



Jais Capital

EA USER MANUAL

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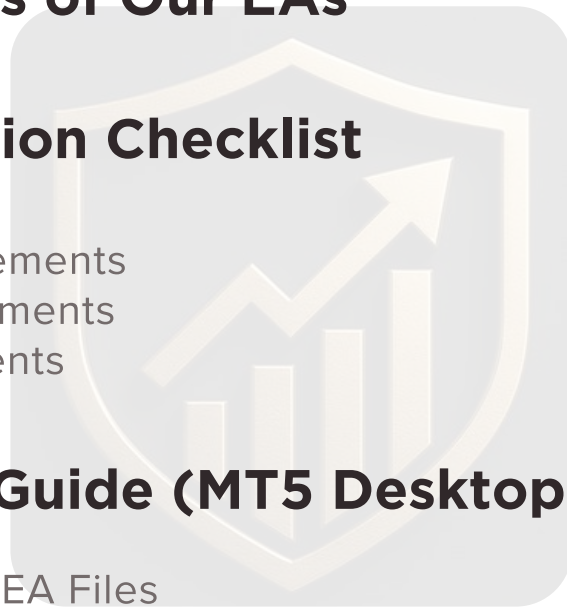


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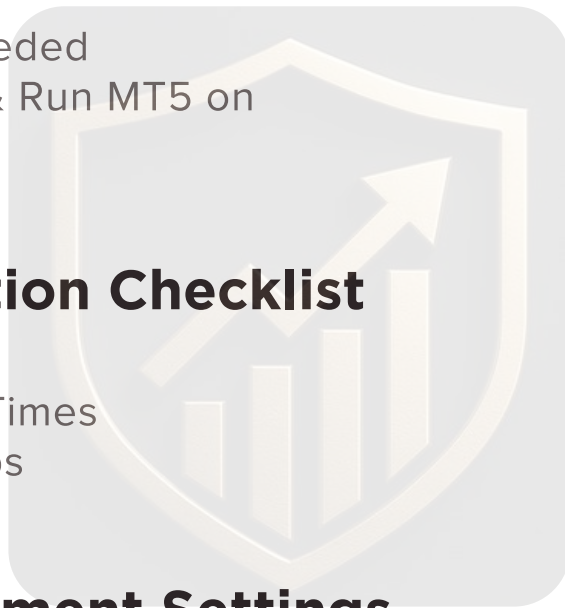
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ABOUT JAIS CAPITAL EA

Welcome to Deep Marketing Learning, where knowledge meets innovation and digital excellence is cultivated. Our learning platform is designed to empower individuals and businesses with the skills needed to thrive in the dynamic landscape of digital marketing.











PURPOSE OF THIS MANUAL

This manual serves as a common guide for installing, configuring, and using all our EAs. Whether you're using "Iron Trades EA" or any future release from Jais Capital, this guide will help you:

- Set up the EA on your MT5 platform.
- Understand input settings clearly.
- Learn how to backtest and optimize strategies.
- Configure notifications and VPS for smooth operation.
- Handle issues and find solutions quickly.

KEY FEATURES

All our EAs, including Iron Trades EA, are built with essential features to help you trade efficiently and safely:

Feature	Description
 Risk Management	Lot size and risk % can be customized. No martingale or grid strategies used.
 Trend/Breakout-Based Entries	Uses price action, EMA filters, or breakout logic based on the EA strategy.
 Trading Time Filter	Allows you to control active trading hours (e.g., London or NY session only).
 One Trade Per Bar / Per Candle	Prevents overtrading by limiting one trade per candle.
 ATR-Based SL/TP	Dynamic stop loss and take profit adapt to market volatility.
 Trailing Stop & Breakeven	Lock profits using trailing stops and breakeven conditions.
 Max Daily Loss Control	Auto stop trading when daily loss exceeds a defined percent.
 Spread Filter	Avoids trades in high-spread situations.
 Notifications	Get real-time alerts on mobile or email for trade events.
 VPS Compatibility	Designed for 24/7 operation on VPS or RDP for stable execution.

