



Exp - DUPLICATOR

Type: Advisor Utility

Class: Trading Assistant, Utility for Lot, Copying positions, signals, Increasing Lot of Trading Signals.....

Terminals: MT4 and MT5

Links:

- [Buy Duplicator for MT4](#)
- [Buy Duplicator for MT5](#)
- [Download DEMO](#)
- [Forum](#)
- [Vide](#)

Extra Links:

- [Recommended brokers](#)
- [How to install advisor](#)
- [How to test and optimize advisor](#)
- [Solving problems with the advisor. Log Files for MetaTrader 4](#)
- [Solving problems with the advisor. Log Files for MetaTrader 5](#)
- [How to buy and update on the website mql5.com](#)

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Description

Duplicator - Duplication of signals and deals on the MT4 and MT5 terminals

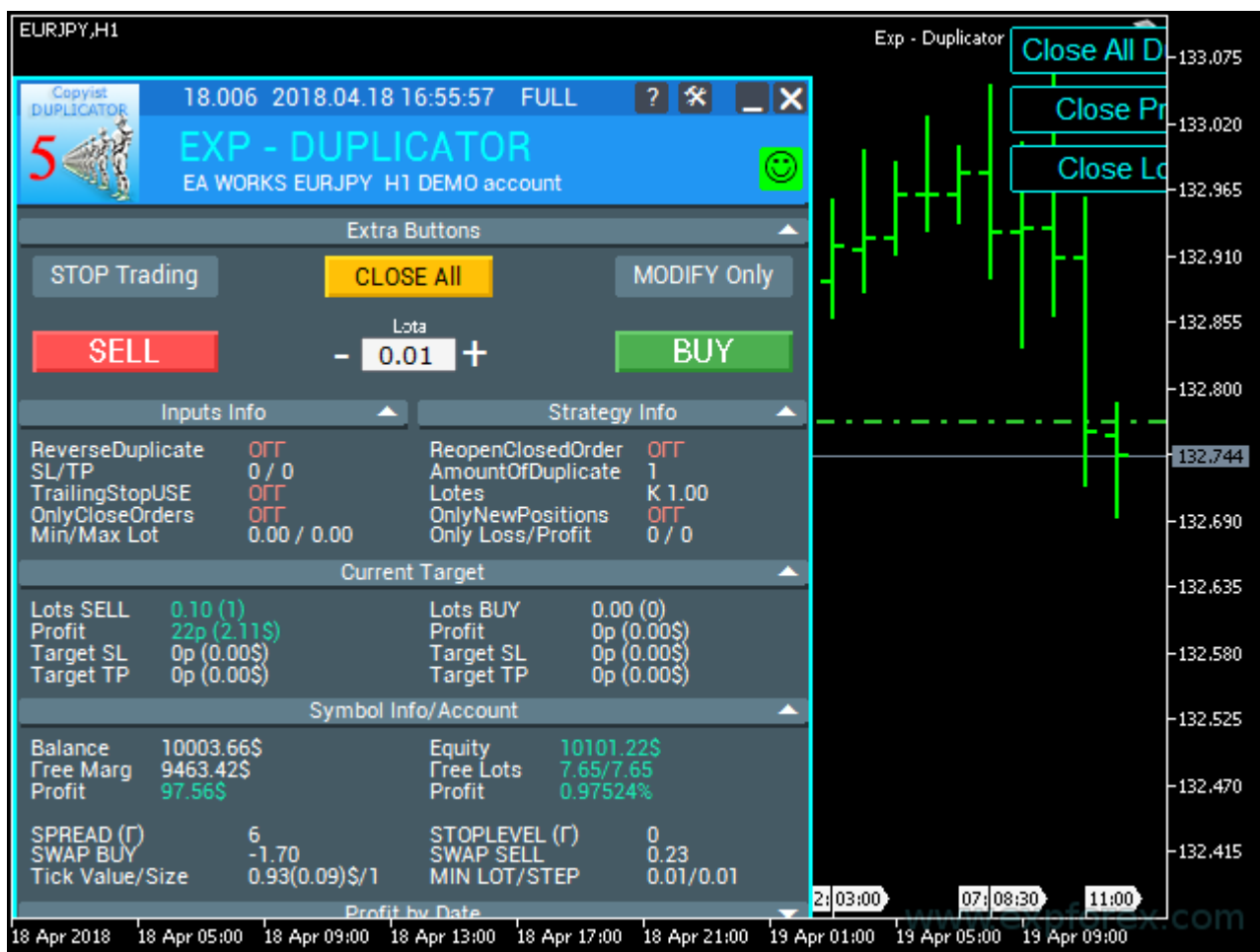
If you continuously use the Signals service to copy trading signals, you are surely faced with the fact, that the lot sizes used for trading between the provider and the subscriber may differ.

