

# Technical Analysis Dashboard v4.63

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

### 1. Aggressive Scalping (S1)

This strategy is designed to be a "first-mover." Its priority is to identify the earliest possible sign of a new micro-trend and engage immediately, accepting a higher number of false signals as the cost of never missing the start of a move.

#### Parameter Settings (S1)

- **Timeframe:** M5
- **Signal Mode:** State Based
- **MA Settings:** 5 EMA and 13 EMA (Exponential Moving Averages)
- **CCI Settings:**
  - **CCI Mode:** Trend
  - **CCI Period:** 14
  - **Upper/Lower Band:** 0 (This makes the rule  $CCI > 0$  or  $< 0$ )
- **ATR:** Period 14, Multiplier 2.5 (TP & SL)
- **Trailing SL:** 30%

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#### How It Will Behave (The Rule Set)

This strategy uses a fast MA "ribbon" for immediate direction and a zero-cross on the CCI for confirmation.

#### BUY Signal Rule:

A BUY signal is generated **only if all three** of the following conditions are true on the last closed M5 candle:

1. **Immediate Trend:** The price is **ABOVE** the 5 EMA.
2. **Micro-Trend:** The price is **ABOVE** the 13 EMA.
3. **Positive Momentum:** The 14-period CCI value is **ABOVE** 0.

#### SELL Signal Rule:

A SELL signal is generated **only if all three** of the following conditions are true:

1. **Immediate Trend:** The price is **BELOW** the 5 EMA.

2. **Micro-Trend:** The price is **BELOW** the 13 EMA.
  3. **Negative Momentum:** The 14-period CCI value is **BELOW** 0.
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### Discussion & Analysis

- **Philosophy:** This is pure momentum ignition. It assumes that any time price is above two very fast MAs and the CCI is positive, a tradable upward move is underway. It is built for speed above all else.
  - **Strengths:**
    - **Extremely Responsive:** It will signal at the earliest possible moment a new micro-trend might be forming.
    - **High Signal Frequency:** Provides many trading opportunities, especially during volatile market sessions.
    - **Captures Sharp Moves:** Ideal for catching quick, sharp bursts of momentum after a period of consolidation.
  - **Weaknesses / Things to Watch for:**
    - **Highly Prone to Whipsaw:** This is its main drawback. In a ranging or choppy market, it will generate a rapid sequence of losing trades as it gets stopped out repeatedly.
    - **No Strength Filter:** The strategy has no concept of how strong the trend is. A weak, drifting move looks the same to this strategy as a powerful, explosive one.
    - **Requires Active Market:** It is best suited for high-volume sessions (like the London/NY overlap) where directional moves are more likely to have follow-through.
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## 2. Aggressive Daytrading (S2)

This strategy is a classic "join the trend" system. It waits for the intraday trend to be clearly established and then looks for a surge of momentum to jump on board.

### Parameter Settings (S2)

- **Timeframe:** M30
- **Signal Mode:** State Based
- **MA Settings:** 20 EMA and 50 EMA
- **RSI Settings:**

- **RSI Mode:** Trend
  - **RSI Period:** 14
  - **Upper Band:** 60
  - **Lower Band:** 40
  - **ATR:** Period 14, Multiplier 3.5 (TP & SL)
  - **Trailing SL:** 25%
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### How It Will Behave (The Rule Set)

The MAs define the field of play, and the RSI acts as the trigger, confirming strong participation in the trend's direction.

#### BUY Signal Rule:

A BUY signal is generated **only if all three** conditions are true on the last closed M30 candle:

1. **Medium-Term Trend:** The price is **ABOVE** the 20 EMA.
2. **Intraday Trend:** The price is **ABOVE** the 50 EMA.
3. **Strong Buying Pressure:** The 14-period RSI is **ABOVE** 60.

