

# Trading Box EA for MT4

## 1 WHAT IS TRADING BOX EA?

Trading box is professional EA for price event notification and advanced order execution at bid price. It was developed with help of some great forex traders. They say that this EA is cherry on top of the cake. Their problem was that even they know how to read price with great precision (touch trade to the pip) they find hard to trade live, because they missed a lot of great opportunities and did a lot of mistakes because market conditions are changing fast on lower time frames and therefore most of the time limit orders are useless. If you want to make money fast, then you need to trade on lower timeframes and you need to have proper money management which is integrated into Trading box EA. Risk reward ratio and all costs of the trade are visible to trader on the chart. The biggest advantage of trading box EA is that you place order on the market and you decide under which condition this order will be activated. This is how you have control over your orders. You can also put on chart unlimited price alerts which will ensure that you will not miss the trade when price is coming near your order. Limit orders are not the right tool to enter the market, because you have too much administration work with them (calculate right order size, set SL, set target, you cannot delete or place order when market is closed).

When you will get familiar with all functionalities then you will save a lot of time and bad trading decisions because this EA will introduce discipline and freedom into your everyday trading. You set up your strategy and everything else is then automated. You don't need to be behind the charts to capture right price action for your trades. This EA is also very useful for scalping because orders can be placed in few seconds. Risk Reward ratio is instantly calculated, so you can decide if this trade will suit your money management strategy.

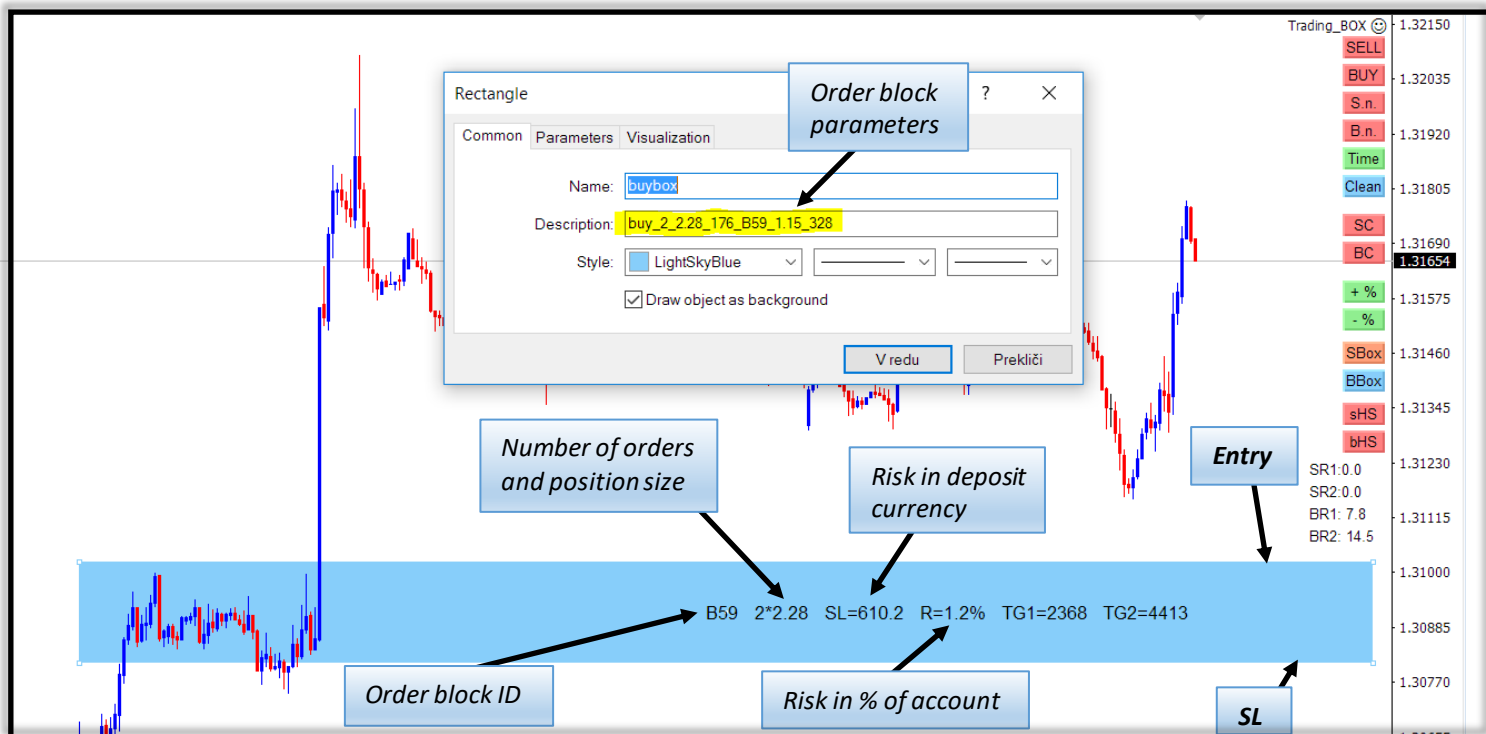
## 2 TRADING BOX EA ADVANTAGES:

