

Axis 7even Technical System Guide

System architecture, adaptive health, broker compatibility, USTEC portability
evidence and quantitative validation diagnostics.

VERSION 2.0 · 5 SEPTEMBER 2026

PURPOSE

Technical reference for users, reviewers and professional evaluators. It documents how Axis 7even converts signals into broker orders, how the protective layers interact, what broker specifications are required, and what the standardized testing evidence says beyond headline return.

EVIDENCE BASIS

Quantitative figures are transcribed from the standardized Axis 7even Historical Testing & Validation Report (EUR 10,000, 1:100, STANDARD 1.00x unless noted). USTEC broker-portability statistics use the BlackBull/FxPro diagnostic comparison and independent NQ futures market-data arbitration. Cross-broker USTEC portability is described using signals, trades and market-structure statistics rather than broker-to-broker profit comparisons.

01 Product architecture

Axis 7even is a coordinated portfolio family, not a single-strategy robot.

Product	Platforms	Markets	Portfolio structure
Axis 7even Focused	MT4 + MT5	USDJPY, USDCAD, XAUUSD, WTI	Focused four-market H1 portfolio
Axis 7even	MT4 + MT5	EURUSD, USDJPY, GBPJPY, EURAUD, USDCAD, XAUUSD, WTI	Full seven-market H1 portfolio
Axis 7even Specialist	MT4 + MT5	Seven H1 markets + USTEC/Nasdaq-100 M1	Full H1 portfolio plus dedicated intraday USTEC engine

Each market can contain multiple anonymous engines (E1/E2/E3). Each engine keeps its own completed-outcome history and health state.

The selected Risk Profile defines the maximum base scale: CONSERVATIVE 0.50x, MODERATE 0.75x, STANDARD 1.00x. Protective logic can reduce exposure but does not scale above 1.00x.

PORTFOLIO CORE is a realized H1-basket stress controller. Account PROTECTION is separate and observes total account equity against the realized-balance high-water mark. Axis 7even Specialist adds the USTEC M1 specialist. USTEC maintains its own adaptive intraday state while account PROTECTION still covers combined account equity.

02 From signal to executed order

A valid market setup must pass several independent gates before an order is allowed.

Layer	Decision
1. Market engine	Evaluate completed market information and determine whether a valid opportunity exists.
2. Cross-market / environment filter	Apply strategy-specific filters, session rules and portfolio context where relevant.
3. Engine health	Apply the state of the exact strategy engine that generated the setup.
4. PORTFOLIO CORE	Compress new H1 exposure if realized basket stress is elevated.
5. Account PROTECTION	Block new exposure after the latched 30% emergency trigger.
6. Broker compatibility	Validate symbol, trading permissions, volume min/step, tick size/value, stop restrictions and margin.
7. Final order	Normalize volume to broker step; reduce for margin if supported; reject rather than force an unsafe order.

03 Risk sizing and broker normalization

Risk is percentage-based, but execution must obey the broker contract. Conceptually, the requested lot size is derived from a risk budget and the monetary loss represented by the planned stop distance. The result is then normalized to the broker lot step and checked against minimum volume and margin.

SIZING PRINCIPLE

Risk budget → stop-distance loss per 1.00 lot → raw volume → broker-step normalization → projected margin check → valid order or no order. Axis does not deliberately round a too-small calculated trade upward to a larger broker minimum merely to force execution.

Check	Why it matters	Typical response
Minimum lot	A large broker minimum can make percentage risk impossible on smaller accounts.	Reject incompatible specialist symbol or skip undersized trade.
Volume step	Coarse increments can materially distort intended risk.	Normalize downward to valid broker step.
Tick size / tick value	Required for stop-value and risk-money calculations.	Block symbol if specification is invalid.
Stop level / freeze rules	May prevent legal SL/TP placement or modification.	Compatibility gate / protective fallback.
Margin	Correct risk can still exceed executable margin.	Reduce to largest safe valid volume where architecture allows, otherwise skip.
Profit currency / contract family	Used to distinguish intended Nasdaq-100 contract behavior.	Specialist rejects incompatible USTEC instrument.