#### SELL Signal Rule:

A SELL signal is generated **only if all three** conditions are true:

1. **Medium-Term Trend:** The price is **BELOW** the 20 EMA.
  2. **Intraday Trend:** The price is **BELOW** the 50 EMA.
  3. **Strong Selling Pressure:** The 14-period RSI is **BELOW** 40.
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### Discussion & Analysis

- **Philosophy:** This strategy is not trying to be the first one in. It waits for other traders to establish a clear trend (price above the 20 and 50 MAs) and then enters when momentum becomes undeniably strong (RSI breaking past 60/40), assuming the move will continue.
- **Strengths:**
  - **Joins Strong Moves:** The RSI > 60 filter is an excellent way to confirm that a move has real conviction behind it, avoiding weak or drifting trends.
  - **Solid Context:** Using the 20/50 EMA combination provides a much more reliable picture of the intraday trend than faster MAs.

- **Weaknesses / Things to Watch for:**
    - **Can Enter Late:** Waiting for the RSI to get above 60 can mean entering a trend that is already well underway, potentially close to a point of exhaustion.
    - **No Ranging Filter:** Like the scalping strategy, it has no ADX. It can be fooled into a trade during a choppy but volatile sideways market.
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### 3. Aggressive Swing Trading (S3)

This strategy is for swing traders who want to align with the major market trend but want a more aggressive, momentum-based entry trigger rather than waiting for a slow indicator.

#### Parameter Settings (S3)

- **Timeframe:** H4
  - **Signal Mode:** State Based
  - **MA Settings:** 50 EMA and 200 EMA
  - **CCI Settings:**
    - **CCI Mode:** Trend
    - **CCI Period:** 20
    - **Upper Band:** +100
    - **Lower Band:** -100
  - **ATR:** Period 14, Multiplier 3.5 (TP & SL)
  - **Trailing SL:** 20%
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#### How It Will Behave (The Rule Set)

This strategy uses long-term MAs as its ultimate guide and a CCI breakout as its call to action.

#### BUY Signal Rule:

A BUY signal is generated **only if all three** conditions are true on the last closed H4 candle:

1. **Long-Term Trend:** The price is **ABOVE** the 200 EMA.
2. **Primary Trend:** The price is **ABOVE** the 50 EMA.
3. **Momentum Breakout:** The 20-period CCI is **ABOVE** +100.

#### SELL Signal Rule:

A SELL signal is generated **only if all three** conditions are true:

1. **Long-Term Trend:** The price is **BELOW** the 200 EMA.
  2. **Primary Trend:** The price is **BELOW** the 50 EMA.
  3. **Momentum Breakout:** The 20-period CCI is **BELOW** -100.
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## Discussion & Analysis

- **Philosophy:** "Follow the giants, but enter like a sprinter." The strategy uses classic, slow-moving institutional MAs (50/200) to ensure it is always on the right side of the big money. However, its entry is aggressive, triggered by a powerful surge of short-term momentum indicated by the CCI breaking its 100 level.
  - **Strengths:**
    - **Major Trend Alignment:** It is exceptionally difficult for this strategy to take a trade that is counter to the dominant, long-term market direction.
    - **High-Momentum Entries:** The CCI > 100 trigger is a clear and unambiguous signal that powerful momentum has just entered the market, increasing the chances of strong follow-through.
  - **Weaknesses / Things to Watch for:**
    - **Lagging Context:** The 50/200 MAs are very slow. By the time a CCI signal occurs, the price can be a great distance from its MAs, potentially leading to entries at less-than-ideal prices.
    - **No Trend Strength Context:** It lacks an ADX filter. The MAs could be flat and tangled, indicating a sideways market, but a sharp news spike could trigger the CCI and generate a signal in an otherwise poor environment.
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## Strategy 2: "2. Gold CONSERVATIVE Trend-Following"

### 1. Conservative Momentum Scalping (S1)

This is a high-probability scalping system designed for quality over quantity. It uses a dual MA filter for direction and a dual ADX filter for both trend strength and accelerating momentum, ensuring it only participates in the most powerful micro-trends.