A provider can trade too small a lot that does not match the possibilities of your deposit, or vice versa, too large.

1. This utility automatically changes the size of the lot used in the trade.
2. It automatically copies \ duplicates the position from the original position.
3. The position will be copied with the lot multiplier specified in the input parameters.
4. The entire process of opening and closing a position will be performed automatically, depending on the original position.
5. The utility will also automatically copy the stop loss and take profit values.
6. The Expert Advisor repeats all deals on your account the set number of times.

Supports the functions: install your lot in duplicate, duplicate StopLoss, TakeProfit, use trailing stop for duplicated positions, and much more.

Copies all deals that are opened manually or by another Expert Advisor. The ability to increase LOT of signals.



Attention : this is not a copy of deals between terminals. [Copier of deals for MetaTrader](#)



Principle of work of the duplicator expert

Expert Assistant **Exp - Duplicator** duplicates the positions that are currently open in the terminal.

The expert can copy positions on your account.

In the future, the position that you want to duplicate will be called the **source deal (Main)**.

The duplicated position is a **duplicate deal**.

The expert exactly repeats the source specified in the settings number of times.

At the same time, the lot, stoploss, takeprofit is also duplicated.

When modifying the source code on duplicates, the StopLoss and TakeProfit are also changed.

Examples of using:

There are a lot of ways to use this helper. And each trader will have his purposes of using an assistant. I can only give examples of using expert advisor:

1. Let's say that if you have a partner reward system on your account and you get a spread on your account, then this assistant will be very helpful. Of course, you can open a large lot immediately and you will get the same spread in principle. But if there is a minimum number of deals on your account that must be made on the account, then the assistant **Exp - Duplicator** This will help you. A broker where you can use this helper, as well as the most **honest broker** here.
2. Your expert advisor makes deals with lot 0.1, you can take his deal and duplicate for example 5 times with the lot of each duplicate 0.5. In this case, all other parameters remain the same. When you close the source, your duplicates also close.
3. You participate in the competition, where you must make at least 100 deals. But your signals can only sound 10 times. Those. 10 deals.
You can set up your expert to open 1 deal with lot 1, and **Exp - Duplicator** duplicated each trade 10 times with lot 2. This will increase the number of deals. Without losing the quality of your signals
4. The method is not quite correct, but if your expert advisor can make a deal with a maximum lot of 0.01, then **Exp - Duplicator** can duplicate a deal 1 time but with a lot of 0.5
5. When your expert advisor makes deals with your StopLoss TakeProfit - **Exp - Duplicator** It also duplicates deals but with its own Stoploss Takeprofit. And also can include a trailing stop on its duplicates.

Ордер	Время	Тип	Объем	Символ	Цена	S / L	T / P	Цена	Комиссия	Налоги	Своп	Прибыль
414188459	2017.07.26 11:39:02	sell	0.01	eurusd	1.16188	1.16400	1.15700	1.16195	0.00	0.00	0.00	-7 ✕
414188462	2017.07.26 11:39:03	buy	0.01	eurusd	1.16200	1.15965	1.16687	1.16184	0.00	0.00	0.00	-16 ✕
414188480	2017.07.26 11:39:13	buy	0.01	eurusd	1.16203	1.15992	1.16692	1.16184	0.00	0.00	0.00	-19 ✕
414188481	2017.07.26 11:39:14	sell	0.01	eurusd	1.16193	1.16425	1.15703	1.16195	0.00	0.00	0.00	-2 ✕
Баланс: 4 881.53 USD Средства: 4 881.09 Маржа: 4.65 Свободная маржа: 4 876.44 Уровень: 105018.46%												-0.44

Question Answer on the program

Can I use several Duplicator EAs on the same terminal (on different charts of course) ?

To do this, you need to tell the duplicator - which magic number to copy.

By default, it copies all DEALS.

MagicToDuplication = Set Please MagicNumber to Duplicate!

