



トヤマト

Toyamoto Breakout Zone

Breakout signal indicator with 16 strategies

User manual · Indicator · MetaTrader 4 / MetaTrader 5
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Not a holy grail. No robot, indicator or strategy wins all the time. Every Toyamoto product is a tool: it can have losing trades, losing weeks and losing months. Results depend on the market, your broker, your settings and your risk. Always test with the free demo first and never trade with money you cannot afford to lose.

1. What the indicator does

Toyamoto Breakout Zone is a signal indicator for MetaTrader 4 and MetaTrader 5. It never opens or closes trades. A built-in optimizer tests 16 entry strategies on recent history, including spread and commission, picks the one that worked best on your chart and fine-tunes its stop loss, take profit and main parameter. When the active strategy gives a signal you see an arrow with the entry, the stop loss and three take-profit levels, and you get an alert. A news filter pauses new signals around important economic news.

Languages: English, German, French, Spanish, Italian, Dutch, Polish, Czech, Slovak, Hungarian, Romanian, Croatian, Slovenian and Indonesian.

2. Installation (MT4 / MT5)

▲ Important - follow this order

1. *Tools > Options > Expert Advisors*: tick *Allow WebRequest for listed URL* and add **both** addresses:
<https://api.gumroad.com> (license check)
<https://nfs.faireconomy.media> (news calendar)
2. **Restart MetaTrader** (close it completely and open it again). The license check works only after this restart.
3. Only then attach the indicator and the Helper to a chart and paste your license key.
4. If the panel shows *No connection to license server*: **restart MetaTrader once more**.

1. In MetaTrader click *File > Open Data Folder*.
2. Copy the indicator into `MQL4\Indicators` (MT4, `.ex4`) or `MQL5\Indicators` (MT5, `.ex5`).
3. Copy the **Toyamato Helper** (included) into `MQL4\Experts` or `MQL5\Experts`.
4. *Tools > Options > Expert Advisors*: tick *Allow WebRequest for listed URL* and add
<https://api.gumroad.com> (license) and <https://nfs.faireconomy.media> (news calendar).
5. **Restart MetaTrader** (close it completely and open it again).
6. Drag the indicator onto a chart and choose your language in `UI_Language`.
7. Start the Toyamato Helper on any chart.

The first optimization takes a few seconds, depending on the lookback and the number of bars.

3. How the license works and activation

How the license works - please read

1. **Before you pay**, you type your **2 MetaTrader account numbers** (live or demo, you decide) on the Gumroad checkout page.
2. **After payment** you receive the files and **one license key** – on screen and by e-mail.
3. You **paste the license key** into the indicator (input `License_Key`) and keep the free **Toyamato Helper** running on any chart – it checks the key online for the indicator.
4. The software checks the key online and runs **only on these 2 account numbers**.
5. It works on **any computer or VPS** – at home, on a laptop or on a VPS, even on several at once. Only the account number counts.
6. The computer needs internet, and <https://api.gumroad.com> must be allowed in MetaTrader (*Tools > Options > Expert Advisors > WebRequest*).
7. **The 2 account numbers cannot be changed later**. A different account is only possible with a **new purchase**.

Step by step

1. **Enter your 2 account numbers at checkout.** On the Gumroad checkout page, type the 2 MetaTrader account numbers (live or demo) into the *Account number 1* and *Account number 2* fields. Check them twice – they cannot be changed later.
2. **Get your key and files.** After payment Gumroad shows your license key and sends it by e-mail with the download link. Download the MT4 or MT5 version you bought – the Toyamato Helper is included.
3. **Install** the indicator and the Helper as described in chapter 2: allow both WebRequest addresses and **restart MetaTrader** before you attach them.
4. **Log in to one of your 2 accounts.**
5. **Enter the key in the indicator.** Add the indicator to a chart, paste your license key into its `License_Key` input and click OK.
6. **Start the Toyamato Helper** on any chart – no settings needed. It takes the key from the indicator, checks it and your account number at Gumroad and activates the indicator. Within a minute the panel shows *Licensed account*.
7. **Use the indicator** on any number of charts of your 2 accounts, on any computer or VPS. The activation is valid for **14 days** and renews itself while the Helper runs – simply keep the Helper running (it also feeds the news filter).

