

Overall Grid Assistant panel consists of two independent tabs for buy and sell orders. To choose the tab please click on area titled “Buy Grid” or “Sell Grid”. You can determine the chosen tab by background of the panel. It is blue shifted for “Buy Grid” and red shifted for “Sell Grid”



## Buttons specification

### *Start Grid*

The start of grid building in accordance with parameters of the panel (grid step and lot multiplier).

If grid is active you will see “Buy(Sell) grid building is active”. Besides there is a yellow message on the right about next order’s value and open price. If no order is found to build a grid you will see “Next buy(sell) order will open at some price with some lot size”.

If conditions to stop grid building hold at the moment (as long as they are activated in the “Restrictions” section of the panel’s settings) you will see on the right “Grid building is suppressed by ... settings”.

### *Stop Grid*

The stop of grid building. If grid is stopped you will see “Buy(Sell) grid building is not active”. You need to press “Start Grid” or to specify the start level “Start at price” to restart grid building.

### *Place TP at 0 Profit*

The button places take profit for all orders of a grid to the level of net breakeven. Here and elsewhere all orders of a grid include an initial trade opened manually or by another EA. The take profit will be modified with every new order of a grid and new take profit will be also employed to new orders.

### *Delete TP*

The button deletes take profit for all orders of a grid independently of placing method (manually, by "Place TP at 0 Profit" button or by trailing profit along a trend line).

### *Delete SL*

The button deletes stop loss for all orders of a grid.

### *Partial close of grid*

The button closes profitable part of a grid reducing the load of deposit. Let's imagine that we got a big grid dangerous for our deposit. And news which may cause strong movement of the pair release soon. We don't want to close the grid with loss but we have a possibility to close some the biggest orders with zero loss. At pressing the button the panel automatically determines trades which could be closed at net breakeven and closes them.

### *Close full grid*

The button closes all orders of the grid.

### *Close all orders*

The button closes all orders of all pairs taking magic number into account. It closes all orders with magic numbers GridMagic and LockMagic and also orders opened manually depending on settings of catching orders (the section "Catch Orders Rules" of the panel's settings).

### *OpenLockBuy*

The button opens locking sell order for a grid of buys with the value equal to total value of all orders of the grid. At this grid building is stopped.

### *CloseLockBuy*

The button closes locking sell order for a grid of buys. You need to press "Start Grid" or to specify the start level "Start at price" to restart grid building.

### *OpenLockSell*

The button opens locking buy order for a grid of sells with the value equal to total value of all orders of the grid. At this grid building is stopped.

### *CloseLockSell*

The button closes locking sell order for a grid of sells. You need to press "Start Grid" or to specify the start level "Start at price" to restart grid building.

As you can see buttons of locking are repeated in both tabs of the panel. So you can lock grid of buys from "Sell Grid" tab and vice versa.

### *Reset*

The button deletes all values from input boxes and cancels all active buttons.

## **Specification of parameters entered from the chart**

### *Line name*

In "Line name" input box you can write the name of trend line that you have drawn on the chart manually before. At pressing "Trail" button the panel places take profit at predetermined distance ("LineDeltaPoints" parameter) from the trend line for all orders of a grid. "LineDeltaPoints" can be negative, in this case take profit will be placed beyond the trend line and will be activated after the trend line is broken through.



If the line with this name is not found on the chart you will see "Line named ... was not find".

### *Manual TP*

In this input box you can write an exact take profit for all orders of a grid. This take profit will be also employed to orders opened in future.

### *Manual SL*

In this input box you can write an exact stop loss for all orders of a grid. This stop loss will be also employed to orders opened in future.

### *Stop for mins*

You can stop grid building for some time given in minutes. At this time left before grid building is started displays on the right ("Grid will start in ... minutes").

### *Start at price*

In this input box you can predetermine exact level to start buy grid below it and sell grid above it.

### *Stop at price*

In this input box you can predetermine exact level to stop buy grid below it and sell grid above it.

### *Fix lot u Fix dist*

These buttons fix lot size and distance between orders. To cancel fixing you need to press the button again.

Caution! All parameters entered from a chart must be activated by pressing the corresponding button. If the parameter is entered correctly the button will turn green at its

activation. Buttons turn orange at changing value in input box. It means that new value was not activated. It will be activated after pressing the button.

## **Specification of panel settings**

### **Money Management**

The section of parameters concerning risk management.

#### *LotMultiplier*

Initial lot multiplier for a grid.

#### *LotMultiplierDecrease*

Coefficient of lot multiplier's decreasing with every step of a grid. For example take  $\text{LotMultiplier} = 3$  and  $\text{LotMultiplierDecrease} = 0.8$ . Then lot multiplier will change with every new order as following:

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$3 * 0.8 = 2.4$

$2.4 * 0.8 = 1.92$

etc...

#### *DynamicLotMultiplier*

If this function is on the panel determines lot multiplier by itself basing on "CloseMoneyProfit" and take profit level. In other words order's lot size will be enough to get wished profit at take profit.