PRE-INSTALLATION CHECKLIST

Before running the Expert Advisor (EA), ensure the following checklist is completed for stable and error-free performance:

Item	Details
1. MetaTrader Version	MetaTrader 5 (MT5) terminal, build 4120 or above is recommended.
2. Operating System	Windows 10/11 64-bit or compatible VPS using Wine for Linux/Mac.
3. VPS/Computer Setup	Stable internet connection with <50ms latency to the broker server. No sleep mode. Disable auto Windows restarts.
4. Broker Requirements	ECN/NDD broker account preferred. Low spread (<3 pips for major pairs or gold). No dealing desk.
5. Trading Account	Minimum \$500 for proper risk management (recommended: \$1000+). Use leverage between 1:100 and 1:500.
6. Chart Timeframe	Attach EA to M5 or M15 chart depending on strategy. Only one chart per pair/symbol.
7. Expert Advisor File	The .ex5 file must be placed inside MQL5/Experts folder of your MT5.
8. Set Files (optional)	Recommended to load pre-optimized .set file for best performance.
9. Auto Trading Enabled	Ensure that "Auto Trading" is turned ON in MT5 toolbar.
10. DLL and Algo Trading Permissions	When attaching the EA, check both: <input checked="" type="checkbox"/> Allow Algo Trading <input checked="" type="checkbox"/> Allow DLL Imports
11. Broker Timezone Awareness	Know your broker's server time and GMT offset for accurate time filters.

INSTALLATION GUIDE (STEP-BY-STEP)

Follow these steps to install and activate your Expert Advisor (EA) in MetaTrader 5:

Step 1: Open the Data Folder

- Open MetaTrader 5
- Go to File → Open Data Folder

Step 2: Paste EA File

- Navigate to:
- MQL5 → Experts
- Copy your EA .ex5 file into this folder
- (Example: Your_EA_Name.ex5)

Step 3: Refresh in Navigator

- In MetaTrader 5, go to Navigator (Ctrl+N)
- Right-click on Expert Advisors and select Refresh
- Your EA will now appear in the list

Step 4: Open a Chart

- Open the chart of your preferred trading pair (e.g., XAUUSD, EURUSD)
- Recommended timeframe: M5 or M15

Step 5: Attach EA to Chart

- Drag the EA from Navigator → Expert Advisors onto the chart
- In the pop-up, enable:
 - ☒ Allow Algo Trading
 - ☒ Allow DLL Imports

Step 6: Adjust Inputs

- Customize your EA settings based on your strategy
- (Refer to the input table section for explanation)

Step 7: Enable Auto Trading

- Click the Auto Trading button on MT5 toolbar (should be GREEN)
- You should see a 😊 symbol on the top-right of the chart if EA is running correctly

INPUT SETTINGS EXPLAINED

Below is a vertical table explaining common input parameters used in most Expert Advisors (EAs). These settings help you customize behavior based on your strategy.

GENERAL SETTINGS

Variable	Value	Description
Preferred filling type	ORDER_FILLING_FOK	Order filling type to be used.
If set to true, will force using preferred type	FALSE	Whether to enforce the preferred filling type.
CustomComment	Iron Trades	Custom comment for orders.
MagicNumber	11111	Magic number for identifying orders.

Variable	Value	Description
smm	10000	Initial capital (or whole account balance).
mmLots	0.01	Fixed lot size.
mmMultiplier	1	Lot size multiplier.
mmStep	0.02	Step size for money management.
InitialCapital	500	Used in some money management modules.



LONG TRADE SETTINGS

Variable	Value	Description
LongAllowDplTrd1	FALSE	Whether to allow duplicate trades.
LongBBBBarClsAbvDwnDvt1	1.7	Bollinger Band breakout condition.
LongBBBBarClsAbvDwnPrd1	20	Bollinger Band period for breakout.
LongBBBBarClsAbvDwnShf1	1	Shift for Bollinger Band breakout.
LongExitAfterBars1	0	Exit after a set number of bars.
LongHighestPeriod1	14	Period for highest price check.
LongHighestShift1	1	Shift for highest price check.
LongProfitTargetCoef1	10	Coefficient for profit target.
LongProfitTrgAtrPrd1	21	ATR period for profit target.
LongStopLossAtrPrd1	20	ATR period for stop loss.
LongStopLossCoef1	4	Coefficient for stop loss.
LongTrailingStop1	5	Trailing stop distance in pips.