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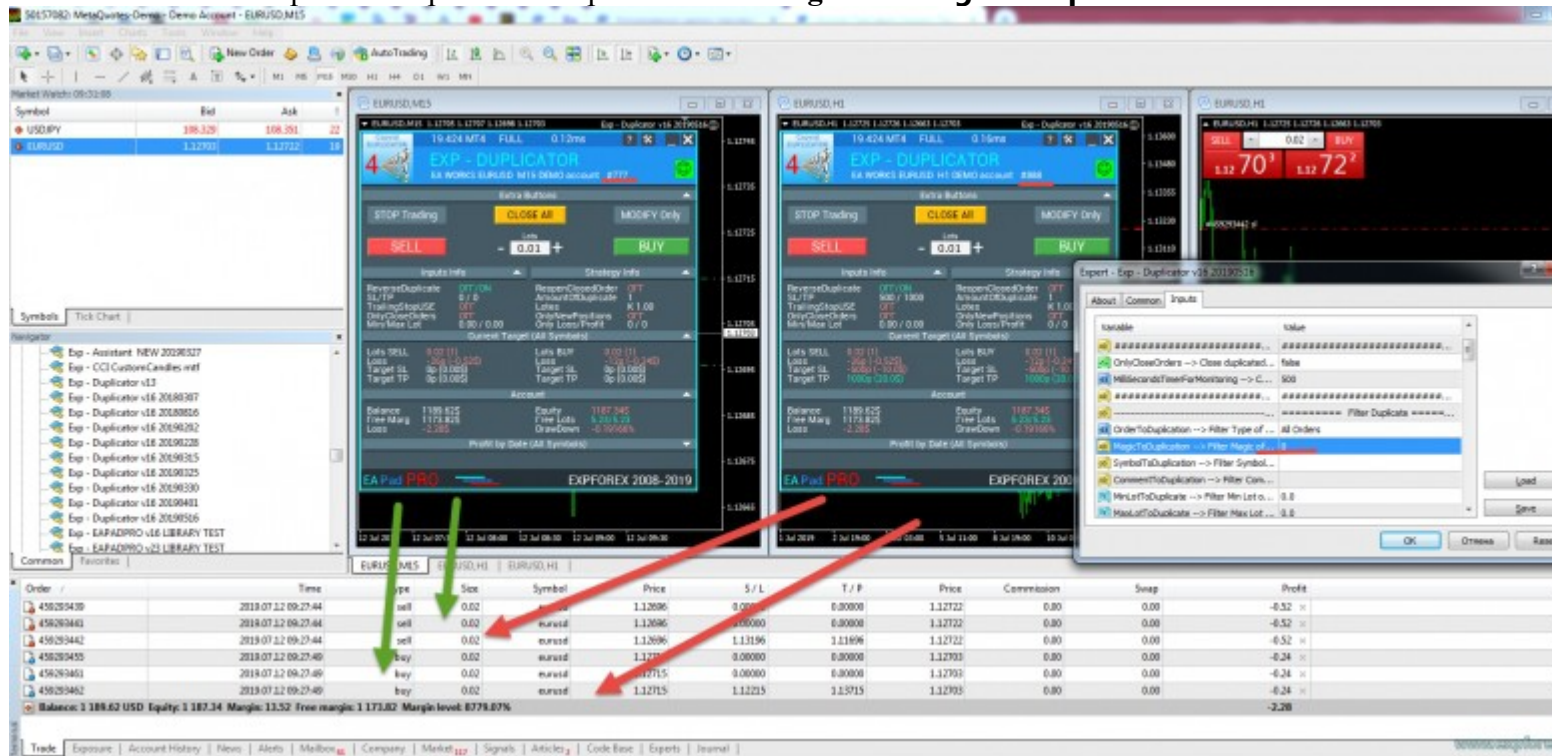
If you leave -1, then my program will infinitely duplicate all positions!

If YOU install on different graphs, then you need to change the magic number (**Magic**) of each duplicator.

What I've done:

Forced to follow only **MagicToDuplication** = 0. I installed a duplicator on different graphs with different magic number Magic = 777 and 888

1. Open a position with a magic number = 0 (Manual positions).
2. If you duplicate signals, then you need to find out the magic number of signals. To do this, point to any position that was opened from the service signals and write down this number Magic in tooltip.
3. The first duplicator duplicates this position with **magic 777 MagicToDuplication** = 0.
4. The second duplicator duplicates this position with **magic 888 MagicToDuplication** = 0.



If you duplicate signals, then you need to find out the magic number of signals.

To do this, point to any position that was opened from the service signals and write down this number Magic in tooltip **Expert ID**.