#### Parameter Settings (S1)

- **Timeframe:** M5
- **Signal Mode:** State Based
- **MA Settings:** 5 EMA and 20 EMA (Exponential Moving Averages)
- **ADX Settings:**

- **ADX Mode:** Trending
  - **ADX Period:** 14
  - **ADX Level:** 20 (Lowered for M5 to catch faster moves)
  - **Momentum Check:** ADX Rising
  - **Momentum Bars:** 2
  - **ATR:** Period 14, Multiplier 2.5 (TP & SL)
  - **Trailing SL:** 30%
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### How It Will Behave (The Rule Set)

This strategy requires a three-stage confirmation: direction, strength, and momentum acceleration.

#### BUY Signal Rule:

A BUY signal is generated **only if all three** of the following conditions are true on the last closed M5 candle:

1. **Directional Bias:** The price is **ABOVE** both the 5 EMA and 20 EMA.
2. **Trend Strength:** The 14-period ADX value is **ABOVE** 20.
3. **Accelerating Momentum:** The ADX value has been **RISING** for the last 2 consecutive candles.

#### SELL Signal Rule:

A SELL signal is generated **only if all three** of the following conditions are true:

1. **Directional Bias:** The price is **BELOW** both the 5 EMA and 20 EMA.
  2. **Trend Strength:** The 14-period ADX value is **ABOVE** 20.
  3. **Accelerating Momentum:** The ADX value has been **RISING** for the last 2 consecutive candles.
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### Discussion & Analysis

- **Philosophy:** "No accelerating trend, no trade." This strategy is a significant upgrade over a simple filter. It specifically targets the "ignition phase" of a micro-trend, entering only when underlying strength is actively increasing.
- **Strengths:**

- **Superior Chop Filter:** The dual requirement of ADX > 20 and rising is exceptionally effective at filtering out the whipsaw that plagues most scalping systems.
  - **High-Quality Signals:** It forces the trader to wait for A+ setups, dramatically improving the quality of each signal taken.
  - **Weaknesses / Things to Watch For:**
    - **Patience is Paramount:** Signals will be infrequent. This strategy will sit idle during slow or choppy market conditions, which is by design.
    - **Slightly Lagging Entry:** It will not catch the absolute bottom or top of a move. It waits for momentum to be confirmed first, which is a key part of its conservative nature.
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## 2. Conservative Daytrading (S2)

This is a robust, triple-confirmation strategy designed to trade the primary intraday trend. It combines direction from MAs, strength from ADX, and an exhaustion filter from CCI to ensure it enters established trends that are not yet overextended.

### Parameter Settings (S2)

- **Timeframe:** H1
- **Signal Mode:** State Mode
- **MA Settings:** 20 EMA and 50 EMA
- **ADX Settings:**
  - **ADX Mode:** Trending
  - **ADX Period:** 14
  - **ADX Level:** 25
  - **Momentum Check:** ADX Rising
  - **Momentum Bars:** 2
- **CCI Settings:**
  - **CCI Mode:** Limit (This is the exhaustion filter)
  - **CCI Period:** 14
  - **Upper Band:** +150
  - **Lower Band:** -150
- **ATR:** Period 14, Multiplier 3.5 (TP & SL)

- **Trailing SL:** 25%
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### How It Will Behave (The Rule Set)

This is the most complex rule set, designed for maximum safety. It must pass all four confirmation stages.

#### BUY Signal Rule:

A BUY signal is generated **only if all four** conditions are true on the last closed H1 candle:

1. **Intraday Trend:** The price is **ABOVE** both the 20 EMA and 50 EMA.
2. **Trend Strength:** The 14-period ADX is **ABOVE** 25.
3. **Accelerating Momentum:** The ADX value has been **RISING** for the last 2 consecutive candles.
4. **Not Overbought:** The 14-period CCI is **BELOW** the +150 level.

