

Ichimoku Trading Bot Documentation

1. Conditions for Buy Entry (Long):

- **Chikou Span** is above all previous Ichimoku Lines(-26 bars). (**chikou span** is the current market price)
 - **Price** is above all current ichimoku lines.
 - **Positive Tenkan/Kijun Cross** (Tenkan $\geq$ Kijun).
 - **Tenkan-Sen** is above the current cloud (Senkou Span A/B).
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2. Conditions for Sell Entry (Short):

- **Chikou Span** is below all previous Ichimoku Lines(-26 bars).(**Chikou span** is the current market price).
 - **Price** is below all current ichimoku lines.
 - **Negative Tenkan/Kijun Cross** (Tenkan $\leq$ Kijun).
 - **Tenkan-Sen** is below the current cloud (Senkou Span A/B).
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3. Trade Execution:

- **Market entry** at candle close when conditions for short or long positions are met.
- Include a **stop loss** and multiple **take profit** levels.
- **Position sizing** for the current instrument.

Take Profit Strategy:

- **Take Profit 1:** Close 1/3 of the position at **1R** and move the stop loss to **break-even**.
 - **Take Profit 2:** Close 1/3 of the position at **2R** and activate a **trailing stop**.
 - **Trailing Stop:** For the remaining 1/3 of the position, trail the stop along **Senkou Span A or B** (depending on whether the position is long or short).
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4. Risk Management:

- **Daily Risk:** Input the daily risk manually (e.g., \$200, or 1% of balance).
Example:
 - Daily Risk = \$200

- **Position Risk:**

$$\text{Position Risk} = \text{Daily Risk} / \text{Risk Divider}$$
(Risk Divider is manually input).
- **Daily Progress:** Track profit or loss throughout the day.
Formula:

$$\text{Daily Progress} = \text{Daily Progress} + \text{Profit/Loss from each position}$$
- **Position size** = to be calculated based on **position risk**.
- **Position size** to be calculated for the current instrument..

Risk Check Before Entering a Position:

- Ensure **Daily Progress** > **-Daily Risk** (i.e., the loss does not exceed the allowed daily risk).
 - Ensure **no open position** exists for the same instrument.
 - If position is running do not open a new trade.
 - If a **position is open** and a **reversal** occurred **keep the running position**.
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5. Entry Conditions:

- All entries are executed on **candle close**.

Long (Buy) Entry Conditions:

- **Tenkan-Sen** ≥ **Kijun-Sen**.
- **Tenkan-Sen** > (**Senkou Span A** and **Senkou Span B**).
- **Chikou Span (-26 candles)** > **Tenkan-Sen (-26 candles)**.
- **Chikou Span (-26 candles)** > **Kijun-Sen (-26 candles)**.
- **Chikou Span (-26 candles)** > **Senkou Span A and B (-26 candles)**.
- **Candle close** above all (**Tenkan/Kijun/Senkou A** and **Senkou B**).

Actions:

- Open a **long position** with the following conditions:
 - **Market Buy Order** based on the calculated position size.
 - **Stop Loss distance:** **candle close price** - (the lowest (Tenkan-Sen, Kijun-Sen, Senkou Span A, Senkou Span B) of the current candle).
 - **Position size:** Difference between candle close and **stop loss distance**
 - **Take Profit 1:** Close 33.3% of the position at 1R and move Stop Loss to Break-even.
 - **Take Profit 2:** Close 33.3% of the position at 2R.

- **Take Profit 3:** The remaining 33.3% position is trailed using the lowest of (Senkou Span A/B of current candle).

Short (Sell) Entry Conditions:

- Tenkan-Sen $\leq$ Kijun-Sen.
- Tenkan-Sen < Senkou Span A and Senkou Span B.
- Chikou Span (-26 candles) < Tenkan-Sen (-26 candles).
- Chikou Span (-26 candles) < Kijun-Sen (-26 candles).
- Chikou Span (-26 candles) < Senkou Span A and B (-26 candles).
- Candle close below all (tenkan/kijun/senkou A and Senkou B).

Actions:

- Open a **short position** with the following conditions:
 - **Market Sell Order** based on the calculated position size.
 - **Stop Loss distance:** candle close price - (the highest of (Tenkan-Sen, Kijun-Sen, Senkou Span A, Senkou Span B) of current candle)).
 - **Position size:** Difference between candle close and **stop loss distance**
 - **Take Profit 1:** Close 33.3% of the position at 1R and move Stop Loss to Break-even.
 - **Take Profit 2:** Close 33.3% of the position at 2R.
 - **Take Profit 3:** The remaining 33.3% position is trailed using the highest of (Senkou Span A/B of current candle).

6. Additional Features & Conditions:

- **Stats:**
 - Show number of consecutive losses / Wins.
- **Trading Hours:**
 - As Input (allowed time range when the EA operates) for the specific symbol.
 - Exemple :open positions on XAU/USD between 01:00 and 20:00 GMT+1
- **Manual Controls:**
 - Ability to stop the EA and close all positions.