04 Individual strategy-engine health

Recent deterioration is isolated instead of automatically reducing unrelated engines.

State	Interpretation	Treatment of new exposure
WARMUP	Outcome history is still being built; severe early weakness can still trigger protection.	Baseline profile exposure while evidence matures.
NORMAL	Recent and broader evidence remain in accepted operating range.	Normal exposure under selected Risk Profile.
CAUTION	Recent outcomes weaken enough to justify intervention.	Reduced new-entry exposure for that engine.
DEFENSIVE	Weakness is stronger and supported by broader evidence.	More aggressive reduction.
PAUSED	Sustained severe weakness detected.	New real entries blocked; virtual tracking continues.
RECOVERY	Recent evidence improves but broader confirmation is incomplete.	Trading resumes at reduced exposure until recovery is confirmed.

05 PORTFOLIO CORE and account PROTECTION

Portfolio stress and emergency account protection answer different questions.

Approx. realized H1 basket DD	PORTFOLIO state	Approx. new H1 risk multiplier
Below 10%	NORMAL	1.00x
≈ 10%	CAUTION	≈ 0.75x
≈ 15%	DEFENSIVE	≈ 0.50x
≈ 20%	Strongest H1 protection	≈ 0.25x

HYSTERESIS

Deterioration reacts when a stress boundary is reached. Recovery requires meaningful improvement before stepping back to a less protective state, reducing repeated switching around thresholds.

Account DD	State	System action
Below 20%	NORMAL	No emergency action.
20%	ALERT	One notification for the current drawdown episode when enabled.
25%	WARNING	One stronger warning for the same episode.
30%	SHUTDOWN	New entries blocked; existing managed positions continue to normal strategy exits. Shutdown finalizes when flat and remains latched.

TRIGGER, NOT LOSS CEILING

The 30% level initiates the shutdown process; it is not a guaranteed maximum loss. Positions already open can continue moving, and gaps/slippage can move settled drawdown beyond 30%.

06 USTEC specialist engine

Axis 7even Specialist adds a dedicated Nasdaq-100 intraday engine with its own time and adaptive-state model.

Parameter / behavior	Technical reference
Operating timeframe	M1 specialist engine hosted on a compatible Nasdaq-100 instrument.
Entry session	09:30–16:30 New York time.
Mandatory session exit	17:00 New York time.
Confirmation window	Directional break followed by a fully outside bullish/bearish confirmation candle within the configured 2nd/3rd-candle window.
Profit management	Scanner-exact fixed 4R target architecture in the current commercial branch.
Adaptive SL	Self-adaptive buffer uses recent USTEC outcome history; warmup uses the baseline buffer until enough observations exist.
Adaptive risk	Normal / warmup / probation / defensive logic can reduce USTEC risk independently from the H1 engine-health system.
Maximum holding	20-minute hard holding limit in the validated USTEC ruleset.

07 USTEC broker compatibility envelope

A Nasdaq symbol is not considered compatible merely because its name contains NAS100 or US100.

Requirement	Commercial compatibility rule	Reason
Minimum volume	≤ 0.01 lot	In the EUR 10,000 BlackBull/FxPro USTEC sample, the smallest actual volume on both brokers was 0.05 lot; 6 of 37 BlackBull trades and 4 of 51 FxPro trades were below 0.10 lot. A larger broker minimum would therefore skip or distort valid percentage-risk trades, and smaller accounts make fine volume granularity even more important.
Volume step	≤ 0.01 lot	Preserves sufficiently fine risk normalization.
Minimum stop restriction	≤ 20.0 actual Nasdaq index points	The gate converts raw broker stop-level points into actual index-price distance before comparing.
Order capability	Market orders + broker-side SL/TP	Required for normal entry and protective management.
Trading permission	Full trading allowed	Read-only/close-only instruments are rejected.
Profit currency	USD	Part of the Nasdaq contract-family compatibility check.
Contract data	Valid tick size, tick value, contract size and margin calculation	Required for risk and projected-margin calculation.
History / synchronization	Sufficient M1 history and active symbol data	Needed for zones, ATR, confirmation and adaptive state.
Time mapping	Broker server time must map correctly to New York time	The strategy session itself remains fixed at 09:30–16:30 NY with 17:00 exit.