Order /	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Swap	Profit	
267177339	2020.03.23 15:26:16	sell	0.01	eurusd	1.07578	0.00000	0.00000	1.07679	0.00	-101	✓
Balance: 1 630.12 USD Equity: 1 629.08 Margin: 2.15 Free margin: 1 626.93 M...											REAL 100 MetaTrader 4 Tr
#267177339, Placed by signal, Expert id 707456											-1.04

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Can I use Duplicator also to duplicate another Duplicator on the same terminal?

You can see how I did it.

1. Open a position with a magic number = 0 (Manual positions).
2. The first duplicator duplicates this position with **magic 777 MagicToDuplication = 0**.
3. The second duplicator duplicates this position with **magic 888 MagicToDuplication = 777**.

The screenshot displays the MetaTrader 4 interface with several windows open. The 'Terminal' window at the bottom shows a list of orders, including a 'sell' order for 'eurusd' at price 1.12687. The 'Expert Advisor' window for 'EXP - DUPLICATOR' is open, showing settings for 'MagicToDuplication' set to 777. The 'Inputs' window for 'EXP - DUPLICATOR' is also open, showing various parameters like 'Lots', 'Lots Buy', and 'Lots Sell'. A green arrow points from the 'MagicToDuplication' setting in the 'Inputs' window to the 'MagicToDuplication' setting in the 'Expert Advisor' window. Another green arrow points from the 'MagicToDuplication' setting in the 'Expert Advisor' window to the 'MagicToDuplication' setting in the 'Terminal' window. The 'Terminal' window also shows a 'sell' order for 'eurusd' at price 1.12687, which is the result of the duplication process.

How to duplicate only the deals (positions) opened by signal from MQL5 Signals, how to check magic number of positions opened by the signal?

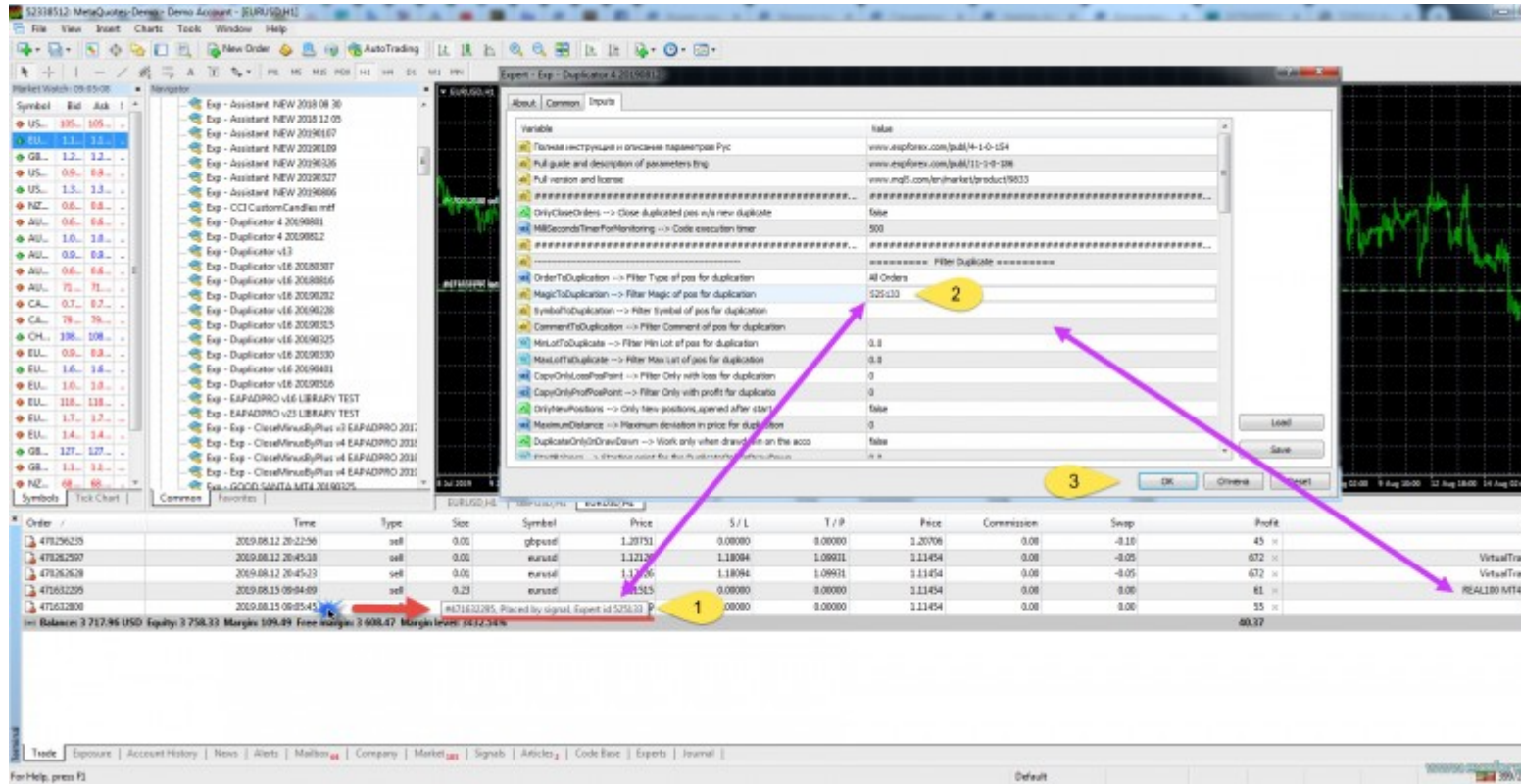
When you connect a signal, the Terminal opens a position from a signal with a magic number.