- a. Unlimited Notifications and Alerts on chart placed with horizontal lines. For example, when price engulfs level, before S&D (*Supply and Demand*) zone, before order block, at certain price level...
- b. Every event is also supported with mobile push notifications
- c. Orders and SL are executed within Bid price. This solves problem of spread SL hunt for Sell positions, when ask price can easily hit your SL during big news.
- d. Price is executed inside order block (rectangle with name **buybox** or **sellbox**) if spread is below defined value from EA input parameters. For example, trade can be open with 0.0 spread on EURUSD
- e. Orders don't execute if gap occurs beyond your order block (news, Monday gap, market open...)
- f. You can disable all order blocks on all charts before big news with one global variable (time interval). For example, you can disable executing all orders from 14:45 to 15:15 on all charts
- g. When big candle is printed with origin inside order block you will be notified that market is started to move
- h. Place order within second. With one click you can change rectangle into order block (**buybox** or **sellbox**). Default trading block parameters are changeable through EA input parameters or rectangle description
- i. Calculated order block SL with spread and commission, order block risk shown in percentage of account. There is also Risk Reward ratio calculated for order block and displayed on chart
- j. You can set rebuy and resell level inside order block at better price
- k. You can enable or disable order block with one button click or automatically when price reach defined level with **sellon** or **selloff** and **buyon** or **buyoff** horizontal line
- l. All order blocks from all charts are visible on **Trading box dashboard** EA, which needs to be placed on separate chart. There you can see in pips what is the distance for each order block. All order blocks are listed in one view. You can also sort order blocks based on pips until order block. This is how you can see which order block need attention because price is close

### 3 ORDER BLOCK

Order block is presented on chart as rectangle (*sellbox or buybox*) which defines hidden trade entry and hidden SL. Your pending orders are hidden because broker cannot see your order block (*we don't use limit orders*). Order parameters are defined in rectangle Description (*marked with yellow on picture below*), which are generated automatically from EA input parameters. You can also change order block parameters in rectangle Description. Parameters are separated with \_ sign.

When you have EA on the chart and you rename one rectangle to **sellbox**, the order block is generated. Faster way to create order block is to select rectangle and click on button **SBox** for **sellbox** or **BBox** for **buybox** and order block will be generated. On picture below, we have buy order block which is disabled. If we click on BUY button it will enable order block.



**1<sup>st</sup> parameter:** is always **buy** for buybox or **sell** for sellbox

**2<sup>nd</sup> parameter:** number of orders in order block defined with whole number (1, 2, 3, 4) - max 4 orders

**3<sup>d</sup> parameter:** order size defined (min 0.01 and max 10000 lots)

**4<sup>th</sup> parameter:** number of pips for target 1 defined with whole number

**5<sup>th</sup> parameter:** trading box ID (visible in order comment). It is automatically generated with increased number ID

**6<sup>th</sup> parameter:** risk per trading box in percentage % (min 0.01)

**7<sup>th</sup> parameter:** number of pips for target 2 defined with whole number

## 4 TRADING BOX BUTTONS & RISK REWARD CALCULATION

Green colored button means that functionality is ON. Red colored button means that functionality is OFF. Below buttons is Risk Reward calculation for target 1 and target 2 based on your order block size and target.