If "DynamicLotMultiplier" = true lot multiplier will be determined by "LotMultiplier" and "LotMultiplierDecrease" till take profit is set by any means (manually, at breakeven level or by trail along a trend line). Dynamic lot will be used after take profit is set that is shown in the information section of the panel.

Buy Grid	Sell Grid		
Place TP at 0 Profit	<b>Start Grid</b>	<b>Stop Grid</b>	Current take profit: 1.73438 Awaited profit: 21.99 (0.00 %) No stop loss was set for the grid
Delete TP			Drawdown percent of the grid: 0.02 % Drawdown percent of the account: 0.00 %
Delete SL	Line name	Trail	Orders in grid: 3
Partial close of grid	Manual TP	Place	Total sell lots: 0.05
Close full grid	Manual SL	Place	Profit of the grid: -19.56
Close all orders	Stop for mins	Stop	<b>Lot multiplier: 3.25 (dynamic)</b>
Open Lock Buy	Start at price	Start	Next sell order will open at 1.77465 with lot size 0.10
Close Lock Buy	Stop at price	Stop	
Open Lock Sell	<b>Sell grid building is not active</b>		
Close Lock Sell	Current lot size is 0.03	Fix Lot	
Reset	Current distance is 2257 points	Fix Dist	

In this regime lot multiplier can be less than 1. If current orders of the grid already give the wished profit ("CloseMoneyProfit") at take profit level the grid will not continue to build till take profit is changed.

*CloseByDepositPercent*

To close a grid at reaching predetermined profit in % of deposit.

*CloseProfitPercent*

Profit in % of deposit at which grid is closed.

*CloseByMoney*

To close a grid at reaching predetermined profit in currency of the account.

*CloseMoneyProfit*

Profit in currency of the account at which grid is closed.

*LineDeltaPoints*

The shift from a trend line in case of using trailing profit along a trend line.

*StopAtDrawdownPercent\_AllPairs*

Stop of grid building at reaching predetermined drawdown of all pairs in % of deposit.

*StopAtDrawdownPercent\_ThisPair*

Stop of grid building at reaching predetermined drawdown of the current pair in % of deposit.

*StopAtDrawdownMoney\_AllPairs*

Stop of grid building at reaching predetermined drawdown of all pairs in currency of the account.

StopAtDrawdownMoney\_ThisPair

Stop of grid building at reaching predetermined drawdown of the current pair in currency of the account.

CloseAtDrawdownPercent\_AllPairs

Close all orders at reaching predetermined drawdown of all pairs in % of deposit.

CloseAtDrawdownPercent\_ThisPair

Close all orders at reaching predetermined drawdown of the current pair in % of deposit.

CloseAtDrawdownMoney\_AllPairs

Close all orders at reaching predetermined drawdown of all pairs in currency of the account.

CloseAtDrawdownMoney\_ThisPair

Close all orders at reaching predetermined drawdown of the current pair in currency of the account.

GridMagic

Magic number of orders of a grid.

LockMagic

Magic number of locking orders.

Slippage

Admissible slippage at orders' opening.

## **Orders Distance**

The section of parameters concerning distance between orders of grid.

DistCalcMethod

Method of calculation the distance between orders of grid.

DistPoints

Distance between orders in points if the method is "in points".

BandPeriod

Period of Bollinger Bands, ATR or regression for corresponding method.

BandRange

Coefficient of Bollinger Bands, ATR or regression for corresponding method.

RegressionDegree

Regression degree if the method is "by regression band".

DistCoeff

Multiplier of change of the distance between orders with every step of grid. This let us to build more dense grid with price movement to close in profit quickly or alternatively to stretch the grid to reduce risk.

*TimeDelayMins*

Minimal delay between orders' opening in minutes.

## **Restrictions**

The section of parameters concerning stop of grid building against strong trend or in some time of day.

*SuppressBySMAIncline*

To stop grid building if the predefined incline of moving average was overreached.

*SMAPeriod*

Period of moving average.

*SMAIncline*

Incline of moving average in points per bar.

*SuppressByMACD*

To stop grid building if the predefined value of MACD was overreached.

*FastEMAPeriod*

Period of fast MA of MACD.

*SlowEMAPeriod*

Period of slow MA of MACD.

*MaxMACD*

Value of MACD at which grid building is stopped.

*UseTimeRestrictions*

To use time limits for orders' opening.

*StartGridHour*

Hour to start grid building.

*StopGridHour*

Hour to stop grid building.

*GMT*

Shift of terminal's time from Greenwich time.

## **Catch Orders Rules**

The section of parameters concerning orders used as initial orders to build a grid.

*CatchAll*

To catch all orders of current pair.

*CatchByMagic*

To catch orders with predetermined magic number.

*NeedMagic*

Magic number of catching orders.

*CatchByTicket*

To catch orders with predetermined ticket.

*NeedTicket*

Ticket of catching orders.

*CatchByComment*

To catch orders with predetermined comment.

*NeedComment*

Comment of catching orders.