To check magic number or ID of positions that are open at a signal, you need to move the mouse cursor to the position signal.

ID - it's the magic number.

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This magic number you can set in the settings duplicator **MagicToDuplication** :



You can also specify a comment of signals in **CommentToDuplication**: **REAL100 MT4 GoodSanta**

External Variables and Settings

The expert can be customized to suit your needs. To start working, you must specify the types of duplicate positions and orders in the first settings.

Name	Description
OrderToDuplication	type of order for duplication: <ol style="list-style-type: none"> 0 = BUY - only a buy position; 1 = SELL - only sell position; 3. All Orders - all positions and orders. 4. All_BUYSELL = -2, - All positions 5. All_STOPLIMIT = -3, - All orders 6. BUYLIMIT = 2, 7. SELLLIMIT = 3, 8. BUYSTOP = 4,

Name	Description
	9. SELLSTOP = 5
MagikToDuplication	<p>magic number of order for duplication, magic numbers can be specified separated by commas:</p> <ol style="list-style-type: none"> 1. 0 - orders opened manually; 2. 123,345,147 - all positions with magic numbers 123,345,147; 3. -1 - all magic numbers without exception. <p>Where can I find the magic number to duplicate the signal?</p> <p>You can move the cursor to a position opened by a signal, and a magic number pop-up will appear.</p>
SymbolToDuplication	<p>the order symbol for duplication:</p> <ol style="list-style-type: none"> 1. Empty - all positions and orders of all symbols are duplicated; 2. 0 - only the current character; 3. EURUSD - only positions and orders with the symbol EURUSD are duplicated.
OnlyCloseOrders	<p>The option is allowing the EA only to close already duplicated positions.</p> <p>If the signal provider starts to go into a drawdown noticeably, then the deposit may not survive.</p> <p>In the most stressful situations, you can generally turn off duplication (OnlyCloseOrders = true) and do not open new duplicate orders, so as not to overload the deposit.</p> <p>The expert advisor stops opening new positions, but at the same time, closes the positions opened earlier if the signal provider closes their original (leading) position.</p>
MillisecondsTimerForMonitoring	<p>The parameter of calculating the Expert Advisor in milliseconds MilliSecondsTimerForMonitoring is added.</p> <p>MillisecondsTimerForMonitoring = 500 means that the EA checks all deals every half a second.</p>
CommentToDuplication	<p>Filter Duplicate</p> <p>Comment Filter for duplication.</p> <p>Our program will duplicate only those positions and orders in</p>