**SR1** – Sellbox risk reward ratio for TG1 (target 1)

**SR2** – Sellbox risk reward ratio for TG2 (target 2)

**BR1** – Buybox risk reward ratio for TG1 (target 1)

**BR2** – Buybox risk reward ratio for TG2 (target 2)



**SELL** – enable or disable **sellbox** for order execution

**BUY** – enable or disable **buybox** for order execution

**S.n. or B.n.** – enable notification below **sellbox (S.n.)** or above **buybox (B.n.)** and draw silver color horizontal line, which can be dragged up or down. Distance between notification line and order block is set in input variable

**Time** - if this button is red, then trading box is disabled because of time restrictions. If this button is green, then there are no time restrictions and orders in order block can be executed if SELL or BUY button is enabled. This functionality is more precisely described in EA global parameter chapter.

**Clean** – when clicked it deletes all arrows and trendlines, which shows trading history on the chart (entry and exit)

**SC or BC** – when enabled, EA scans for last Bearish (**SC**) or Bullish (**BC**) closed candle with defined size in pips (see EA input parameter section) and send you notification on mobile and alert in MT4. For candle size calculation is used open and close candle price. For M1 or M5 bearish candle detection, high of the candle needs to be inside **sellbox**. For M1 or M5 bullish candle detection, low of the candle needs to be inside **buybox**. This ensures that LTF S&D was created inside HTF S&D (origin of move is inside HTF S&D zone). If EA finds candle it will mark it with vertical line on chart and send you notification.

**+ % or - %** – increases or decreases fixed risk percentage per order block with defined interval in EA input parameters

**SBox or BBox** – changes selected rectangle into **sellbox** or **buybox**

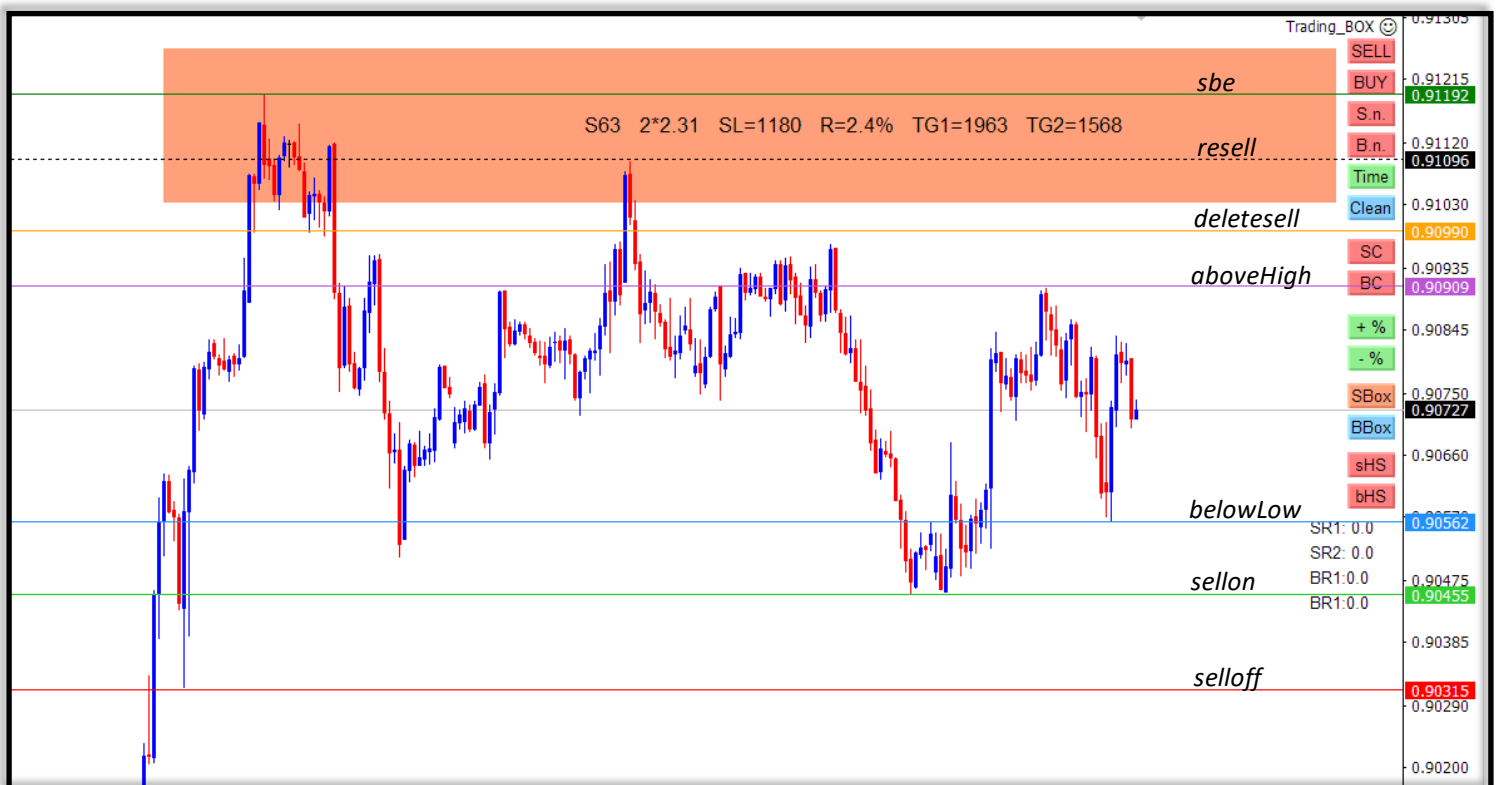
**sHS or bHS** – search for uncompleted Head&Shoulders patterns inside order block on timeframes:

