

# Technical Analysis Dashboard v4.24

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## Strategy 1: "1. Gold AGGRESSIVE Trend-Following"

**Philosophy:** Get in fast. The priority is to identify the earliest possible sign of a trend and jump on board. This accepts a higher risk of false signals in exchange for not missing the start of a move. The core components will be fast MAs and a fast oscillator.

### 1. Aggressive Scalping (S1)

- **Style:** Very fast, aiming for small, quick profits on the M1 or M5 chart.
- **Strategy:** Dual Fast MA Crossover with CCI Confirmation.
- **Timeframe:** M5
- **Components & Rules:**
  1. **MA (Direction):** Price must be above a very fast **5 EMA** and a slightly slower **13 EMA**. This confirms immediate momentum.
  2. **CCI (Momentum):** Use a fast **14-period CCI** in **Trend Mode**. For a BUY, CCI must be  $> 0$ . For a SELL, CCI must be  $< 0$ . This acts as a simple, fast momentum filter.
- **Why it's Aggressive:**
  - The 5/13 EMA crossover is extremely sensitive to price changes, signaling a new trend very early.
  - The  $CCI > 0$  rule is the least restrictive filter possible, essentially just confirming price is on the "right side" of its recent average. It offers no protection from overbought/oversold conditions.

### 2. Aggressive Daytrading (S2)

- **Style:** Capturing the main intra-day trend on the M15 or M30 chart.
- **Strategy:** MA Trend Filter with RSI Momentum.
- **Timeframe:** M30
- **Components & Rules:**
  1. **MA (Direction):** Price must be above the **20 EMA** and the **50 EMA**. This establishes the dominant intraday trend.
  2. **RSI (Momentum):** Use a **14-period RSI** in **Trend Mode**, with bands at **60/40**. For a BUY, RSI must be  $> 60$  (strong bullish pressure). For a SELL, RSI must be  $< 40$  (strong bearish pressure).
- **Why it's Aggressive:**

- It relies solely on trend-following indicators. If the trend is strong, it gets in and stays in.
- The RSI Trend mode (Buy > 60) is designed to join a move that is already displaying significant strength, without waiting for a pullback. This is a "breakout" style of entry.

### 3. Aggressive Swing Trading (S3)

- **Style:** Holding for days to capture the larger trend on the H4 or D1 chart.
- **Strategy:** Major MA Trend Filter with MACD Crossover. (MACD is not in your strategy engine, we will use MA Crossover logic instead with CCI). *Correction: Your indicator has MACD, but it's a dashboard-only feature, not part of the strategy engine. Let's adapt using the tools available in your universal engine.* We will use two MAs for direction and a CCI for entry trigger.
- **Timeframe: H4**
- **Components & Rules:**
  1. **MA (Direction):** Price must be above a medium-term **50 EMA** and a long-term **200 EMA**.
  2. **CCI (Entry Trigger):** Use a **20-period CCI** in **Trend Mode** with bands at **100/-100**. For a BUY, CCI must cross above +100. For a SELL, CCI must cross below -100.
- **Why it's Aggressive (for a Swing Trader):**
  - Using the CCI crossover of the 100-level as a trigger is a very aggressive entry. It signals you're buying into a move that is already showing powerful momentum, akin to a breakout, rather than waiting for a gentle pullback.
  - It does not have a "strength" filter like ADX. If the MAs align and CCI fires, it takes the trade.

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### Strategy 2: "2. Gold CONSERVATIVE Trend-Following"

**Philosophy:** Wait for confirmation. The priority is to ensure the trend is real, strong, and not exhausted before entering. This sacrifices the earliest part of the move for a higher probability of success. The core components will add ADX as a strength filter.

#### 1. Conservative Scalping (S1)

- **Style:** High-probability scalping; quality over quantity on the M5 chart.
- **Strategy:** Dual MA Direction with ADX Strength Filter.
- **Timeframe: M5**

- **Components & Rules:**
  1. **MA (Direction):** Price must be above the **5 EMA** and **20 EMA**.
  2. **ADX (Strength):** The **14-period ADX** must be **above 20**. A lower threshold of 20 is used for scalping, as waiting for 25 might mean the move is already over on this low timeframe.
- **Why it's Conservative:**
  - The mandatory ADX > 20 filter is the key. It will keep the strategy completely inactive during the choppy, directionless periods where scalpers often lose money from over-trading. It only "activates" the strategy when there is enough volatility and direction to trade.

## 2. Conservative Daytrading (S2)

- **Style:** Trading the confirmed, primary intraday trend on the M30 or H1 chart.
- **Strategy:** This is a perfect application of your "Gold Conservative Trend (MA & CCI & ADX)" strategy.
- **Timeframe: H1**
- **Components & Rules:**
  1. **MA (Direction):** Price must be above the **20 EMA** and **50 EMA**.
  2. **ADX (Strength):** The **14-period ADX** must be **above 25**. This is the classic level for confirming a healthy, tradable trend.
  3. **CCI (Timing/Exhaustion Filter):** Use a **14-period CCI** in **Limit Mode**, with bands at **150/-150**. This prevents buying an over-extended trend that's about to reverse.
- **Why it's Conservative:**
  - It's a triple-threat confirmation. It needs Direction (MAs), Strength (ADX), and a non-exhausted Entry Point (CCI Limit). This is a very robust filter that will only trigger on A+ setups.

## 3. Conservative Swing Trading (S3)

- **Style:** Patiently entering major, confirmed trends for multi-day or multi-week holds.
- **Strategy:** Major MA Trend Filter, ADX Strength, and RSI Confirmation.
- **Timeframe: H4**
- **Components & Rules:**
  1. **MA (Direction):** Price must be above the **50 EMA** and **200 EMA**. This defines the indisputable long-term trend.

2. **ADX (Strength):** The **14-period ADX** must be **above 25**, confirming the long-term trend has power behind it.
  3. **RSI (Confirmation):** Use a **14-period RSI** in **Trend Mode**, with bands at **55/45**. For a BUY, RSI > 55. For a SELL, RSI < 45. This ensures you're entering when momentum is firmly on your side within the established, powerful trend.
- **Why it's Conservative:**
    - This is the epitome of a conservative approach. It waits for the slowest MA (200) to confirm the macro trend, then it waits for the ADX to confirm the trend has power, and *only then* does it look for an entry using the RSI momentum filter. It will miss the entire beginning of a trend and all counter-trend moves, focusing solely on the "fat middle" of a confirmed, powerful swing.