

# McDuckEA – Forex Expert Advisor

Version 2. March, 2020.

**McDuckEA** (McDuck) – a very aggressive EA that works on a martingale strategy. McDuck EA can averaged not only their orders, but other orders opened by another EA or opened by the trader manually. To do this, simply set in EA the magic number -1 (minus one).  
The EA McDuck will be interesting for both beginners and experienced traders.

## Features McDuckEA

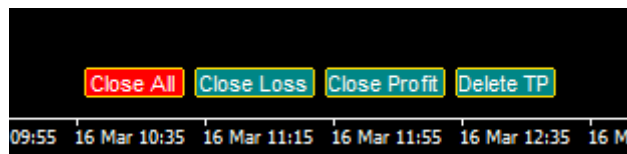
- selection of lots for averaging: standard, economical, same;
- you can use the moving average as a filter when opening martingale orders;
- can average other, "not their" orders including those opened by the trader manually;
- control over the use of Free margin, in case of excess - stop trading;
- your Stop Out, when reached, closes all orders and stops working until the next H4 bar opens;
- limit on the number of open orders;
- restriction on the total lot size of all open orders of one direction;
- trailing stop;
- stop trading for a while (during the release of important news);
- single stop loss level for all orders;
- "hot buttons" to quickly close all open positions on a currency pair;
- works on both dollar (USD) and ruble accounts (RUR);
- works on accounts with quotes of 4 and 5 decimal places and on cent accounts.

## Importantly!

Before starting the EA on a real account, first optimize it in the MT4 strategy tester on historical data of your broker. How to optimize the EA see here <https://www.mql5.com/en/articles/1385>

## Hot buttons

Hot buttons are designed for quick execution of one command. After pressing the button, its color changes, and the button is blocking, when pressed again, removed the blocking and leads to the original state of the button. Any press of the button EA fixes in its log, you can see the current position of the button on the tab "Experts". You can also unblock the button using the new initialization of the EA (for example, switching to another timeframe). In this case, you do not need to press anything, the blocking is removed automatically.



**Close All** – closes absolutely all open orders on the current currency pair and removes all pending orders regardless of the magic number.

**Close Loss** – closes only orders with loss on the current currency pair.

**Close Profit** – closes only orders with profit on the current currency pair.

**Delete TP** – delete take profit from all orders of the current currency pair.

## External variables

**Block 1 «GENERAL SETTINGS»**

**Block 2 «MARTINGALE PARAMETRS»**

**Block 3 «TREND INDICATOR»**

**Block 4 «OTHER SETTINGS»**

## Block 1. GENERAL SETTINGS

Expert - McDuckEA

About Common Inputs

Variable	Value
ab 1. GENERAL SETTINGS	
Allow opening orders	true
123 Magic Number (automatic)	0
123 Positions:	Long & Short
123 Timeframe for trading:	5 Minutes
1/2 Initial lot in the series	0.01
1/2 Take Profit for one order	5.0
1/2 Stop Loss	0.0
1/2 Minimal profit for martingale	4.0
Use MA as a trend indicator	true
1/2 Stop Out %, close all orders	90.0
1/2 Free margin limit in percent	80.0
1/2 Trailing stop level	10.0
1/2 Step trailing stop	1.0
Stop work by time	true
ab Start of shutdown	15:00
ab End of shutdown	16:00
123 Slippage	3

Load Save

OK Отмена Reset

**Allow opening orders** = true, if you select false, then the adviser will no longer open new orders.

**Magic Number (automatic)** = 0 - allows you to specify the EA, which orders (with which magic number) it needs to track. If the magic number = 0, the EA automatically creates the original magic number, which will differ depending on the currency pair and the timeframe on which it is set. Instead of zero, you can set your magic number. If the magic number is set to -1, the EA will average not only its orders, but also all other orders for this currency pair, including those opened manually by the trader.

### Positions:

- **Long only** - open and trail only buy orders;
- **Short only** - open and trail only sell orders;
- **Long & Short** - for orders of all directions.

123 Magic Number (automatic)	0
123 Positions:	Long & Short
123 Timeframe for trading	Long only
1/2 Initial lot in the series	Short only
1/2 Take Profit for one order	Long & Short
	5.0

**Timeframe for trading:** M5 - the timeframe for opening the first order.

**Initial lot in the series** = 0.01 - the volume of the first lot in the series.

**Take Profit for one order** = 5.0 - the size of the take profit if open only one order.

**Stop Loss** = 0.

**Minimal profit for martingale** = 4.0 - take profit level for quick closing martingale orders.

**Use MA as a trend indicator** = true.

**Stop Out %, close all orders** = 90.0 - the level of drawdown in percentage relative to the account Balance, (on Equity) after which all orders on the current currency pair are closed the EA is suspended until a new H4 bar is opened.

**Free margin limit in percent** = 80.0 - the percentage limit on the use of Free margin after which the EA will no longer open new orders, but all other functions of the EA will continue to work.