M5, M15, M30, H1, H4, D1 (6 patterns available for recognition)

## 5 TRADING BOX HORIZONTAL LINES

- below\*** horizontal line is used for notifications and alerts below current price when price reaches horizontal line. You can replace \* with any other word or number. This is how you can have unlimited alerts on the chart. For example, you can have alerts below current price named: *below100*, *below2bt*, *belowCP*, *belowFL1*... It is important that first word in horizontal line name is **below**
- above\*** horizontal line is used for notification and alerts above current price when price reaches horizontal line. You can replace \* with any other word or number. This is how you can have unlimited alerts on the chart. For example, you can have alerts above current price named: *above100*, *above2tb*, *aboveCP*, *aboveFL1*... It is important that first word in horizontal line name is **above**
- resell** or **rebuy** horizontal line is used, when you want to reactivate trading box at better price. Line needs to be inside order block
- buyon** or **buyoff** is used when you want to enable or disable buybox at certain price level
- sellon** or **selloff** is used when you want to enable or disable sellbox at certain price level
- scon** or **bcon** horizontal line is used when you want to scan for printed M1 or M5 candles that are bigger than defined in input variable **M1\_candle\_scanner\_pips** and **M5\_candle\_scanner\_pips**. For candle size calculation is used open and close candle price. When this line is hit, it enables SC or BC button. There are 2 conditions for scanning M1 or M5 candle. For sell M1 or M5 candle detection, high of the candle needs to be inside sellbox. For buy M1 or M5 candle detection low of the candle needs to be inside buybox. This ensures that LTF S&D was created inside HTF S&D (origin of move is inside HTF S&D zone). If EA finds candle it mark it with vertical line and send you notification
- deletesell** and **deletebuy** deletes trading box when price touches line
- sbe** and **bbe** will set your trade to breakeven. You must draw this line inside box above or below level you think that is the major resistance/support for price. When this line is broken then TP will be set to breakeven. You have additional option to set breakeven pips in line comment with number of pips. Default is 0 pip for breakeven

On this picture below, I write names above horizontal lines. When you rename horizontal line name it will change color. Just think about how this horizontal lines can automate your trading decisions in front. You set up your strategy and everything else is then automated. You don't need to be behind the charts to capture right price action for your trades. When price touches line, you will get notification about this event (*Alert and push notification on your mobile phone*).



## 6 TRADING BOX INPUT PARAMETERS

I recommend that you set your own EA inputs settings and then save chart template. EA input settings will be saved into your chart template, so that the next time when you open a chart there will already be Trading Box EA with your own settings.