Name	Description
	<p>which CommentToDuplication is written in the comment!</p> <p>If CommentToDuplication = null, then the program duplicates all the positions!</p> <p>You can specify a comment for the deals for duplication. For example, CommentToDuplication = "The X" - then the EA will duplicate only those deals that are opened with the comment "The X"</p> <p>You can also enter part of the comment deal. for example, comments on your deals: TickSniper 1, TickSniper 2, TickSniper 3, You can enter CommentToDuplication = "TickSniper", then all deals where the comment has the word TickSniper will be duplicated on the account.</p>
MinLotToDuplicate	<p>A minimal lot, for deals to be duplicated. for example MinLotToDuplicate = 0.1 - The duplicator will duplicate positions that are higher or equal to lot 0.1</p>
MaxLotToDuplicate	<p>A maximum lot, for deals to be duplicated. for example MaxLotToDuplicate = 1.2 - The duplicator will duplicate positions that are below or equal to lot 1.2</p>
CopyOnlyLossPosPoint	<p>Duplication of only those positions that are less than the permanent loss in points (indicated with a minus sign), 0 - disabled. You can set 30. It will mean 30 points of loss.</p>
CopyOnlyProfPosPoint	<p>Duplication of only those positions that are greater than the set profit in points, 0 is disabled.</p>
OnlyNewPositions	<p>Duplicate only new positions. New positions are those positions that were opened after the duplicator was launched.</p>
MaximumDistance	<p>The maximum deviation in the price for duplication, If 0 - then duplicates at any time,</p>

Name	Description
	<p>If more than 0 - then the deviation between the current price and the price of the source code is no more than the set points;</p> <p>The deviation is considered in both directions. e.g.: MaximumDistance = 10, Current price = 1,12345 Only those positions will be duplicated, the opening price of which is within the limits of 1,12335-1,12355</p>

<p>DuplicateOnlyInDrawDown</p> <p><u>(MT4 only)</u></p>	<p>Advisor's work only when there is a drawdown on the account. Drawdown is calculated from the Maximum fixed balance of the account. Or you can specify the Balance, from which the calculation is made in the variable StartBalance. 0 means that the EA automatically calculates the maximum balance of the account.</p> <p>When this function is enabled, the following occurs: Duplication starts only when the balance (AccountBalance ()) has decreased. At the same time, when the balance is restored, duplication of new orders stops until a new drawdown occurs. If the balance sheet has grown, then the drawdown is taken from the new maximum level. Those. in other words, we start duplicating new orders (from the moment of drawdown on the balance sheet) only when there were closings in the negative.</p>
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<p>StartBalance</p> <p><u>(MT4 only)</u></p>	<p>The starting point for the function DuplicateOnlyInDrawDown</p>
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<p>DrawDownPercent</p> <p><u>(MT4 only)</u></p>	<p>Percentage for DuplicateOnlyInDrawDown!</p>
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Settings Duplicate	
<p>ReopenClosedDuplicateOrder</p>	<p>Parameter ReopenClosedDuplicateOrder, which allows you to rediscover duplicate orders if they were closed on a stop-loss or manually. If true, all master positions will be duplicated. If any position of the duplicate has been closed, the Expert Advisor will repeat it.</p> <p>Our adviser will open closed positions again if the main position is still open. If false, if the duplicated position has been closed, the Expert Advisor will no longer open it.</p>

ReverseDuplicate

Name	Description
ReverseSLTP (MT4 only)	<p>Reverse the duplicate type.</p> <p>For example: ReverseDuplicate = true position Source BUY = position duplicate SELL</p> <p>Turn stop-loss and take-profit for the reverse of deals:</p> <p>ReverseSLTP = true When you duplicate and reverse the deal from the main deal, the stop-loss / take-profit rolls over on the duplicator e.g.: on the main SELL deal with a stop loss = 100 points, take-profit = 300 points. The duplicator is duplicated: BUY with a stop-loss of 300 points and take-profit = 100 points.</p> <p>ReverseSLTP = false When you duplicate and reverse the deal from the main deal, the stop-loss / take-profit does not roll over on the duplicator, but it is set with stop sizes on the master, eg: on the main SELL deal with a stop loss = 100 points, take-profit = 300 points. The duplicator is duplicated: BUY with a stop loss of 100 points and take-profit = 300 points.</p>
StopLossDuplicate	<p>The stop-loss level of the duplicate in points. if 0, then duplicates the stop-loss of the source or its value;</p> <p>If -1, then STOPLOSS will not be copied to the main position. The duplicate position will be set to STOPLOSS = 0;</p>
TakeProfitDuplicate	<p>The level of the take-profit of the duplicate in points. if 0, then the expert advisor duplicates the take-profit of the source or its value;</p> <p>If -1, then TAKEPROFIT will not be copied to the main position. The duplicate position will be set to TAKEPROFIT= 0;</p>
ModifySLTPfromMainPosition	<p>Change StopLoss and TakeProfit by the levels of the main position. If ModifySLTPfromMainPosition = true, then our program will modify StopLoss and TakeProfit every time StopLoss and TakeProfit change in the main position. If ModifySLTPfromMainPosition = false, then our program will set StopLoss and TakeProfit only when opening a position and will not change these levels.</p> <p>Attention!</p>