#### SELL Signal Rule:

A SELL signal is generated **only if all four** conditions are true:

1. **Intraday Trend:** The price is **BELOW** both the 20 EMA and 50 EMA.
  2. **Trend Strength:** The 14-period ADX is **ABOVE** 25.
  3. **Accelerating Momentum:** The ADX value has been **RISING** for the last 2 consecutive candles.
  4. **Not Oversold:** The 14-period CCI is **ABOVE** the -150 level.
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### Discussion & Analysis

- **Philosophy:** "Enter strong trends, but not at stupid prices." This strategy combines the best of trend-following and mean-reversion. It ensures the underlying trend is powerful and accelerating (MAs + ADX) but uses the CCI Limit filter to prevent chasing a move right at its peak, just before a pullback.
- **Strengths:**
  - **A+ Setup Filter:** The four-part confirmation filters out almost everything but the highest probability intraday trend continuation setups.
  - **Avoids "FOMO" Entries:** The CCI Limit filter is specifically designed to prevent the common mistake of buying the "last high" or selling the "last low."
- **Weaknesses / Things to Watch for:**



- **Can Miss Breakouts:** In an extremely powerful breakout, the CCI may quickly shoot past the +150/-150 limits, causing the strategy to miss the entry. It prioritizes safety over catching every single move.
- **Infrequent Signals:** This is a highly selective day trading strategy. A trader may only see a few signals per week.

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### 3. Conservative Swing Trading (S3)

This is a long-term strategy designed to capture the "fat middle" of major market swings. It confirms the macro trend, underlying strength, and directional conviction before entering for a multi-day or multi-week hold.

#### Parameter Settings (S3)

- **Timeframe:** H4
- **Signal Mode:** State Mode
- **MA Settings:** 50 EMA and 200 EMA
- **ADX Settings:**
  - **ADX Mode:** Trending
  - **ADX Period:** 14
  - **ADX Level:** 25
  - **Momentum Check:** ADX Rising
  - **Momentum Bars:** 2
- **RSI Settings:**
  - **RSI Mode:** Trend
  - **RSI Period:** 14
  - **Upper Band:** 55
  - **Lower Band:** 45
- **ATR:** Period 14, Multiplier 3.5 (TP & SL)
- **Trailing SL:** 20%

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#### How It Will Behave (The Rule Set)

This strategy is a powerhouse of confirmation, requiring alignment across long-term, medium-term, and momentum indicators.

### BUY Signal Rule:

A BUY signal is generated **only if all four** conditions are true on the last closed H4 candle:

1. **Macro Trend:** The price is **ABOVE** the 200 EMA.
2. **Primary Trend:** The price is **ABOVE** the 50 EMA.
3. **Trend Strength & Momentum:** The 14-period ADX is **ABOVE** 25 and has been **RISING** for 2 bars.
4. **Directional Conviction:** The 14-period RSI is **ABOVE** 55.

### SELL Signal Rule:

A SELL signal is generated **only if all four** conditions are true:

1. **Macro Trend:** The price is **BELOW** the 200 EMA.
2. **Primary Trend:** The price is **BELOW** the 50 EMA.
3. **Trend Strength & Momentum:** The 14-period ADX is **ABOVE** 25 and has been **RISING** for 2 bars.
4. **Directional Conviction:** The 14-period RSI is **BELOW** 45.

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### Discussion & Analysis

- **Philosophy:** "Only ride the strongest waves." This strategy is designed to be on the right side of the major market flow. It uses the slow MAs to confirm the long-term context, and the ADX+RSI combination to confirm that the present moment has both power and clear directional agreement.
- **Strengths:**
  - **Extremely High-Probability:** It is very difficult for this system to be on the wrong side of the market. The confluence of filters provides exceptional confirmation.
  - **Catches Major Moves:** While it misses the start and end, it is purpose-built to capture the powerful, sustained middle portion of a major trend, which is often the most profitable.
- **Weaknesses / Things to Watch for:**
  - **Lagging by Nature:** This is not a weakness but a feature. It is designed to be late to the party to ensure the party is real. A trader must accept missing the initial breakout.
  - **Requires Large Stops:** Given the H4 timeframe, the ATR-based stop loss will be wide. This requires appropriate position sizing and risk management.