- Possibility to resume trading manually.
 - Possibility to resume EA on standby until manually reactivated.
 - On start the EA is on standby.
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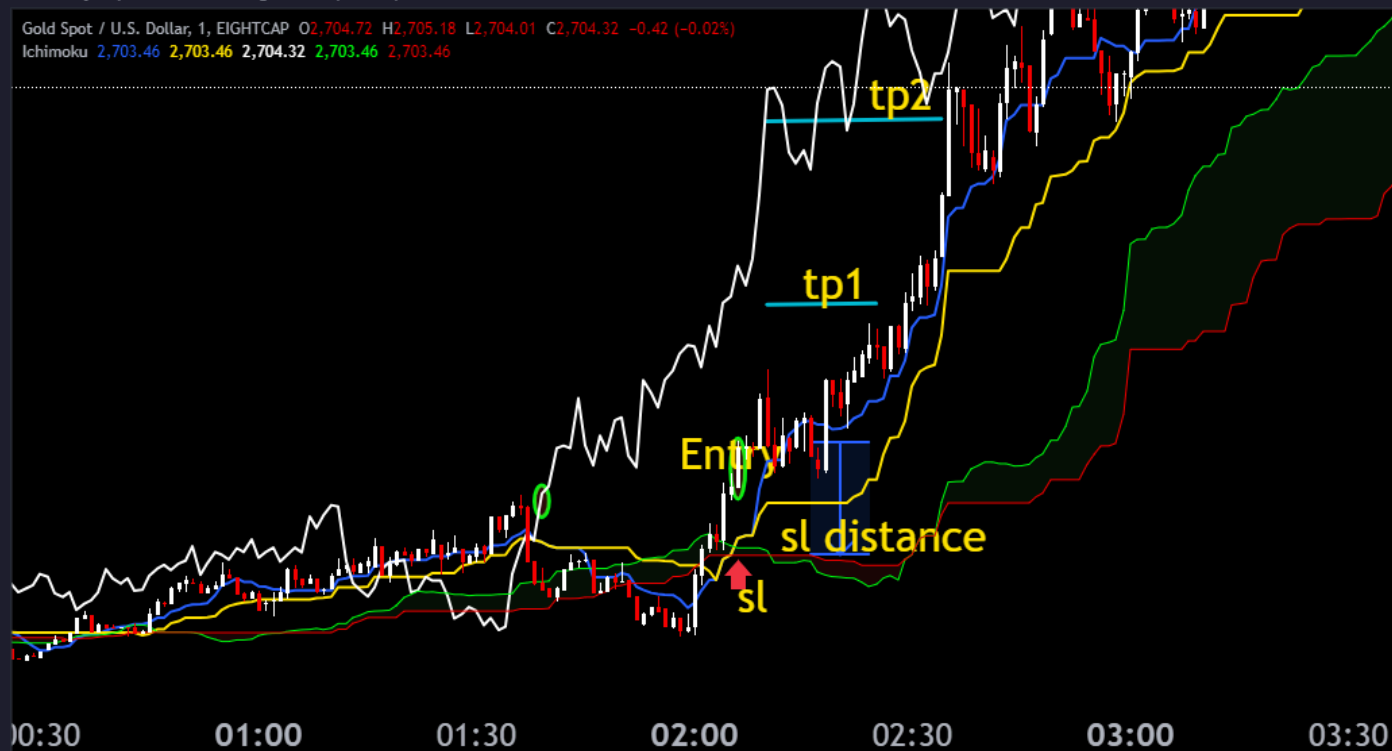
7. Monitoring & Alerts:

- **Current Open Positions:**
 - Display profit/loss information for open positions.
 - **Instrument Statistics:**
 - Total Profit/Loss.
 - Running profit and loss for current open positions.
 - **Daily Progress:**
 - Show daily progress in both dollar amount and percentage terms.
 - Daily progress % : total of accumulated daily progress in proportion to daily risk
 - **Show current market condition :**
 - If long conditions are met.
 - If short conditions are met.
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Example of trade entry

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Gold Spot / U.S. Dollar, 1, EIGHTCAP O2,704.72 H2,705.18 L2,704.01 C2,704.32 -0.42 (-0.02%)
Ichimoku 2,703.46 2,703.46 2,704.32 2,703.46 2,703.46



TradingView

OussamaRjiba published on TradingView.com, Oct 18, 2024 09:43 UTC+1

Gold Spot / U.S. Dollar, 1, EIGHTCAP O2,703.44 H2,704.22 L2,703.37 C2,704.22 +0.78 (+0.03%)
Ichimoku 2,702.98 2,702.98 2,704.22 2,702.98 2,703.34



TradingView