Panel message	Meaning
Licensed account: ... (date)	Active until the date shown; renewed automatically while the Helper runs.
Enter your License_Key in the settings	Type your key in the indicator's <code>License_Key</code> input.
Start Toyamato Helper on any chart to activate the license	The Helper is not running, or the key / account is not valid. The Helper's chart corner shows the exact reason.

Without a valid activation the indicator shows no signals. Keep your license key safe – it is your proof of purchase.

4. Toyamato Helper

MetaTrader does not let indicators connect to the internet (WebRequest works only in Expert Advisors). The free Toyamato Helper is a small EA that **never trades**. It has two jobs:

- **License activation (full version):** it takes the key you typed in the indicator, checks it and your account number at Gumroad and saves a signed activation for 14 days, renewed once a day while it runs. The activation cannot be edited by hand.
- **News calendar:** it downloads the weekly economic calendar and saves it to the common data folder as `Toyamato_ff_calendar.json`. The indicator reads it every 5 minutes. If Toyamato X EA runs in the same MetaTrader, it saves the same file.

You do not need to enter anything in the Helper. One Helper on one chart serves every chart and every Toyamato indicator in this MetaTrader. Its chart corner shows the license state, the activation expiry and the time of the last calendar update. The Helper is included in the demo package (for the news filter) and in the full version.

5. The panel and the signals

The panel shows the license state, the active strategy and its ranking, the current signal (running, TP1-TP3 hit, SL hit), the statistics of the strategy (trades, win rate, profit factor, longest losing streak, maximum drawdown), the suggested lot for your risk, spread, commission, server time, time filter, pivots and the **news filter** state. The panel can be collapsed; the small logo can be switched off with `Show_Logo`.

A signal is checked on the closed bar. Buy arrows are green, sell arrows red; the SL line is red and the TP lines blue. Past signals are marked with a check (target reached) or a cross (stop loss). If the optimizer finds no reliable edge, the panel says so; with `Signals_When_No_Edge` you decide whether signals are still shown.

6. The 16 strategies and the optimizer

1. Zone (support/resistance) breakout
2. Bollinger Band breakout
3. Donchian channel breakout
4. Fast/slow moving average crossover
5. Price crossing a sloping trend MA
6. RSI reversal from an extreme
7. MACD / signal line crossover
8. ADX trend start with DI crossover
9. Engulfing candle
10. Pin bar reversal
11. Inside bar breakout
12. Volume spike with price breakout
13. Parabolic SAR flip
14. Stochastic crossover in an extreme zone
15. 3-candle momentum
16. Ichimoku trend with daily pivot bounce

The optimizer uses the last `Lookback_Days` (default 60) and keeps the last `Validation_Percent` (30%) as a check period, so a strategy has to work on data it was not tuned on. Strategies with fewer than `Optimizer_Min_Signals` trades are not ranked. The ATR multiplier optimizer searches the best SL/TP multipliers and checks neighbouring settings for robustness. The optimizer re-runs once a day.

7. News filter

The news filter works like the news filter of Toyamoto X EA. It uses the weekly economic calendar (the same data as <https://www.forexfactory.com/calendar>) and only the news of the two currencies of the chart symbol. From `Hours_Before_News` before until `Hours_After_News` after a filtered event **no new signals** are given. News lines and pause zones are drawn on the chart, and the panel shows the next news or the current pause.

If the calendar file is missing or older than `News_Max_Age_Hours` (12 hours), the panel shows "no calendar" and the news filter cannot pause signals. Keep the Toyamoto Helper running for the news filter. The news filter is not active in the Strategy Tester.

8. Recommended timeframes

Recommended timeframes	M5 - H1*
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* Based on the author's own testing. Not a guarantee of results; other timeframes are possible. Always test on a demo account first.