SHORT TRADE SETTINGS

Variable	Value	Description
ShortAllowDpITrd1	FALSE	Whether to allow duplicate trades.
ShortExitAfterBars1	0	Exit after a set number of bars.
ShortHighDShift1	2	High price shift for entry/exit.
ShortLowShift1	2	Low price shift for entry/exit.
ShortLowestPeriod1	14	Period for lowest price check.
ShortLowestShift1	1	Shift for lowest price check.
ShortPrfTrgAtrPrd1	21	ATR period for profit target.
ShortProfitTargetCoef1	10	Coefficient for profit target.
ShortStopLossAtrPrd1	20	ATR period for stop loss.
ShortStopLossCoef1	4	Coefficient for stop loss.
ShortTrailingStop1	5	Trailing stop distance in pips.

BACKTESTING GUIDE (STRATEGY TESTER)

Backtesting helps evaluate your EA's historical performance using MT5's Strategy Tester. Here's a full step-by-step guide:

How to Run a Backtest in MT5

Open Strategy Tester

Click View > Strategy Tester or press Ctrl + R.

Select EA and Symbol

- Choose your EA from the dropdown.
- Choose the symbol (e.g., XAUUSD, EURUSD).
- Match the timeframe to your strategy (e.g., M5, M15).

Select Mode

- Use "1 Minute OHLC" for faster tests.
- Use "Every Tick" for accurate, but slower results.

Date Range

Set a start and end date. Use at least 3-6 months of data for reliable results.

Choose Deposit & Leverage

Match your broker conditions (e.g., \$1000, 1:500 leverage).

Enable Visual Mode (Optional)

If you want to see trades on a chart, check Visual Mode.

Customize Inputs

Click Inputs tab → adjust values like SL, TP, lot size, trading hours, etc.

Start the Test

Click Start and wait for the backtest to complete.

Backtest Result Tips

Metric	What to Look For
Total Net Profit	Positive growth over time.
Drawdown %	Should stay below 20-30% ideally.
Win Rate	60-70%+ preferred for scalping/short-term EAs.
Profit Factor	Above 1.5 is good, above 2 is strong.
Number of Trades	At least 100+ trades for meaningful testing.

Important Notes

- Use real broker data or high-quality tick data for best results.
- Backtest on both low and high volatility periods (e.g., news weeks).
- Always backtest with default and optimized inputs.

OPTIMIZATION TUTORIAL (FINE-TUNE YOUR EA)

Optimization helps you find the best input values (lot size, SL, TP, indicators) for higher profit, lower drawdown, and better performance.

What Is Optimization?

Optimization tests multiple combinations of input parameters to see which setup gives the best performance in historical data.

How to Optimize in MT5 Strategy Tester

Open Strategy Tester

Press Ctrl + R or go to View > Strategy Tester.

Select Your EA & Symbol

Choose the EA, Symbol (e.g., XAUUSD), and Timeframe (M5/M15).

Choose “Optimization” Mode

In the Settings tab, tick Optimization.

Select Input Parameters to Optimize

In the *Inputs* tab:

Check ✓ the parameters you want to optimize.

Set Start, Step, and Stop values.

Example:

Take Profit: Start 100, Step 10, Stop 200

Lot Size: Start 0.01, Step 0.01, Stop 0.05

Set Date Range & Deposit

Use a 3-6 month range.

Match your broker's conditions (e.g., \$500 balance, 1:500 leverage).

Choose Optimization Criteria

Go to Optimization tab → select:

“Maximum Net Profit”

or “Minimum Drawdown”

(Based on what you want to improve)

Start Optimization

Click Start. It may take time depending on your input range.

After Optimization: Choose Best Inputs

Stay updated with your EA's trades on your phone using push notifications from MetaTrader 5. This is useful for monitoring your EA activity even when you're not at your PC.

Why Enable Notifications?

- Instant alerts for trade entries/exits
- Get error messages or warnings
- Monitor EA behavior remotely

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Step-by-Step Setup

A. Get MetaTrader ID (from Mobile)

1. Open the MetaTrader 5 app on your mobile.
2. Go to: Settings > Messages
3. Copy your MetaQuotes ID (e.g., A1B2C3D4)

B. Setup on MT5 Desktop

1. On PC → Go to Tools > Options > Notifications
2. Tick ☒ Enable Push Notifications
3. Paste your MetaQuotes ID (from mobile)
4. Optional: Tick Notify of trade transactions
5. Click OK to save

C. Test Notification

Click the "Test" button in the same window.