AUTOMATIC SYMBOL RESOLUTION

Axis tries a manual override first, then the canonical product name, researched aliases and a safe name-only broker catalogue ranking. Only the best few catalogue candidates are selected and validated, avoiding broad synchronization of unrelated symbols. The resolver recognizes common Nasdaq families such as USTEC, NAS100, US100, USA100, NDX100, NQ100, NASDAQ100, USTECH, TECH100 and NQ-style futures/front-contract names.

BLACKBULL REMAINS THE PUBLICATION REFERENCE

The core multi-year Specialist evidence was developed and standardized on BlackBull. Broker portability means another broker can be technically compatible when its instrument passes the compatibility envelope; it does not mean identical candles, identical signals or identical outcomes.

08 USTEC cross-broker and independent NQ evidence

The portability study focuses on signals, trades and market structure – not cross-broker profit comparisons.

Evidence layer	Observed statistic	Technical reading
BlackBull vs FxPro USTEC entries	37 BlackBull entries vs 51 FxPro entries over the comparable Aug–Sep 2026 sample.	Signal frequency is feed-sensitive; exact parity is not expected.
Exact timestamp + direction	23 exact same-time/same-direction entries.	Meaningful common-signal subset demonstrates aligned session/time mapping.
Near-time agreement	25 USTEC entries matched within 5 minutes.	Additional overlap remains after allowing small feed-dependent confirmation timing.
Exact matched trade outcome	23/23 exact same-time matches had the same win/loss classification.	When both feeds trigger the same setup, trade behavior is highly consistent.
Focused diagnostics 20–26 Aug	8 BlackBull entries, 11 FxPro entries, 4 exact same-time entries.	Short-window diagnostic export exposes the actual frozen zones and rejection stages.
Broker-only setup geometry	All 11 broker-only entries had highly overlapping same-side zones; median overlap 88.5%.	Differences are mostly threshold decisions, not unrelated market structures.
Other-broker rejection stage	6 robust-filter rejects, 4 confirmation failures, 1 opposing-zone reject.	Explains how small feed differences can move a setup across a decision boundary.

09 Independent NQ market-data arbitration

Independent NQ futures data was used as a third reference rather than treating either broker as automatically correct.

Aggregation	BlackBull USTEC vs independent NQ return correlation
1 second	0.9154
5 seconds	0.9836
10 seconds	0.9911
30 seconds	0.9965
1 minute	0.9970
5 minutes	0.9996

After time alignment, the NQ-BlackBull basis median was approximately -0.05 Nasdaq points with about 0.379 point standard deviation in the overlapping sample.

Median quoted spread in the sampled data was approximately 1.00 point for NQ versus 2.60 points for BlackBull USTEC.f; this is one reason exact intramminute trigger behavior can differ even when the underlying market tracks closely.

Of 11 broker-only diagnostic entries, independent NQ strongly supported 7, supported 1 within calibrated BBO-1s tolerance, and left 3 partial/ambiguous. NQ did not identify one broker as universally correct.

READING

The evidence supports market-structure portability subject to the compatibility envelope, not identical signal frequency across brokers.

10 Annual reset-test statistical matrix

Each annual/partial-year run resets the account to EUR 10,000. This makes regime-to-regime quality metrics directly comparable.

