

Blackbeard Scalp Raiding Bot

Main Idea

The Blackbeard Scalp Raiding Bot is a scalping bot based on a trend following approach. It basically Buys/Sells pullbacks/retracements within intraday trends. Combined with our Cycle Analysis and Predictive Trading Times filter, the bot uses a simple 2-bar (candlestick) pattern above/below a short-term moving average to determine entries.

Parameters

Debug

Write debug log if checked, strategy will write to a log file
Only realtime messages if unchecked, both realtime and historical data messages will be written to debug log file

Settings

Template Name Name of Strategy Template (including Name of bot, Symbol traded, Data Series time frame, Trading Hours used, and Date created)
Calculate on another instrument if checked, strategy will use the instrument selected in "Another instrument" to base calculations off of (need to adjust stops, targets, etc. for instrument you choose in Data Series)
Another instrument select instrument in which to base strategy calculations
MA price Moving Average Entry Condition price: Close or open
MA type Moving Average Entry Condition type: which MA to use
MA period Moving Average Entry Condition period: which period of MA to use
Start time (EST) strategy will trade starting at this time when criteria for a trade is met (trading hours session template takes precedence)
End time (EST) strategy will not initiate new trades past this time (trading hours session template takes precedence)
Use close time if checked, strategy will close any open trades at the time value entered in Close time
Close time (EST) strategy will close any open trades at this time if Use close time is checked
Ignore hammer if checked, strategy will not enter if reversal candle is a hammer
In candle top/bottom if checked, strategy will not enter if reversal candle close is not in the top/bottom X of the high-low range
Candle top/bottom X percent that close is in the top/bottom of the candle high-low range
Trade Direction strategy will trade only in the direction selected when criteria for a trade is met
Entry Quantity enter desired number of contracts or position size per trade here
Market entry if checked, strategy will use a market order for entry and if unchecked, strategy will use a stop order for entry
Entry price offset sets entry price offset in ticks
Take new signals if checked, strategy can take reverse signals or new same direction signals (if EntriesPerDirection>1)

Trading Day of Week

if checked, strategy will look for trades on this Day of Week

Black Beard Predictor

is our Cycle Analysis and Predictive Trading Times Windows filter
CL long term if checked, strategy will only trade during the Predictive Trading Times Window based on the CL 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
CL mid term if checked, strategy will only trade during the Predictive Trading Times Window based on the CL 15 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
CL short term if checked, strategy will only trade during the Predictive Trading Times Window based on the CL 8 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
ES long term if checked, strategy will only trade during the Predictive Trading Times Window based on the ES 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
ES mid term if checked, strategy will only trade during the Predictive Trading Times Window based on the ES 15 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
ES short term if checked, strategy will only trade during the Predictive Trading Times Window based on the ES 15 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
GC long term if checked, strategy will only trade during the Predictive Trading Times Window based on the GC 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
GC mid term if checked, strategy will only trade during the Predictive Trading Times Window based on the GC 15 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
GC short term if checked, strategy will only trade during the Predictive Trading Times Window based on the GC 8 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
NQ long term if checked, strategy will only trade during the Predictive Trading Times Window based on the NQ 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
NQ mid term if checked, strategy will only trade during the Predictive Trading Times Window based on the NQ 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
NQ short term if checked, strategy will only trade during the Predictive Trading Times Window based on the NQ 15 minute RTH time frame (if strategy was added to chart and enabled, will show on chart)
YM long term if checked, strategy will only trade during the Predictive Trading Times Window based on the YM 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
YM mid term if checked, strategy will only trade during the Predictive Trading Times Window based on the YM 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
YM short term if checked, strategy will only trade during the Predictive Trading Times Window based on the YM 60 minute ETH time frame (if strategy was added to chart and enabled, will show on chart)
Combine filters via AND if checked, strategy will only trade when enabled Predictive Trading Times Windows (above) are in alignment with each other
Exit at end of the TSL interval if checked, strategy will exit at the end of the TSL filter's time window
Long bias color Blackbeard Predictor Trading Times Window Long bias color
Short bias color Blackbeard Predictor Trading Times Window Short bias color
Opacity sets the Opacity (transparency) level of the Blackbeard Predictor Trading Times Window Long/Short bias color

