

Build a MQL5 Time-based Breakout EA that trades Multiple times (3) a day:

For each Range Breakout

1. Open two pending orders above (BUY) and below (SELL) the breakout range.
2. Once a trade is entered in one direction, the EA cancels the pending order in the opposite direction.
3. Stop Loss value is set to the percentage of the Range Breakout.
4. Take profit value is set to the percentage of the Stop Loss.
5. Martingale loss recovery option for losing trades.
6. Must work for Forex, Indices, Commodities, and Stocks.
7. Must work on all Timeframes.
8. Must work with a VPS.

PARAMETERS (Default settings)

TRADING RANGES & TIMES

Minimum opening range 0

(If the opening range is LOWER than the value above, then EA will NOT OPEN A TRADE)

Maximum opening range 5000

(If the opening range is HIGHER than the value above, then EA will NOT OPEN A TRADE)

Trade Range breakout 1 TRUE/FALSE

Range 1 start time 03:00

Range 1 end time 03:15

Trade Range breakout 2 TRUE/FALSE

Range 2 start time 10:00

Range 2 end time 10:15

Trade Range breakout 3 TRUE/FALSE

Range 3 start time 16:30

Range 3 end time 16:45

Close all trades at stop trading time TRUE/FALSE

Stop Trading time 22:30

(If the value above is set to TRUE, then all trades will be closed at "stop trading time" for the rest of the day. If the value is set to FALSE, then all trades will be proceed until they hit Stop loss or Take Profit)

Cancel all pending orders at stop trading time TRUE/FALSE

(If the value above is set to TRUE, then all pending trades will be cancelled at “stop trading time”. If the value is set to FALSE, then all trades will be proceed until they hit Stop loss or Take Profit)

Activate on bar close TRUE/FALSE

Offset distance for pending orders 15

(Number of pips added to pending orders to offset slippage)

RISK

Percent of opening range to use as Stop Loss 110%

(Adjustable percentage value of the opening range to set as Stop Loss)

Amount of Money to risk per Trade using Stop Loss \$100

Take Profit (percentage of stop loss) 100%

LOSS RECOVERY (Martingale)

Martingale TRUE/FALSE

Add Multiple Lots 2

(If the value is set to TRUE, In the event of a losing trade, the EA will add a multiple (number above) of the lot size on the next trade. This will continue until the EA encounters a winning trade. If value is set to FALSE, then loss recovery is OFF)

For example:

“Amount of Money to risk per Trade using Stop loss” is set to \$100 (which for this example we will assume it is 1 lot)

“Add Multiple Lots” is set to 2 (Double)

DAY 1

1 st Trade	Range breakout 1	Risk \$100 (1 Lot)	Winning Trade
2 nd Trade	Range breakout 2	Risk \$100 (1 Lot)	Losing Trade
3 rd Trade	Range breakout 3	Risk \$200 (2 Lots)	Losing Trade

DAY 2

4 th Trade	Range breakout 1	Risk \$400 (4 Lots)	Losing Trade
5 th Trade	Range breakout 2	Risk \$800 (8 Lots)	Winning Trade
6 th Trade	Range breakout 3	Risk \$100 (1 Lot)	Pending orders placed