By this indicator, you can control how much free money is left to open new orders. If the level of use of Free margin has reached 80 % - it means that already 80 % of your funds in margin and you should think about additional replenishment of your account.

**Trailing stop level** = 10.0.

**Step trailing stop** = 1.0.

**Stop work by time** = true - the EA stops working for a while (at the time of news release), during this period the EA will not open new orders.

**Start of shutdown** = 15 : 00 - the start stop time can be set in hours and minutes.

**End of shutdown** = 16 : 00 - you can set the end time of the work break in hours and minutes.

**Slippage** = 3 - the level of slippage in points on the volatile market it is better to increase.

## Block 2. MARTINGALE PARAMETERS

Variable	Value
ab * * *	
ab ____2. MARTINGALE PARAMETERS____	
123 Lots for martingale:	Standard
1/2 Multiplier	1.5
1/2 Step between orders	2.0
123 Maximum number of orders	30
1/2 Maximum amount of lots	100.0
ab * * *	

Buttons: Load, Save, OK, Отмена, Reset

### Lots for martingale:

- **Standard** - regular, standard lots with multiplication of the previous lot by a multiplier;
- **Economical** - the method of Economic lots: 0.01 = 3, 0.02 = 3, 0.03 = 2, 0.05 = 2, 0.08 = 2, and subsequent orders are increased by a multiplier, as usual;
- **Same** - the volume of all lots is equal to the volume of the first order's lot.

ab ____2. MARTINGALE PARAMETERS____	
123 Lots for martingale:	Standard
1/2 Multiplier	Standard
1/2 Step between orders	Economical
123 Maximum number of orders	Same
	30

Buttons: Load

**Multiplier** = 1.5 - martingale coefficient, the increase in the lot volume of the subsequent order by a given coefficient. If the multiplier = 1.0, then the EA will place orders only with a lot equal to the lot volume of the first order.

**Step between orders** = 2.0 - step (distance) in points between martingale orders.

**Maximum number of orders** = 30 - the maximum number of orders that the EA can open.

**Maximum amount of lots** = 100 - limit on the total volume of all lots, open orders, one direction.

### Block 3. TREND INDICATOR

ab	___3. TREND INDICATOR___	
123	Timeframe for MA:	5 Minutes
123	MA period	21
123	MA shift	0
123	MA method:	Exponential
123	MA applied price:	Close price
ab	* * *	

**Timeframe for indicators:** = «M5» - select the timeframe of indicators, both for opening the first order and for subsequent orders with averaging. Use the mouse to select the desired timeframe from the drop-down menu. If you select "current", the indicators will automatically be adjusted for the period of the chart, which is currently set in the open terminal window.

ab	___3. TREND INDICATOR___	
123	Timeframe for MA:	5 Minutes ▾
123	MA period	current
123	MA shift	1 Minute
123	MA method:	5 Minutes
123	MA applied price:	15 Minutes
ab	* * *	
ab	___4. OTHER SETTINGS___	
123	Language info panel	30 Minutes
123	Background graphics	1 Hour
		4 Hours
		1 Day
		1 Week
		1 Month
		Light

**MA period** = 21.

**MA shift** = 0.

**MA method:** = Exponential.

123	MA shift	0
123	MA method:	Exponential ▾
123	MA applied price:	Simple
ab	* * *	
ab	___4. OTHER SETTINGS___	
123	Language info panel	Exponential
		Smoothed
		Linear weighted
		English

**MA applied price:** = Close price.

123 MA shift	0
123 MA method:	Exponential
123 MA applied price:	Close price
ab * * *	Close price
ab ____ 4. OTHER SETTINGS ____	Open price
123 Language info panel	High price
123 Background graphics	Low price
123 Show options panel	Median price
	Typical price
	Weighted price

**Importantly!** The moving average indicates directions only for opening martingale orders. The opening of the first order in the series is different. If the price is higher than MA, a sell order will be opened and vice versa if the price is lower than MA, a buy order will be opened.

## Block 4. OTHER SETTINGS

ab ____ 4. OTHER SETTINGS ____	
123 Language info panel	English
123 Background graphics	Light
123 Show options panel	true
123 Show hot buttons	true
123 Delete objects in minutes	5
ab * * *	

**Language info panel** = English - switch the language on the info panel can be Russian or English.

ab ____ 4. OTHER SETTINGS ____	
123 Language info panel	English
123 Background graphics	English
123 Show options panel	Russian
	true

**Background graphics** = Dark1 - selects the color background of the chart Dark1 or Dark2 and Light.

123 Language info panel	English
123 Background graphics	Light
123 Show options panel	Light
123 Show hot buttons	Dark 1
123 Delete objects in minutes	Dark 2
	5

**Show options panel** = true - displays textual information about the financial status of the account and currently active commands on the chart, if false, it does not show messages.

**Show hot buttons** = true - yes, show, false - no, do not show, "hot buttons" in the strategy tester do not work!

**Delete objects in minutes** = 5 - clears the chart from unnecessary graphical objects (arrows, modified stop-loss and take-profit levels, etc.) in a certain period of time set in minutes passed from the moment, when an object is created