Product	Period	Return	Eq DD	PF	Sharpe	Recovery	Min margin	Avg W/L	Trades	Trades/mo**
Focused	2023	156.91%	17.29%	1.46	2.91	3.78	323.63%	1.74x	191	15.9
Focused	2024	287.79%	19.46%	1.63	3.95	5.58	244.28%	1.92x	203	16.9
Focused	2025	235.53%	21.98%	1.57	3.88	4.37	272.58%	1.76x	201	16.8
Focused	2026*	364.91%	17.18%	1.73	5.03	3.93	179.49%	1.63x	134	17.1
Axis	2023	124.46%	21.96%	1.33	2.22	3.54	294.83%	1.79x	272	22.7
Axis	2024	350.62%	23.47%	1.51	3.32	5.31	224.85%	1.92x	309	25.8
Axis	2025	170.25%	22.56%	1.38	2.78	3.21	303.34%	1.72x	287	23.9
Axis	2026*	640.06%	17.83%	1.72	5.55	4.17	181.71%	1.65x	200	25.6
Specialist	2024	443.78%	24.43%	1.40	3.76	5.84	116.69%	1.76x	690	57.5
Specialist	2025	319.43%	22.04%	1.35	3.85	3.96	118.68%	1.95x	706	58.8
Specialist	2026*	940.43%	18.33%	1.51	6.24	4.23	99.98%	1.71x	494	63.2

HOW TO READ THE MONTHLY COLUMN

**Trades/mo is a derived activity-density statistic: reported trade count divided by calendar-month coverage. It is not a monthly profitability figure. 2026* covers 1 January through 26 August 2026 (about 7.82 calendar months).

- Focused annual PF range: 1.46–1.73; relative equity DD range: 17.18%–21.98%; reported minimum margin range: 179.49%–323.63%.
- Axis 7even annual PF range: 1.33–1.72; relative equity DD range: 17.83%–23.47%; reported minimum margin range: 181.71%–303.34%.
- Axis 7even Specialist annual PF range: 1.35–1.51; relative equity DD range: 18.33%–24.43%; reported minimum margin range: 99.98%–118.68%. The tighter margin statistics are consistent with the additional intraday specialist activity.
- Across all standardized annual runs, Profit Factor stayed above 1.0, but Sharpe, Recovery, margin pressure and trade density varied materially by period – evidence of regime sensitivity rather than a flat performance profile.

11 Continuous-compounding and long-window diagnostics

Continuous tests preserve chronology, percentage sizing and shared account state across year boundaries.

Product	Window	Return	Eq DD	PF	Sharpe	Recovery	Bal DD	Min margin	Avg W/L	Trades
Focused	2024-01-01 to 2026-08-26	7,406.59%	21.55%	1.80	4.45	6.04	20.08%	211.57%	1.94x	553
Axis	2024-01-01 to 2026-08-26	11,060.81%	23.47%	1.80	4.05	6.44	20.54%	224.85%	2.08x	819
Specialist	2024-01-01 to 2026-08-26	17,342.55%	24.43%	1.67	4.58	7.48	21.75%	116.69%	2.13x	1,916
Axis	2023-01-01 to 2026-08-26	18,017.87%	21.96%	1.86	3.58	-	-	-	-	1,091

COMPOUNDING INTERPRETATION

These are compounded historical results, not annualized forecasts. Percentage-based sizing means absolute lot size changes with the evolving balance, so multi-year results can become very large. They must be read together with drawdown, PF, Sharpe, recovery, margin statistics and annual-reset evidence.

12 2026 cross-broker H1 robustness

Focused and Core were also tested on four MT5 broker environments over the same 1 Jan–26 Aug 2026 window.

Product	Broker	History	Eq DD	PF	Sharpe	Trades
Focused	BlackBull	100% real ticks	17.18%	1.73	5.03	134
Focused	Pepperstone	99% real ticks	20.45%	1.92	5.50	132
Focused	IC Markets	99% real ticks	18.96%	1.82	5.01	137
Focused	FxPro	99% real ticks	19.16%	1.80	5.41	135
Axis	BlackBull	100% real ticks	17.83%	1.72	5.55	200
Axis	Pepperstone	100% real ticks	23.48%	1.82	5.35	205
Axis	IC Markets	99% real ticks	19.40%	1.78	5.11	204
Axis	FxPro	99% real ticks	19.35%	1.74	5.49	208

ROBUSTNESS READING

Exact broker results are not expected to match. The narrow trade-count bands – Focused 132–137 and Core 200–208 – together with PF ranges of 1.73–1.92 and 1.72–1.82 respectively, show broadly similar operating density and positive expectancy across distinct broker feeds in the standardized 2026 window.

