






Pentarch Quick Reference Card

The 5 Signals + Supporting Components




The 5 Event Signals

SIGNAL	COLOR	CYCLE PHASE	WHAT IT INDICATES
TD (Touchdown)	 Purple	Early-Cycle	Reversal conditions forming
IGN (Ignition)	 Blue	Early-Cycle	Momentum breakout conditions
WRN (Warning)	 Yellow	Late-Cycle	Weakening momentum
CAP (Climax)	 Orange	Late-Cycle	Exhaustion conditions
BDN (Breakdown)	 Red	Transition	Bearish breakdown conditions

Signal Flow (Ideal Cycle)



The Pilot Line (PL)

COLOR	MEANING	INTERPRETATION
 Green	Strong uptrend	Momentum rising, trend healthy
 Red	Strong downtrend	Momentum falling, trend healthy
 Orange	Transitional	Momentum easing, caution

Key Uses: - Reference point for all signals - Dynamic support/resistance - Trend direction indicator

Regime Bar Colors

CANDLE COLOR	REGIME	CONTEXT
 Green candles	Bull regime	Early-cycle signals preferred
 Red candles	Bear regime	Late-cycle signals preferred
Special colors	Event fired	Signal overrides regime color

3-Factor Voting: 1. EMA34 vs EMA55 2. Price vs Pilot Line 3. Pilot Line slope

NanoFlow Crosses

CROSS	POSITION	MEANING
× Green	Below candle	Micro bull momentum
× Red	Above candle	Micro bear momentum
No cross	—	Choppy/unclear conditions

Use For: Trend health assessment, signal validation

Signal-by-Signal Details

TD (Touchdown)

- **Fires:** Bear regime, near/below Pilot Line
- **Indicates:** Early-cycle reversal conditions
- **Look For:** Selling exhaustion, failed new lows
- **Validate With:** Green NanoFlow appearing after

IGN (Ignition)

- **Fires:** Bear regime OR bull pullback
- **Indicates:** Momentum breakout conditions
- **Look For:** Volume expansion, reclaim of structure
- **Validate With:** Consistent green NanoFlow

WRN (Warning)

- **Fires:** Bull regime, extended above Pilot Line
- **Indicates:** Weakening momentum
- **Look For:** Slowing advance, divergences
- **Validate With:** NanoFlow stops appearing

CAP (Climax)

- **Fires:** Bull regime, far above Pilot Line
- **Indicates:** Late-cycle exhaustion
- **Look For:** Blow-off top behavior, extreme extension
- **Validate With:** Red NanoFlow appearing

BDN (Breakdown)

- **Fires:** After WRN/CAP, losing Pilot Line
- **Indicates:** Bearish breakdown conditions
- **Look For:** Failed rally, structure break
- **Validate With:** Regime flip to red

Regime Context Matrix

SIGNAL	IN CORRECT REGIME	COUNTER-REGIME
TD	Standard setup	Dip buy in uptrend
IGN	Standard breakout	Pullback continuation
WRN	Standard warning	Bear rally fade
CAP	Standard climax	Rarely fires
BDN	Standard breakdown	Follows CAP

Signal Frequency (1H Chart)

COMPONENT	FREQUENCY	PURPOSE
NanoFlow	10-30/day	Micro momentum tracking
TD	1-3/day	Reversal setups
IGN	1-2/day	Breakout conditions
WRN	1-2/day	Exhaustion warning
CAP	0-1/day	Climax conditions
BDN	0-1/day	Breakdown confirmation

Quick Settings Reference

SETTING	OPTIONS	DEFAULT
Regime Sensitivity	Hair Trigger / Normal / Rock Solid	Normal
Show NanoFlow	On/Off	On
Show Pilot Line	On/Off	On
Counter-Regime Mode	On/Off	Off

The 4-Layer Reading System

Layer 1: PILOT LINE → Where is trend?
Layer 2: REGIME COLOR → What's the bias?
Layer 3: NANOFLOW → How's momentum?
Layer 4: EVENT SIGNALS → What's the indication?

Read Order: Start at Layer 1, work down to Layer 4

Common Signal Combinations

SEQUENCE	INTERPRETATION
TD → IGN	Strong reversal underway
WRN → CAP	Exhaustion intensifying
CAP → BDN	Top confirmed, breakdown active
TD → TD	Failed first attempt, stronger setup
IGN → WRN (quick)	Weak breakout, caution

Red Flags (Low Quality Signals)

- Signal without volume confirmation
 - Counter-regime signal without extreme conditions
 - Signal during choppy NanoFlow (green/red alternating)
 - Multiple signals in short time (uncertainty)
 - Signal against higher timeframe trend
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Best Practices

- 1. Wait for closed bars** — Signals only valid on close
- 2. Check multi-timeframe** — Align with HTF trend
- 3. Use NanoFlow validation** — Momentum should support
- 4. Respect regime** — Trade with the structural bias

5. Combine with Janus/Plutus — Multi-indicator confluence

Non-Repainting Guarantee

- All signals render on bar close only
- What you see is locked in permanently
- No recalculation on future bars
- Bar replay testing available

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