Name	Description
	<p>Change is possible only when the current stop loss for SELL is higher than the opening price of the position.</p> <p>Change is possible only when the current stop loss for BUY is lower than the opening price of a position.</p> <p>This is done in order not to change the stop loss if it is already in profit. (Work breakeven or trailing stop)</p> <p>If the TrailingStopUSE (false) is disabled in our program, then the stop loss and take profit always changes!</p>
CloseDeleteDuplicate	<p>Delete and close positions and duplicate orders when closing the source.</p> <p>When the position of the source is closed, the duplicate position is also closed.</p>
CloseOriginalifDuplicationCloseinProfit (MT4 only)	<p>Closing the slave position if the duplicated position was closed in profit.</p> <p>Overlapping the profits of the duplicated and led position. For example, if you set ReverseDuplicate = true and CoefficientLotDuplicate = 2, then when you open the following position, the Expert Advisor duplicates it with a coup and a double lot.</p> <p>Further, if the duplicated position of the duplicate is closed in profits, and this profit will block the loss of the slave position, the EA will close the led position.</p> <p>An Original position can be closed only when the closed duplicate position has more profit than the original position.</p>
CloseOriginalifDuplicationClosed (MT4 only)	<p>Close the source position (original position) if the duplicate position was closed.</p>
AmountOfDuplicate	<p>The number of duplicates.</p> <p>The adviser can open several duplicate positions on one main position at once.</p> <p>For example: AmountOfDuplicate = 1 Position source 1, duplicate 1 AmountOfDuplicate = 3 Position source 1, duplicate 3</p>

Lots Settings

LotDuplicate

Name	Description
	Lot of duplicates. You can set your fixed lot, which will be opened when duplicating. Or put on 0 - then all the duplicates will be with the same lot as your positions.
CoefficientLotDuplicate	the coefficient of the duplicate lot if 0 - then without the coefficient; For example : CoefficientLotDuplicate= 1 Lot of source = 0.1 Lot of duplicate = 0.1 CoefficientLotDuplicate= 2 Lot of source = 0.1 Lot of duplicate = 0.2 Lot of source = 0.7 Lot of duplicate = 1.4 CoefficientLotDuplicate= 0.5 Lot of source = 0.1 Lot of duplicate = 0.05 Lot of source = 0.7 Duplicate = 0.35
DynamicLot	It allows Enabling dynamic lot calculation in percent of free margin and other factors. Calculation of our autolot.
LotBalancePcnt	The percentage for the dynamic lot.
RiskRate	the rate of your currency against the dollar. By default, RiskRate = 0 - means that the Expert Advisor will try to find the correct rate in the Market Review. For Autolot to work adequately with all currency pairs, you need to include the " Show all currency pairs " in the Market Watch .
Spread LIMIT Sets	
MaxSpreadToNotTrade	Maximum spread at which the EA can duplicate positions.
MinSpreadToNotTrade	Minimum spread , in which the EA can duplicate positions.
Other settings	
MarketWatch	For open positions with stop-loss / take-profit on an account with MARKET execution. The first opens the position, after the successful opening, the levels of StopLoss and TakeProfit are modified.
Magic	The magic number of the duplicate deals.
Slippage	

Name	Description
	<p>The level of the maximum possible use in points when opening and closing positions.</p> <p>Example: Slippage = 1 Maximum deviation when opening a position = Opening price + -1 point. Slippage = 100 Maximum deviation when opening a position = Opening price + -100 point. For example, the price of opening a position when sending an order to the server = 1.12345 But, if during the time of sending and opening a position the price has changed within 100 points, then the position will open with the use of within 1.12245 - 1.12445</p>
Trailing stop settings	
TrailingStopUSE	Enabling the standard Trailing Stop for duplicate positions.
TrailingStop	Trailing stop distance
TrailingStep	Step for Trailing stop
Breakeven	
	Breakeven or stop-loss to breakeven!
Breakeven	True - enable breakeven!
Levelwloss	Set StopLoss at LevelWLoss points to profit
Levelprofit	when the price reaches LevelProfit profit points.
Duplicate TPWCM EXTRA SETS Stops when Original Close Pos	
TPWCM_Use <u>(MT4 only)</u>	<p>TPWCM EXTRA SETS Stops when Master Close Pos</p> <p>When the block is turned on: If the position closes on the source, the position will not be closed on the duplicator. Instead, a duplicate for this position includes a trailing stop or break-even.</p> <p>, instead of closing on the duplicator, you have the opportunity to include a trailing stop and accompany the position further.</p> <p>Trailing stop settings, in this case, are separate. And it is included only when this position is closed on the source.</p> <p>Warning: This function automatically turns off the function CloseDeleteDuplicate</p> <p>The TPWCM block works after the original (source) position is closed, but the duplicate position will not be closed, and a stop loss /</p>