Exits

Use stop loss	if checked, strategy will use Stop loss defined in value below
Stop loss (\$ per contract)	stop loss value per contract in USD
Use profit target	if checked, strategy will use Profit Target defined in value below
Profit target (\$ per contract)	profit target value per contract in USD
Use breakeven	if checked, strategy will use Breakeven Trigger and Offset defined in values below
Breakeven trigger (\$ per contract)	value per contract in USD above Entry price, if reached, will trigger Breakeven logic
Breakeven offset (\$ per contract)	if Breakeven logic triggered, this is the value per contract in USD above Entry price at which the stop will be placed to protect profits
Use ATR trailing	if checked, strategy will use ATR Trailing Stop loss based on values below
ATR trailing period	value is the number of bars used in Trailing Stop Average True Range calculation
ATR trailing multiplier	value by which the ATR Trailing Period is to be multiplied
Use N bars trailing	if checked, strategy will use a Trailing Stop at the lowest low (for a LONG trade) and the highest high (for a SHORT trade) of "N" bars ago
Trailing N bars	"N" specifies the number of bars ago
Show stop + target	if checked, stops and profit targets will be delineated on chart (if strategy was added to a chart)

Periods Limits

Use loss limit	if checked, strategy will no longer initiate new trades during trading session if Daily stop loss limit value is reached
Loss limit (\$)	value is total per day in USD
Use profit limit	if checked, strategy will no longer initiate new trades during trading session if Daily profit limit value is reached
Profit limit (\$)	value is total per day in USD
Use max losers	if checked, strategy will no longer initiate new trades during trading session if Max losers value is reached
Max losers	value is total number of losers per day
Use max trades	if checked, strategy will no longer initiate new trades during trading session if Max trades value is reached
Max trades	value is total number of trades per day
Close position if limits reached	if checked, strategy will close position if limits defined above are reached

Data Series

Instrument	Sets the instrument or list you wish to test on
Price based on	Sets the type of market data used to drive the Data Series
Type	Sets the bar type of the Data Series
Value	Sets the Data Series value

Time frame

Start date (Strategy Analyzer Only)	Sets the start date for the test period
End date (Strategy Analyzer Only)	Sets the end date for the test period
Days to load (Strategies tab only)	minimum number of trading days to load for strategy (45 days is minimum)
Trading hours	Sets the trading hour template for the Data Series
Break at EOD	Enables or disables the bars being reset at EOD (End Of Day)

Setup

Account (Strategy tab only)	
Calculate (Strategy tab only)	Sets the Calculation Mode for the strategy (default is "On Bar Close")
Label (Strategy tab only)	Sets a text label that will be displayed on the chart or the Strategies tab to represent the strategy
Include commission (Strategy Analyzer (backtest) only)	Enables or disables commissions in the backtest performance results
Maximum bars look back (Strategy tab AND Strategy Analyzer)	Max number of bars used for calculating an indicator's value
Bars required to trade (Strategy tab AND Strategy Analyzer)	Sets the minimum number of bars required before orders will be allowed to be submitted
Start Behavior (Strategy tab only)	Sets the starting behavior of the strategy, based upon the account position (default is "Wait until flat")

Historical fill processing

Order fill resolution	Sets the order fill resolution to be used for the backtest (default is "Standard (Fastest)")
Fill limit orders on touch	Enables or disables the filling of limit orders on a single touch of price action
Slippage	Set the amount of slippage in ticks to apply to order executions

Order handling

Entries per direction (Strategy tab AND Strategy Analyzer)	Sets the maximum number of entries allowed per direction while a position is active
Entry handling (Strategy tab AND Strategy Analyzer)	Sets the manner in which entry orders are handled
Exit on session close (Strategy tab AND Strategy Analyzer)	When enabled, open positions are closed on the last bar of a session
Exit on session close seconds (Strategy tab only)	Sets the number of seconds prior to the end of a session at to close any open positions held by the strategy
Stop & target submission (Strategy tab only)	Sets how stop and target orders are submitted (default is "By strategy position")

Order properties

Set order quantity	Sets how the order size is determined (default is "Strategy" - enter desired number of contracts or position size per trade in Entry Quantity above)
Time in force	Sets the order's time in force

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