If setup is correct, you will receive a test message on mobile.

D. EA Side (Optional Code Setting)

If your EA supports sending custom notifications, make sure the EA has inputs like:

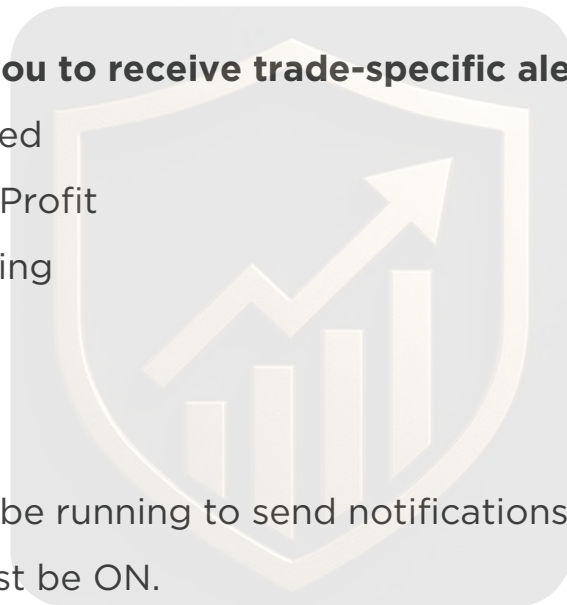
- SendNotification = true
- TradeAlert = true

These settings allow you to receive trade-specific alerts like:

-  Buy Order Opened
-  Sell Closed with Profit
-  Drawdown warning

Notes

- MT5 desktop must be running to send notifications.
- Mobile internet must be ON.
- Notifications are instant and free.



MT5 Mobile + Notifications Setup

Column	Meaning
Result	Total profit from that input combination.
Drawdown	Lower is better.
Inputs	Parameter values tested.

Click the best result → Set as input to apply it.

Tips

- Use limited parameters (max 3-4) for fast optimization.
- Don't over-optimize. Results should be consistent in forward testing too.
- Try different symbols and timeframes to compare.

VPS/RDP Setup for 24/7 EA Running

To keep your EA running non-stop—even when your PC is off—you should use a VPS (Virtual Private Server) or RDP (Remote Desktop Protocol). This ensures your EA stays active and executes trades without interruption.

Reason	Benefit
24/7 Operation	EA never stops, even if your PC is off
Low Latency	Faster order execution near broker servers
Better Stability	Avoids internet/power failures at your home
Mobile-Free Trading	You don't need to keep MT5 open on mobile





How to Set Up VPS (Step-by-Step)

A. Choose a VPS Provider

Popular options:

- Cheap: Contabo, ForexVPS, Kamatera
- Premium: BeeksFX, Amazon AWS, Azure

Choose Windows VPS with minimum:

-  Windows Server OS (2016 or above)
-  2 GB RAM
-  1 vCPU
-  30 GB SSD

B. Remote Desktop Access

1. On Windows PC, press Win + R, type mstsc → hit Enter
2. Enter your VPS IP address (from your provider)
3. Enter username & password
4. You now have remote access to your VPS

C. Install MT5 on VPS

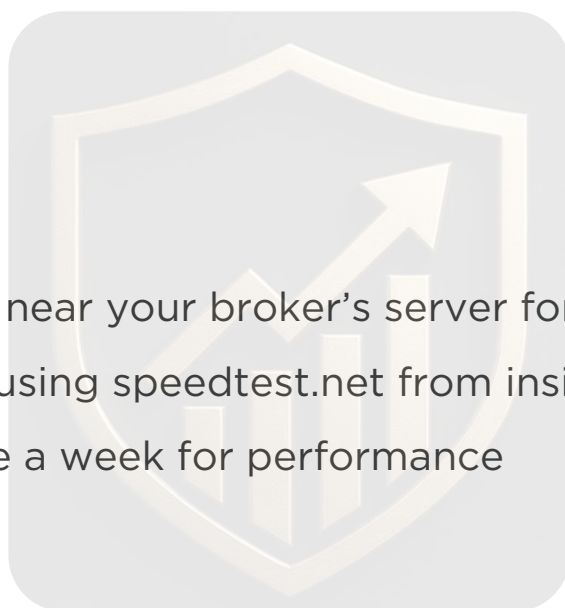
1. Open browser inside VPS
2. Download MT5 from broker or official site
3. Install MT5 and log in to your account
4. Load your EA onto the chart, enable auto-trading