Name	Description
	take profit/trailing stop will be installed on it
TPWCM_TakeProfitWhenCloseMaster	<p>the parameter of setting the take-profit for duplicate deals, which remain after the source code is closed;</p> <p>After closing the deal on the source - there is an opportunity, without closing the deal on the duplicator, to establish a take-profit from the closing price of the deal on the source;</p>
TPWCM_TakeProfitOnlyToProfitZone	<p>When it is turned on, the Expert Advisor puts the Take Profit, after closing the deal on the source, only in the positive zone.</p> <p>And if after the close on the source deal in the red - then take will not be delivered until it is in the black;</p> <p>If you turn off false - the Expert Advisor will provide the take in any case, even in the negative zone.</p> <p>If, for example, a position at a loss of -30 points and you set a take profit = 10 points and TPWCM_TakeProfitOnlyToProfitZone=false, then when you close the source position, the take profit will be set to the level of -20 points (loss).</p> <p><u>If TPWCM_TakeProfitOnlyToProfitZone=true This function sets take profit only when the take profit level is in profit.</u></p>
TPWCM_StopLossWhenCloseMaster	<p>the stop-loss setting for duplicate deals that remain after the source is closed;</p>
TPWCM_TrailingStopUSE	<p>Enable trailing stop / Break-even deal of the duplicator, after closing of the source deals;</p> <p>difference between TrailingStopUSE and TPWCM_TrailingStopUSE:</p> <p>TrailingStopUSE is always used. That is, it works continuously. If you turn it on, then duplicate trades will always be with a trailing stop.</p> <p>TPWCM_TrailingStopUS is enabled only when the original position is closed. Only then the position of the duplicate will have a trailing stop.</p> <p>Trailing stop works only in the positive zone. It means. That trailing stop starts to work only when the position already has a profit of TPWCM_TrailingStop points</p>
TPWCM_TrailingStop	

Name	Description
	Trailingstop distance ;
TPWCM_TrailingStep	Step trailing stop;
TPWCM_BreakEven	break-even on the duplicator's deals, after closing the deals of the source
TPWCM_LevelWLoss	Set stop loss at the opening price level + - TPWCM_LevelWLoss points;
TPWCM_LevelProfit	Set break-even when the position in the profit TPWCM_LevelProfit points;

Additional options for MT5

TypeFilling

(MT5 only)

The type of fill positions and orders.

It is used for MT5 terminal.

In AUTO mode, the Expert Advisor tries to determine the fill type automatically. But, in some situations, you need to set the fill type yourself.

If you get an error when opening a position 10030 TRADE_RETCODE_INVALID_FILL An unsupported type of execution of the remainder order is indicated. Set the type of fill that your broker indicates.

Example:

FillOrKill

This execution policy means that the order can be executed only in the specified amount. If the market currently does not have a sufficient amount of a financial instrument, then the order will not be executed. The required volume can be made up of several offers available at the moment in the market.

ImmediateOrCancel

It means the agreement to make a deal on the maximum available volume on the market within limits specified in the warrant. In case of impossibility of full execution, the order will be executed for an accessible volume, and the unexecuted order volume will be canceled.

Return

This mode is used for market, limit, and stop-limit orders, and only in the modes "Market Execution" and "Stock Execution". In case of partial execution, a market or limit order with a residual volume is not withdrawn but continues to operate.

Name	Description
RoundingDigits	<p>For stop-limit orders, the corresponding limit order with the execution type Return will be created upon activation.</p> <p>We are rounding all prices when opening and modifying orders and positions.</p> <p>Choices:</p> <ol style="list-style-type: none"> 1. No rounding, 2. rounding up to 1 digit, 3. Rounding up to 2 digits. <p>The option is designed for Gold and Silver, as well as for brokers, where a specified accuracy of ticks is given.</p> <p>Example: Order setting price = 1.12345 Rounding to 1 digit = 1.12340 Rounding up to 2 digits = 1.12300</p>