

## Hedge with an Edge EA:

EA Chart Time periods: M5, M15, M30, H1, H4.

EA will have the ability operate on any FX pairs however be more suited to the 4 majors.

### EA Entry Rules below:

#### Buy market with Hedge sell:

A buy market order is initiated with a sell stop hedge order if the Bollinger band standard periods 20, 2 have squeezed and breakout occurs into the direction of the overall uptrend, the trend filter to be used is the 200 period EMA so buy orders will only occur when price is above the 200 Period EMA.

OR

Manual Buy Hedge entry can be initiated from my MT4 Buy entry button see Graphics section below for further description.

#### Sell market with Hedge buy:

A Sell market order is initiated with a buy Hedge stop order if the Bollinger band standard periods 20, 2 have squeezed and breakout occurs into the direction of the overall down trend, the trend filter to be used is the 200 period EMA so sell orders will only occur when price is below the 200 Period EMA.

OR

Manual Sell Hedge entry can be initiated from my MT4 sell entry button see Graphics section below for further description

### EA Exit Rules:

There will be a pips recovery zone between the buy or sell market order and the hedged stop order, this recovery zone will be adjustable however be a default of 20pips, take profit pips default will be default 60 pips and Stop Loss default for hedged order will be 80 pips. **See Picture below.** Once TP is hit the sell or buy stop hedged order is deleted or stopped out which ever is true given the trade situation at the time OR exit positions on breakeven button activation as mentioned in more detail below.



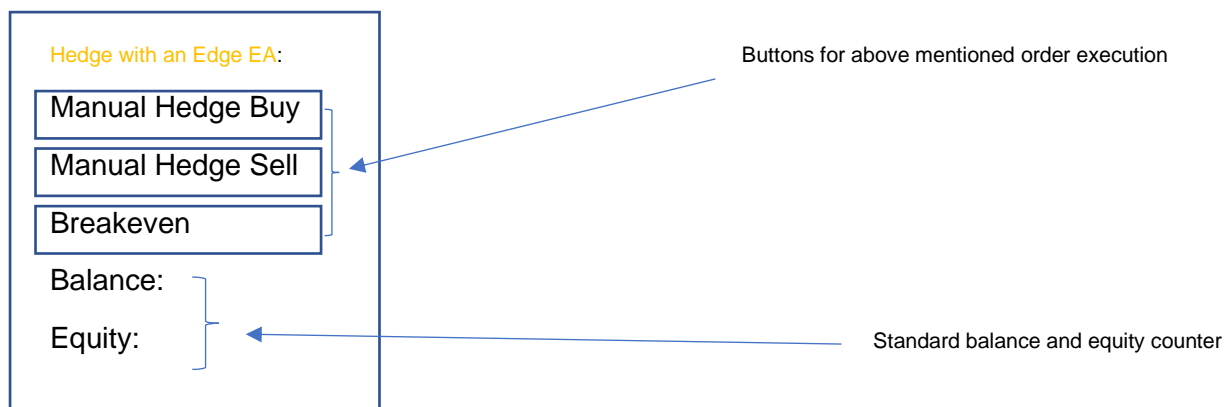
Should price move in a range orders will be added using a martingale multiplier as can be seen in the above picture. Orders need to occur in sequence should price get stuck in a range as per above picture.

### Other general EA functions required:

As price can get stuck in a range adding multiple martingale orders I would like a breakeven function, it's a **save the account** button I can hit at a certain level of orders that becomes uncomfortable for my liking, this will balance the lot sizes as best as possible as to close the position(s) out as close to breakeven/Minimal loss as possible. In my testing using the Bollinger band breakout take profit will be hit 70% of the time so this will rarely be required.

### Graphics and function Panel on the MT4 platform:

I would like a small graphics and function panel that can be placed on the MT4 platform chart, it can be adjusted to any corner of the MT4 chart/Screen. It will have the following buttons/features:



### Adjustable Parameters:

**Recovery zone pips:** default 20 pips to hedged order.

**Take profit pips:** Default 60 pips

**Stoploss:** Default 80 pips

**Initial lot size value:** Default 0.01

**Martingale lot size multiplier:** Default 1.33

**Trend filter:** Default true

**EMA period:** Default 200 (only used when trend filter is true) 0-300 range max

**Bollinger band period:** 20 period default

**Bollinger band standard deviations:** 2 deviations default.

**Graphics panel location:** Right upper corner is Default, change between right lower, left upper and left lower.

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