Input Variable	Category	Explanation
max_lot_size	Order block	Maximum position lot size per order
hard_sl	Order Block	Hard SL in pips above sellbox (if EA loses connection)
box_orders	Order Block	Default number of orders in order block (max 4)
box_lots	Order Block	Default lot size per order
box_notification	Order Block	Notification in pips before trading block (S.n. and B.n. button)
box_TG1	Order Block	Default target 1 in pips
box_TG2	Order Block	Default target 2 in pips
Spread_filter_ON	Spread Filter	Enable or disable spread checking before opening order (order is opened if spread is lower than defined for currency pair)
Spread_DEFAULT	Spread Filter	Maximum spread in pips for all other forex pairs which are not listed below
Spread_AUDJPY	Spread Filter	Default setting in pips
Spread_AUDUSD	Spread Filter	Default setting in pips
Spread_EURAUD	Spread Filter	Default setting in pips
Spread_EURCAD	Spread Filter	Default setting in pips
Spread_EURGBP	Spread Filter	Default setting in pips
Spread_EURJPY	Spread Filter	Default setting in pips
Spread_EURUSD	Spread Filter	Default setting in pips
Spread_GBPJPY	Spread Filter	Default setting in pips
Spread_GBPUSD	Spread Filter	Default setting in pips
Spread_NZDJPY	Spread Filter	Default setting in pips
Spread_NZDUSD	Spread Filter	Default setting in pips
Spread_USDCAD	Spread Filter	Default setting in pips
Spread_USDCHF	Spread Filter	Default setting in pips
Spread_USDJPY	Spread Filter	Default setting in pips
Spread_XAUUSD	Spread Filter	Default setting in pips
BrokerLotCommision	Risk calculation	Commission for one lot in deposit currency (used for risk calculations)
fixed_box_percent_ON_OFF	Risk calculation	Enable or disable fixed risk per order block (for example you risk 1.5 % of your trading account for order block)
fixed_box_percent	Risk calculation	Here we define default risk per trading block (order size is automatically adjusted depending on order block size in pips)
fixed_box_percent_interval	Risk calculation	Interval value for increasing/decreasing risk of selected trading box. Interval is set in percent. (Button + % and - %)
ALL_TF_candle_scanner_pips	Candle size detection	EA scan current closed candle if it is bigger than defined in pips in current TF
M1_candle_scanner_pips	Candle size detection	EA scan current M1 closed candle if it is bigger than defined in pips
M5_candle_scanner_pips	Candle size detection	EA scan current M5 closed candle if it is bigger than defined in pips
HS_head_min_MTF	Head&Shoulders	Minimum head size in pips for time frames: M5, M15, M30, H1
HS_head_max_MTF	Head&Shoulders	Maximum head size in pips for time frames: M5, M15, M30, H2
HS_head_min_HTF	Head&Shoulders	Minimum head size in pips for time frames: H4, D1
HS_head_max_HTF	Head&Shoulders	Maximum head size in pips for time frames: H4, D1
HS_ftr_min_MTF	Head&Shoulders	Minimum FTR in pips for time frames: M5, M15, M30, H1
HS_ftr_min_HTF	Head&Shoulders	Minimum FTR in pips for time frames: H4, D1
HS_LS_tail_MTF	Head&Shoulders	Left shoulder tail size in pips for timeframes: M5, M15, M30, H1
HS_LS_tail_HTF	Head&Shoulders	Left shoulder tail size in pips for timeframes: H4, D1

## 7 TRADING BOX GLOBAL VARIABLES

EA uses 4 global variables. **buybox\_counter** and **sellbox\_counter** is automatically created and used for order block ID generation. Every new order block will increase this counter. Global variable **news** and **overnight** is manually created by trader, when he needs to disable trading box in time interval (between times).

