



ECFX Citadel Crypto R2

MetaTrader 5 User Manual

Version 1.06 | 5 October 2026

Installation, broker-symbol setup, controlled testing and operating reference

Purpose and important risk information

This manual explains how to install, configure, test and monitor ECFX Citadel Crypto R2 for MetaTrader 5. Citadel is a multi-symbol cryptocurrency Expert Advisor designed to coordinate a configurable basket from one H1 chart. Read this manual before enabling automated trading.

Risk notice: Automated trading carries a substantial risk of loss. Cryptocurrency prices, spread, liquidity, swaps, margin rules, execution quality, symbol specifications and trading hours differ by broker and can change. Historical backtests are simulations, not live results, and do not guarantee future performance. Start in the Strategy Tester and a demo environment. Only use capital you can afford to lose.

What Citadel does

Citadel can manage one to fifteen cryptocurrency symbols as a basket. It checks configured symbols, quotes and trading conditions; maintains independent Engine A, Engine B and Engine C ownership; and displays basket-level account, exposure, result and drawdown information in its chart panel.

Item	Reference
Product	ECFX Citadel Crypto R2
Platform	MetaTrader 5
Recommended chart	H1
Account type	Hedging account required
Basket size	1 to 15 unique supported crypto symbols
Version covered	1.06
Marketplace	MQL5 product 199474

Before you begin

- Use MetaTrader 5 with Algo Trading enabled and a hedging account.
- Make sure your broker offers the crypto instruments you intend to use and that the symbols are visible in Market Watch.
- Check contract size, minimum volume, volume step, stops level, leverage, margin and trading sessions for each symbol at your broker.
- Allow sufficient free margin for the whole basket. Multiple pending orders can later require margin if filled.
- Use one unique BasketMagicNamespace for each independently managed basket. Do not change it while Citadel positions or orders remain open.
- Keep MT5 connected and review the Experts and Journal tabs after attaching the EA.

Install the EA

Step	Action
1	Purchase or download Citadel from its official MQL5 listing and install it through MetaTrader 5.
2	Restart MT5 if required, then confirm ECFX Citadel Crypto R2 appears under Navigator > Expert Advisors.
3	Open an H1 chart for a valid anchor symbol, normally BTCUSD when that exact symbol is provided by your broker.
4	Drag Citadel onto the chart. In the Common tab, allow algorithmic trading. Do not enable DLL imports or WebRequest; they are not required.
5	In Inputs, set BasketSymbols to the exact names from Market Watch, then confirm the panel and Experts log show loaded symbols with fresh quotes.

Broker symbol setup

Your broker may use BTCUSD, BTCUSD.a, BTCUSDm, BTC/USD or another name. Citadel checks the exact configured name first. With broker-name resolution enabled, it may use a single unambiguous prefix or suffix match; it does not silently choose between several plausible matches.

Step	Action
1	Press Ctrl+M to open Market Watch, then use Symbols to show each crypto instrument.
2	Copy the exact names displayed by your broker.
3	Paste them into BasketSymbols as a comma-separated list with no duplicates.
4	Attach Citadel to an H1 chart and wait for fresh quotes and loaded-symbol status.
5	If a symbol is optional and unavailable, review the skipped-symbol message. Do not assume a different symbol name is equivalent without checking its contract specification.

Example only: NEARUSD,SOLUSD,XLMUSD,DOTUSD,ADAUSD,LTCUSD,BTCUSD,AVAXUSD,BCHUSD,DOGEUSD.
This is not a universal preset. Replace any name that differs at your broker.

Quick controlled test

- Open View > Strategy Tester and select ECFX Citadel Crypto R2.
- Choose a broker symbol with available H1 history. Confirm dates, initial deposit, leverage, modelling method, commission and spread assumptions before starting.
- For a simple tester validation, leave BasketTesterFullBasket false so the EA uses the tester host symbol path. This is not a multi-symbol portfolio result.
- For basket research, only enable BasketTesterFullBasket after confirming history and current quotes for every configured symbol. Record the effective inputs and exported report.
- Review the report, trade list, Journal and Experts messages. Test on demo before considering live execution.

