoundAlerts** (Default: false)

- Enable to receive sound alerts

### **NotificationAlerts** (Default: false)

- Enable to receive mobile push notifications

### **EmailAlerts** (Default: false)

- Enable to receive email notifications

## Advanced Settings:

### **UpdateHour** (Default: 4 hours)

- How often to refresh the economic calendar
- **Recommended:** Keep at 4 hours or less

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# DISPLAY SETTINGS

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# ShowDashboard (Default: true)

- Shows/hides the professional trading dashboard
- **true** = Dashboard visible
- **false** = Dashboard hidden (not recommended)

# EnableDebugMode (Default: false)

- **WARNING:** Creates large log files
  - Only enable if troubleshooting issues
  - **true** = Detailed logging enabled
  - **false** = Normal operation (recommended)
- 

## BEST PRACTICES

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### 1. Account Setup:

- Start with a **demo account** to familiarize yourself with the EA
- Minimum recommended balance: **\$500** for 0.05 lot size
- Use proper risk management: **Risk max 2-5% per trade**

### 2. Optimal Settings:

- **Timeframe:** 5-Minute (M5) chart
- **Symbol:** XAUUSD only
- **Keep News Filter enabled** during major economic events (NFP, FOMC, etc.)
- Monitor the dashboard regularly for performance insights

### 3. Broker Selection:

- Choose a broker with **low spreads** on XAUUSD (under 20 points ideal)
- Ensure **fast execution** speeds
- Verify **no restrictions** on Expert Advisors

- Check for **reliable server** uptime

## 4. Monitoring:

- Check the dashboard at least **once per day**
- Monitor **Win Rate** - aim for above 50%
- Watch **Net P&L** trends over time
- Adjust lot size based on account growth

## 5. Risk Management:

- Never risk more than **2-5% of your account** on a single trade
- If you experience a losing streak, **reduce lot size** or pause trading
- Review settings if Win Rate falls below 40%

## 6. News Events:

- Always keep **News Filter** enabled
- Major news to watch: NFP, FOMC, CPI, GDP, Interest Rate Decisions
- The EA will automatically stop trading during these events

## 7. Performance Optimization:

- Review trading results **weekly**
- Adjust parameters based on market conditions
- Keep a trading journal to track EA performance

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# TROUBLESHOOTING

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## Problem: EA is not opening trades

### Solutions:

1. Verify **AutoTrading** is enabled (green button)

2. Check that **spread is below Max\_Spread** (30 points)
3. Ensure **no news events** are active (check News Filter panel)
4. Confirm **sufficient free margin** in account
5. Verify you're trading on **XAUUSD** chart

## Problem: Dashboard not showing

### Solutions:

1. Ensure **ShowDashboard = true** in settings
2. Restart the EA
3. Check that chart has enough space (zoom out if needed)

## Problem: News Filter not working

### Solutions:

1. Verify **WebRequest URL is allowed** in MT4 settings
2. Check **internet connection** is stable
3. Ensure **allowNews = true** in settings
4. Wait for XML file to download (may take a few minutes on first run)

## Problem: Too many losing trades

### Solutions:

1. Reduce **lot size** to minimize losses
2. Enable **News Filter** if disabled
3. Check broker **spread** - may be too high
4. Review **StopLoss** setting - may be too tight
5. Consider trading during **optimal hours** (London/NY sessions)

## Problem: Trades closing too early

### Solutions:

1. Increase **TrailingStop** value

2. Increase **Step** value
3. Review **StopLoss** - may be too tight for Gold volatility

## Problem: "Demo version is over" message

### Solutions:

- This EA may have demo limitations
  - Contact **Alpha Structure FX** for full version information
- 

## IMPORTANT WARNINGS

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### Symbol Compatibility:

- This EA is **optimized for GOLD (XAUUSD) only**
- Using on other symbols may produce **suboptimal results**
- Accepted symbols: **XAUUSD**, **GOLD**, **XAUUSDm**

### Risk Disclosure:

- **Trading involves substantial risk** of loss
- Past performance does **not guarantee** future results
- Never trade with money you **cannot afford to lose**
- Always use **proper risk management**

### Account Requirements:

- Ensure you have **sufficient margin** before trading
- The EA will check for margin availability before opening trades
- Low margin can result in **rejected trades** or **margin calls**

### News Events:

- **Keep News Filter enabled** unless you fully understand the risks

- High-impact news can cause **extreme volatility** and **slippage**
- The EA automatically **stops trading** during news events for your protection