D. Keep MT5 Running

- Don't close MT5 inside VPS
- Always log off VPS by clicking the **×** on the top bar (not Shutdown)
- EA will run 24/7 in the background

Tips

- Use VPS located near your broker's server for fast execution
- Test RDP speed using speedtest.net from inside VPS
- Restart VPS once a week for performance



Frequently Asked Questions (FAQ)

Question	Answer
1. Can I use this EA on multiple accounts?	Yes, if your license allows multi-account usage. Check your purchase terms.
2. Will the EA work on both demo and live accounts?	Yes, it works on both, but results may vary slightly due to broker execution
3. What is the minimum balance required?	Suggested: \$100+ for cent account or \$1000+ for standard account (adjust risk accordingly).
4. Can I use this EA on mobile?	EA runs only on desktop/VPS, but you can monitor via MT5 mobile with notifications enabled.
5. Which broker is best for this EA?	Use a low-spread, low-slippage broker. ECN/STP brokers are recommended.
6. Will this EA work on prop firm accounts?	Yes, if prop firm allows EA trading and your risk settings are within their limits.
7. Can I change settings/inputs anytime?	Yes, but changes apply only when you remove and re-attach the EA or open a new trade cycle.
8. What to do if the EA stops placing trades?	Check auto-trading is enabled, inputs are valid, and trading hours match session settings.
9. Does this EA use Martingale or Grid?	Only if specified in your settings. Most setups avoid risky strategies unless configured.
10. Can I update to a new EA version later?	Yes. Replace the old EA file with the new one and restart MT5 or refresh navigator panel.
11. What timeframe should I attach this EA on?	Use the recommended chart timeframe (usually M1/M5/H1). Mentioned in EA description.
12. Do I need to run MT5 all the time?	Yes. Keep MT5 open on a PC or VPS 24/7 for continuous trading.
13. Can I backtest this EA before using live?	Absolutely. Use MT5's Strategy Tester to analyze performance over historical data.
14. Will the EA work during news?	Some EAs have built-in news filters. Otherwise, it's advised to pause during major news.
15. Is it necessary to use a VPS?	Highly recommended for stability, but not compulsory if your PC runs 24/7 reliably.

Disclaimer

Trading in the financial markets involves substantial risk. The use of any Expert Advisor (EA), including this one, does not guarantee profits. Past performance is not indicative of future results. Only trade with capital you can afford to lose.

The user assumes full responsibility for installing, configuring, and using the EA. All trading decisions based on this EA are made at your own risk. This tool is not financial or investment advice. It is a trading utility and should be used with proper risk management and caution.

Performance and results may vary depending on the broker's execution speed, slippage, spreads, and server conditions. It is strongly recommended to use a low-latency VPS and a trusted ECN/STP broker with low spreads.

The developer is not liable for any technical issues such as MT5 crashes, VPS disconnections, or network failures that could affect EA performance. Always test the EA thoroughly on a demo account before switching to live trading.

Regular updates and improvements may be released. Users are advised to stay updated and follow provided instructions for optimal performance.

Support & Resources

To ensure the best experience and continuous support, here are the resources and help options available:

Support Channels

- For any issues, bugs, or setup help, reach out to the support team via the official contact method provided with your purchase.
- Response time is typically within 24-48 hours during business days.

Set Files

- Pre-configured set files for various trading conditions (aggressive, conservative, news-filtered, etc.) are provided separately.
- Always load the set file before trading and adjust parameters only if you fully understand the impact.

Learning Materials

- Step-by-step guides and video tutorials are available on request.
- Periodic strategy updates or optimization guides may be shared to help you improve performance.

Updates

- Users will receive updates through the purchase platform or email.
- Check for new versions regularly and read changelogs before updating.

Community Access (If Available)

- Private groups or communities may be provided to exchange ideas, results, and tips with other users.
- Participation is optional but encouraged for shared learning and faster problem-solving.

Licensing/Protection

- This EA may include account/license binding to protect the software.
- Contact support if you change your account or require reactivation. Proof of purchase is mandatory.



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For further details, **contact**



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