9. All settings

Indicator

Setting	Default	What it does
UI_Language	English	Language of chart, panel, alerts and log.
License_Key	(empty)	Your Gumroad license key (full version). Checked by the Toyamoto Helper. Not needed in the demo.
Optimizer_Top_N	2	Strategies shown in the panel ranking.
Use_Optimizer	true	Automatic strategy selection.
Lookback_Days	60	Optimizer lookback in calendar days.
Entry_Strategy	Zone breakout	Strategy used when the optimizer is off.
Show_Pivot_Lines	true	Daily pivot lines P, R1-R3, S1-S3.
Signals_When_No_Edge	show	What happens when no strategy has an edge.
SLTP_Mode	ATR	ATR based or fixed points SL/TP.
Auto_Optimize_ATR_Mults	true	Optimizes the SL/TP ATR multipliers.
Auto_Optimize_Strategy_Params	true	Optimizes the main parameter of the strategy.
Risk_Percent	1.0	Risk per trade for the lot suggestion.
Spread_Mode / Commission_Per_001_Lot	current / 0.00	Costs used in the statistics.
Stats_Balance / Stats_Lot	0 / 0	Account size and lot for the stats (0 = automatic).
ATR_Period, SL/TP ATR multipliers	14, 1.5/1.5/3/5	ATR mode levels when auto-optimize is off.
SL_Points, TP1-3_Points	300, 300/600/900	Points mode levels.
Use_Time_Filter, Start/End GMT	false, 7-16	Trading hours filter (GMT) and weekdays.
Use_Manual_GMT_Offset, Manual_GMT_Offset	false, 2.0	Broker GMT offset (always manual in the tester).

Zone parameters	1000 / 100 / 2	Lookback, zone length, minimum touches, tolerances.
Strategy parameters	standard	Bollinger, Donchian, MA, RSI, MACD, ADX, pin bar, volume, SAR, Stochastic, Ichimoku, pivot.
Validation_Percent	30	Check period at the end of the lookback.
Optimizer_Min_Signals	20	Minimum trades to rank a strategy.
Eval_TP_Level	1	Trades are evaluated to TP1, TP2 or TP3.
Optimizer_Auto_Rerun_Daily	true	Daily re-optimization.
Enable_Visuals	true	Set to false when called from an EA via iCustom.
Mult_* settings	1-3 / 1-5, step 0.5	Search range of the ATR multiplier optimizer.
Chart display	-	Arrow size and colours, zone rectangle, level lines, signal history.
Show_Panel, Panel_X/Y, colours	true, 10/20	Panel position and colours.
Show_Logo	true	Small Toyamato logo next to the panel.
Alert/Push/Email_On_Breakout	true/false/false	Notifications on a new signal.
News_Filter_Active	true	No new signals around news.
High/Medium/Low_Impact_Filter	true/false/false	Impact levels that pause signals.
Hours_Before/After_News	1.0 / 1.0	Pause before and after the news.
News_Max_Age_Hours	12	Ignore an old calendar file.
Show_News_Lines / Show_News_Zones	true / true	News lines and pause zones on the chart.
News colours	red/orange/yellow	Line colours by impact, zone colour.

Toyamato Helper

Setting	Default	What it does
News_Calendar	true	Download the economic calendar for the news filter.
Refresh_Minutes	60	News calendar refresh interval (minimum 30).
Show_Status	true	License and calendar status in the chart corner.

10. Using it from an EA (buffers)

An Expert Advisor can read the signals with `iCustom()` at bar shift 1 (set `Enable_Visuals = false`):

Buffer	Content
0	Direction: 1 = buy, -1 = sell, 0 = no signal
1	Entry price
2	Stop loss

3	TP1
4	TP2
5	TP3

11. Demo, refund and support

Free 10-day demo

The demo version is the complete product. It runs for 10 days from the first start on any live or demo account, without a license key. In the Strategy Tester it is not time-limited, so you can backtest as long as you like. Moving the computer clock back ends the demo. When the 10 days are over, the panel shows that the demo has expired and no new signals are shown. Download it from ToyamatoForexWorld.com (Downloads).

7-day refund

A 7-day refund applies if the software does not work technically on your MetaTrader (an installation or activation problem that we cannot solve together, or the wrong platform purchased). Trading results and losses are not a reason for a refund – please use the free 10-day demo to test it first. When a refund is issued, the license key is deactivated on both accounts.

Support

Questions: toyamatoforexworld@gmail.com. Videos: youtube.com/@Forexrobots-indicators-Tester.

Donations on the website are voluntary and have no connection to any purchase. A donation does not buy a product, a license, a discount, support or any service.