## VPS Recommendation:

- For 24/7 operation, consider using a **Virtual Private Server (VPS)**
- Ensures EA runs continuously without interruptions
- Eliminates dependency on your personal computer

## Demo Testing:

- **Always test on demo account first** before going live
- Test for at least **2-4 weeks** to understand EA behavior
- Verify settings work well with your broker's conditions

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## SUPPORT INFORMATION

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### Developer:

Alpha Structure FX

### Website:

<https://alphastructurefx.com>

### Version:

1.1 - With Updated News Filter

### Copyright:

Alpha Structure FX - 2025



# Getting Help:

- For technical support, contact Alpha Structure FX
  - Include your MT4 account number, broker name, and description of the issue
  - Provide screenshots if possible
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## QUICK START CHECKLIST

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Before activating the EA, ensure you've completed these steps:

- ☐ MT4 platform installed and running
  - ☐ EA file placed in MQL4/Experts folder
  - ☐ XAUUSD chart opened (5-minute timeframe recommended)
  - ☐ WebRequest URL added for news filter
  - ☐ AutoTrading enabled (green button)
  - ☐ "Allow live trading" checked in EA settings
  - ☐ Lot size adjusted to your account balance
  - ☐ Stop loss and trailing stop configured
  - ☐ News Filter enabled and working
  - ☐ Dashboard visible and showing correct data
  - ☐ Tested on demo account for at least 2 weeks
  - ☐ Broker spread checked (should be under 30 points)
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## RECOMMENDED SETTINGS BY ACCOUNT SIZE

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### Conservative (Low Risk):

**Account:** 500–1,000

- Lot Size: 0.01 - 0.02
- StopLoss: 530 points
- TrailingStop: 30 points

- Max\_Spread: 25 points

## Moderate (Medium Risk):

**Account:** 1,000–5,000

- Lot Size: 0.05 - 0.10
- StopLoss: 530 points
- TrailingStop: 25 points
- Max\_Spread: 30 points

## Aggressive (Higher Risk):

**Account:** \$5,000+

- Lot Size: 0.10 - 0.20
- StopLoss: 500 points
- TrailingStop: 20 points
- Max\_Spread: 30 points

**Note:** These are guidelines only. Adjust based on your personal risk tolerance and market conditions.

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# UNDERSTANDING THE STRATEGY

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The XAU Hyper Scalper uses a combination of:

1. **Parabolic SAR** - Identifies trend direction and potential reversal points
2. **Bollinger Bands** - Detects overbought/oversold conditions
3. **Volume Analysis** - Confirms trade signals
4. **News Filter** - Avoids trading during high-volatility events

### Entry Logic:

- Buys when price touches lower Bollinger Band and SAR confirms uptrend
- Sells when price touches upper Bollinger Band and SAR confirms downtrend

## Exit Logic:

- Fixed stop loss for maximum risk control
  - Trailing stop to lock in profits
  - Automatic closure based on opposite signals
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# MONITORING YOUR RESULTS

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## Key Metrics to Track:

1. **Win Rate:** Target 50%+ (60%+ is excellent)
2. **Average Profit per Trade:** Should exceed average loss
3. **Maximum Drawdown:** Keep under 20% of account
4. **Profit Factor:** Aim for 1.5 or higher (Total Profit ÷ Total Loss)

## When to Adjust Settings:

- **Win Rate below 40%:** Consider increasing StopLoss or reducing trading frequency
  - **Too many trades during news:** Increase high\_impact\_value buffer time
  - **Frequent spread rejections:** Increase Max\_Spread or switch brokers
  - **Large drawdowns:** Reduce lot size immediately
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# FINAL TIPS FOR SUCCESS

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1. **Be Patient** - Don't expect overnight riches
  2. **Keep Learning** - Monitor your results and adjust accordingly
  3. **Stay Disciplined** - Don't override the EA manually during trades
  4. **Manage Risk** - Never risk more than you can afford to lose
  5. **Use VPS** - For consistent 24/7 operation
  6. **Keep Updated** - Check for EA updates from Alpha Structure FX
  7. **Journal Your Trading** - Track performance weekly/monthly
  8. **Diversify** - Don't put all capital in one EA or strategy
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**Good luck with your Gold trading!**

*Disclaimer: This EA is a trading tool. Success depends on market conditions, broker quality, and proper risk management. Always trade responsibly.*

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**Document Version:** 1.0

**Last Updated:** December 2025

**Compatible EA Version:** 1.1