Core basket and protection controls

Input	Purpose and operating guidance
BasketSymbols	Comma-separated list of 1 to 15 supported broker symbols. Names must match Market Watch.
BasketTag	Stable label used to identify the basket.
BasketMagicNamespace	Stable ownership namespace. Do not change while orders or positions are open.
BasketPollMilliseconds	Quote-check interval. Default 100 ms; permitted range is 50 to 1000 ms.
BasketQuoteMaxAgeSeconds	Pauses activity for a coin whose quote is too old. Default 120 seconds.
CryptoEntryRiskPercent	Estimated stop-loss exposure per new entry, not total portfolio risk.
CryptoOrderSizeMultiplier	Multiplier applied to calculated crypto order sizing. Treat changes as material risk changes.
CryptoEquityBreaker / CryptoPeakDrawdownPercent	Basket protection settings. Validate behaviour in the tester and demo environment before use.
ComboEnableCitadel / PropGold / Obsidian	Enable or disable Engines A, B and C respectively. Change one engine at a time during research.
ComboShowStats / ChartTheme / PanelScale	Dashboard display controls. These do not replace trade and risk verification in MT5.

Engines and ownership

Engine	Role
A - Citadel	Multi-timeframe price levels, pending entries, filters and position management. It includes individual strategy switches, order-bank controls, filters and sizing controls.
B - session model	A separately owned session-based model with its own risk, spread, equity, session and execution controls.
C - portfolio model	An independently owned portfolio model with platform mapping, risk-lock, runtime and diagnostics controls.

The EA exposes detailed engine inputs for controlled research. Factory defaults are a starting point, not a recommendation or guarantee. Preserve a named .set file for every test, change a limited number of inputs at a time, and record broker, symbol names, dates, deposit, modelling settings and costs.

Panel and routine monitoring

- Confirm the panel lists the intended basket and that each active symbol has a fresh quote.
- Review balance, equity, floating and realised results, current and maximum drawdown, engine results, open positions and pending orders.
- Read Experts and Journal messages for missing symbols, stale quotes, history, insufficient margin, trading permission or order-rejection messages.
- Check that the number of positions and pending orders is consistent with the configured caps and your risk plan.
- Do not treat a displayed panel, active EA icon or backtest playback as evidence of future results.

Troubleshooting

Symptom	Check
A symbol is skipped	Open Market Watch, confirm the exact name, subscribe/enable it, and check the broker supports the instrument. Do not substitute a similarly named symbol without reviewing its contract.
Stale or missing quotes	Check terminal connection, broker session and Market Watch. The stale-quote protection can pause a coin until data is current.
No trades in a test	Verify date range, H1 history, engine switches, filters, risk controls, volume/margin constraints and tester log messages. No trade is not a fault by itself.
Order rejected or insufficient margin	Review free margin, contract size, volume step, stops levels, deviation, spreads and pending exposure. Lower the intended risk only after a controlled re-test.
Another EA interferes	Use a different magic namespace and do not enable account-wide controls unless you understand their scope. Separate the test account where practical.
You need support	Export or screenshot the Experts and Journal messages, record the exact broker symbol, EA version, preset, date range and a description of the issue. Contact support@expertcodefx.com .

Safe shutdown and updates

Before removing Citadel, decide whether to close or manage existing exposure according to your written plan. Do not change the magic namespace while owned orders remain. Keep a copy of the preset and journal evidence before applying an update. After an update, repeat a focused Strategy Tester and demo check before re-enabling automated trading.

Evidence and version boundaries

Version 1.06 includes a conservative MQL5 validation-oriented margin guard for the generic Strategy Tester host path. It estimates pending-order fill margin, keeps a 20% free-margin buffer and reduces or skips a new order when the minimum volume cannot fit. This guard does not guarantee an order will be accepted because equity and margin can change before a fill. It does not change the live crypto-basket signal path.

The accompanying video is a backtesting demonstration. It is historical simulation material, not live trading proof or a performance promise.

Official links

Resource	Address
MQL5 Marketplace	https://www.mql5.com/en/market/product/199474
Backtesting video	https://youtu.be/62CrBb6qZHU
Product information	https://expertcodefx.com/products/ecfx-citadel-crypto-r2
Support	support@expertcodefx.com

Pre live checklist

Check	Confirm before enabling automated trading
Broker symbols	Every BasketSymbols entry exactly matches Market Watch and its contract specification has been reviewed.
Account and margin	The account is hedging-enabled, free margin is suitable for the selected basket and volume settings, and any other EAs use separate ownership.
Evidence	You have retained the .set file, test dates, deposit, modelling method, spread/commission assumptions, report and relevant Experts/Journal messages.
Controls	You understand the enabled engines, sizing, drawdown settings, quote-age protection and the scope of any close or risk-lock controls.
Demo check	The intended configuration has been observed on a demo environment under current broker conditions before any live use.

If any item is uncertain, keep automated trading disabled and resolve it through controlled testing or support before proceeding.