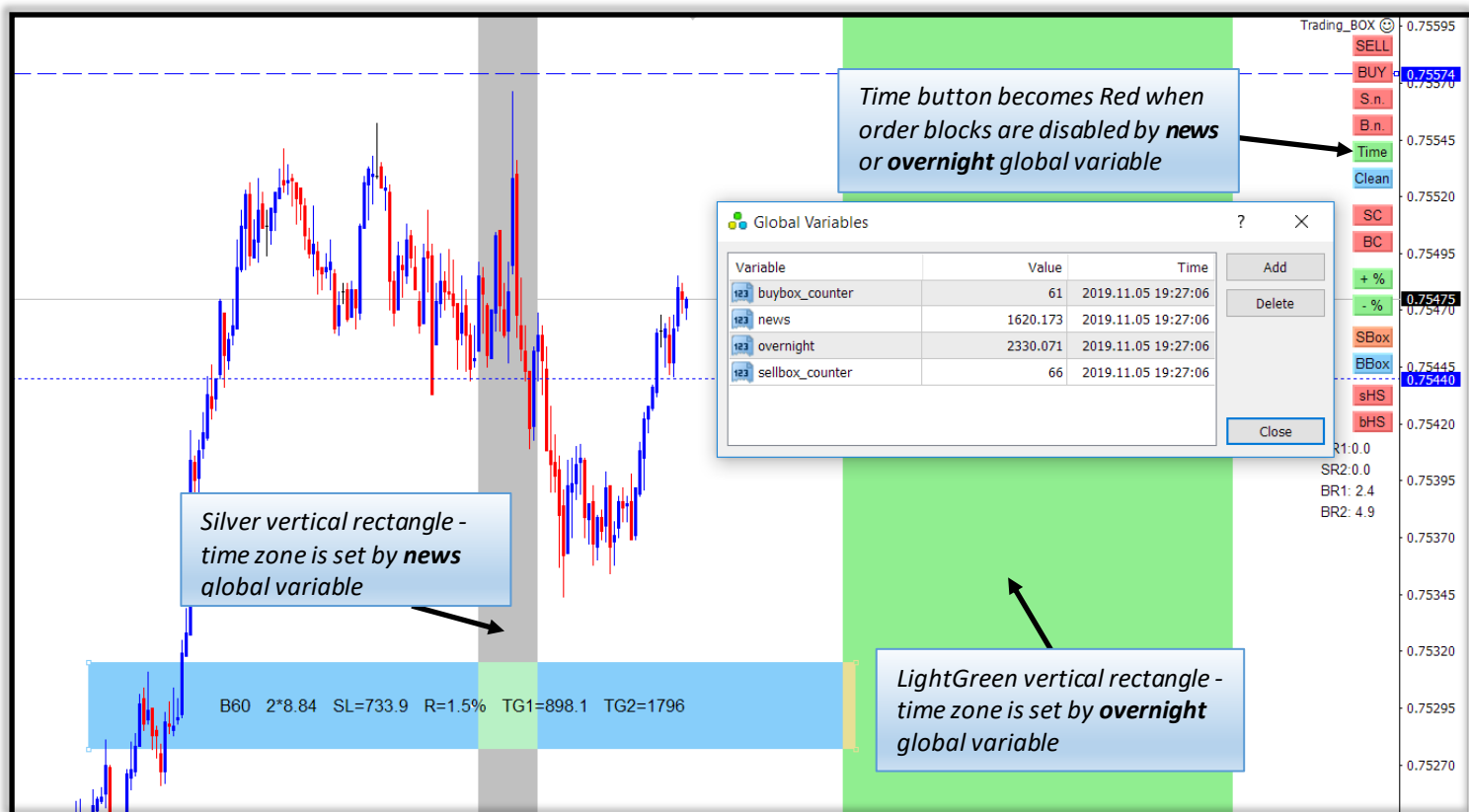
**news** – we enter global variable with Add button. With this variable we define time gap, where EA will not open new orders. We enter time in decimal format XXXX.XXXX. Time gap is shown on the chart with silver rectangle. Inside this rectangle new orders will not be opened. Silver rectangle will not be drawn on the chart if there is no trading box.

Examples for disabling order block:

- from 00:30 to 22:50 we define global variable as 30.2250
- from 03:15 to 14:40 we define global variable as 315.1440
- from 00:05 to 06:00 we define global variable as 5.0600
- from 11:30 to 19:30 we define global variable as 1130.1930
- from 20:00 to 23:30 we define global variable as 2000.2330

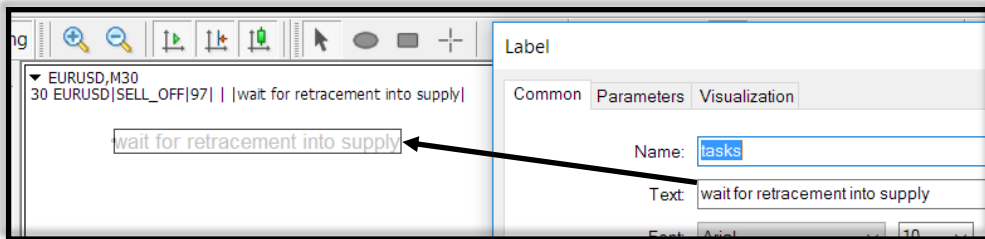
**overnight** – there is the same logic like for **news** variable. If you will go to sleep at 22:00 and you will wake up at 7:35 then set the variable to 2200.0735. Disabled time interval will be drawn with green color if you have order block on chart.