13 MT4 and MT5 platform architecture

All three commercial editions are now offered for MT4 and MT5, but the platforms do not provide equivalent testing environments.

Area	MT5	MT4
Live one-chart portfolio	Supported. Multi-symbol access and orchestration from one EA instance.	Supported. Multi-symbol live access from one EA instance.
Official synchronized portfolio backtest	Supported and used for published portfolio evidence.	Core tester is single-symbol; cannot natively reproduce the complete synchronized shared-account portfolio.
Focused / Core parity evidence	Reference implementation.	Completed layered validation: 360/360 controlled Focused decisions, 468/468 Core decisions, 134/134 and 200/200 synchronized accepted-entry replay, EUR 0.00 reconstructed realized-profit difference.
Specialist USTEC specialist	Reference portability evidence generated on MT5.	MT4 Specialist implements the same intended USTEC session/compatibility architecture; USTEC must be tested in the MT4 tester as a Nasdaq single-symbol M1 run rather than a full seven-market portfolio run.

EVIDENCE BOUNDARY

Product availability on MT4 does not convert MT4 into a synchronized multi-market tester. Published historical portfolio performance remains based on MT5 synchronized tests. The BlackBull/FxPro/NQ USTEC portability statistics in this guide are MT5 reference evidence; they support the broker-compatibility design, not a claim that every MT4 broker feed will generate identical trades.

14 Dashboard and operational states

The dashboard separates engine health, H1 portfolio stress, account protection and operational readiness.

Dashboard area	Meaning
Balance / Equity / Open P-L / Positions	Current account and portfolio information.
Risk Profile	Active commercial portfolio scale.
Market Array	Each market plus its most protective market-level health roll-up.
E1 / E2 / E3	Anonymous individual engine-health states.
PORTFOLIO	Collective realized H1 basket state.
PROTECTION	Account-level 20% / 25% / 30% drawdown guard.
System Status / Action Required	Operational readiness and blocking reason, including symbol/compatibility failures.

15 Implementation limits and interpretation

What the technical evidence supports – and what it does not.

- BlackBull is the frozen publication reference for the historical Specialist evidence. FxPro provides an independent cross-broker USTEC implementation test; NQ futures data provides a third market-data reference.

- Compatibility is conditional. A broker/instrument must pass the technical envelope, especially minimum volume ≤ 0.01 , volume step ≤ 0.01 , normalized stop restriction ≤ 20 Nasdaq index points, valid contract/tick/margin data, trading permissions and correct time mapping.
- Cross-broker portability does not imply identical signal count. The diagnostic evidence explicitly shows both exact matches and feed-sensitive additional/missing trades.
- Historical testing demonstrates behavior under historical inputs. It does not guarantee future profitability, future drawdown, future broker availability or future contract specifications.
- The 30% account drawdown threshold is a shutdown trigger, not a guaranteed maximum loss.
- Users should validate the actual broker symbol shown by the EA before trading Axis 7even Specialist on a non-reference broker.

TECHNICAL CONCLUSION

The Axis architecture is designed to preserve strategy logic while adapting execution to broker specifications. Focused and Core have direct multi-broker H1 evidence and completed MT4/MT5 parity validation. Specialist adds a stricter Nasdaq compatibility gate and has separate BlackBull/FxPro/NQ signal-level portability evidence. The resulting claim is broker-compatible under defined conditions – not broker-independent or result-identical.

16 Risk disclosure

RISK DISCLOSURE

Historical backtests and technical validation show historical behavior and implementation consistency; they do not guarantee future performance. Live results can differ because of market data, spreads, slippage, broker execution, symbol specifications, leverage, margin conditions, account settings and future market regimes. The 30% drawdown level is a shutdown trigger, not a guaranteed maximum loss.