Order blocks will be disabled between this time, so you will have a good night sleep without any stress and with no trade execution.



## 8 TRADING BOX DASHBOARD

Trading box dashboard EA will collect all order blocks from MT4 in one view. Most of the time traders watch only this dashboard and they decide which forex pair they need to watch more closely for opening new trades. If order block is activated, then in list of all order blocks they will have status **SELL\_ON** or **BUY\_ON**. If order block is disabled, then status will be **SELL\_OFF** or **BUY\_OFF**. When **below** or **above** lines will be hit by price, then name of this line will be written under column Action/Signals. This is how you can see all actions from charts. When you write task on your chart, it is visible in column Tasks. On picture below you have an example of task written in Label with name tasks.



Here you can see Trading box dashboard EA on empty chart. It is refreshed every 10 seconds.

A screenshot of the Trading box dashboard EA on an empty chart. The dashboard displays a table of order blocks with columns: Symbol, sellbox, Pips, buybox, Pips, Tasks, and Actions/Signals. The table lists various forex pairs and their corresponding order block data. Annotations include: 'Negative value means that price is inside order block' pointing to a negative pip value; 'Click to sort order blocks descending by pips' pointing to a sort button; 'Names of engulfed above and below lines' pointing to specific order block entries; 'Chart time frame in minutes' pointing to the time frame dropdown; and 'Set all colors to White to create empty chart for Trading box dashboard EA' pointing to the 'Properties of USDZAR,M15' window where all color settings are set to White.

Symbol	sellbox	Pips	buybox	Pips	Tasks	Actions/Signals
240 GBPUSD	SELL_OFF	-101	BUY_ON	595	Task missing... Enter task here!	
15 USDCAD	SELL_OFF	-60	BUY_ON	61	try to wait for perfect PA	
15 USDJPY		0	BUY_ON	106	headge position	
240 AUDJPY		0	BUY_OFF	79	Task missing... Enter task here!	
5 CADCHF		0	BUY_OFF	14	Task missing... Enter task here!	
30 USDJPY	SELL_OFF	4	BUY_ON	105	great approach to the zone	
15 AUDNZD	SELL_OFF	15	BUY_OFF	-7	nothing special in PA	
5 GBPUSD	SELL_OFF	19		0	try to TT if good RR	
1 AUDUSD	SELL_ON					
240 USDCHF	SELL_ON					
240 AUDCHF	SELL_OFF					
30 EURUSD	SELL_ON					
60 EURUSD	SELL_OFF					
240 EURUSD	SELL_ON					
1440 AUDUSD	SELL_ON					
1440 AUDCAD	SELL_OFF					

## 9 CONTACT

If you are forex trader who:

1. Trade without any indicators
2. Use rectangle, trendline and horizontal lines for analysis
3. Trade frequently (at least three trades per week)
4. Understands price movement, liquidity, engulfs, price corrections, fresh orders, price action, fakeouts, support and resistance zones, scales, order flow, consolidations, decisions, symmetry, market manipulations...

If you find yourself in all points above then there is a good chance that you are profitable or at least breakeven trader who needs more discipline and better strategy. If you want to take your trading to the next level with **Trading box EA** then write me on email [mt4tradingboxea@gmail.com](mailto:mt4tradingboxea@gmail.com) and I will send it to you. If you don't understand how markets works then first learn how to read price and why price moves as it moves, because this EA will not help you at all. This is why I don't to share this tool with everyone, because I want to receive only quality feedback and build even better **Trading box EA version 2**.

If you detect any errors or if you want to suggest some other additional functionalities or changes, then please also write me email.

## 10 BEHIND THE SCENE

I put more than 1000 hours into research, development, design and testing (*thanks also to my forex trading team for support and EA quality testing*). Trading box EA started only as notification system but was then extended into professional forex trading tool. There is more than 5000 lines of code written.

Trading box calculations, drawings, notification system, pattern recognition, time interval and candle detection are refreshed every 2 seconds. Order execution and SL functions are run on every tick (*every time when bid or ask price is changed*).

I already started developing Trading box EA for MT5. If you want to use this EA on MT5, then write me so I will see how many people want to use it in MT5.