12. Risk warning

Trading foreign exchange (forex) and CFDs on margin carries a high level of risk and may not be suitable for all investors. Leverage can work against you as well as for you, and you may lose some or all of your capital.

The software is provided "as is", without any warranty. There is no guarantee of profit, of any trading result, of loss prevention or of error-free operation. Backtests and demo results are based on historical or simulated trading and do not guarantee future results. Broker execution, spreads, slippage, swaps, internet and computer problems can all affect results.

Nothing in this manual is financial, investment or tax advice. You install, set up and run the software yourself on your own account, and you alone are responsible for your trading decisions. To the maximum extent permitted by law, the author is not liable for any loss or damage arising from the use of the software or this manual. Read the full Risk warning on ToyamatoForexWorld.com.

13. End User License Agreement (EULA)

1. Parties and scope

This End User License Agreement ("EULA") is an agreement between you ("the user") and the author of the Toyamato software ("the author", Toyamato Forex World, contact: toyamatoforexworld@gmail.com). It applies to Toyamato X EA, Toyamato Breakout Zone, Toyamato Helper and Toyamato Account Guardian, including the demo versions, the PDF manuals and any updates (together "the software"). By downloading, installing or using the software you accept this EULA. If you do not accept it, do not install or use the software.

2. Purchase

The paid versions are sold through Gumroad, which acts as the seller (merchant of record) and handles the payment, the invoice and the applicable VAT under its own terms. This EULA governs the use of the software itself.

3. License grant

For a paid version, the author grants you a personal, non-exclusive, non-transferable, non-sublicensable and perpetual license to use the software on the **2 MetaTrader account numbers** (live or demo) that you entered at checkout. You may run it on any number of charts of these 2 accounts and on any number of your own computers or VPS. **The 2 account numbers cannot be changed later; a different account requires a new license.** The license key is personal and must be kept confidential.

The demo versions may be used free of charge for 10 days on any account and without time limit in the Strategy Tester, for evaluation only. Toyamato Helper and Toyamato Account Guardian may be used free of charge on any account.

4. Restrictions

You may not: share, publish, sell, rent, lend or give away the software, the license key or the download links; use the software on accounts other than the licensed ones; decompile, disassemble, reverse engineer, modify or create derivative works of the software, or remove or bypass the license check or the demo limits; or use the software in any way that breaks the law or the terms of your broker. Free tools may be shared only in the original, unchanged form as downloaded from ToyamatoForexWorld.com.

5. Ownership

The software is licensed, not sold. All rights, title and copyright in the software, the manuals, the logos and the name "Toyamato" remain with the author. Everything not expressly granted in this EULA is reserved.

6. Online license check

The paid software checks the license key online at Gumroad when it starts and once a day, and compares your MetaTrader account number with the account numbers stored with your purchase. For the indicator, this check is done by the free Toyamato Helper. An internet connection and the

WebRequest permission in MetaTrader are required. See the Privacy policy (toyamatoforexworld.com/privacy.html).

7. Updates and support

Updates, new versions and support are provided at the author's discretion and are not guaranteed. The author may change or discontinue the software at any time.

8. Refund

A 7-day refund applies if the software does not work technically on your MetaTrader (an installation or activation problem that cannot be solved together, or the wrong platform purchased). Trading results and losses, and wrongly entered account numbers, are not a reason for a refund. When a refund is issued, the license key is deactivated. Your statutory consumer rights are not affected.

9. Risk and no advice

Trading forex and CFDs involves a high risk of loss. The software is a tool, not a holy grail, and not financial advice. Backtests and demo results do not guarantee future results. You alone are responsible for your settings, your trading decisions and their results. Read the Risk warning & disclaimer (toyamatoforexworld.com/risk-warning.html), which forms part of this EULA.

10. No warranty

To the maximum extent permitted by law, the software is provided “as is” and “as available”, without any warranty of any kind, express or implied, including merchantability, fitness for a particular purpose, accuracy, uninterrupted or error-free operation.

11. Limitation of liability

To the maximum extent permitted by law, the author is not liable for any direct, indirect, incidental, consequential or special loss or damage, including trading losses, lost profits or lost data, arising from the use of or the inability to use the software. Where liability cannot be excluded, it is limited to the price you paid for the license. Nothing in this EULA limits liability that cannot be limited under the applicable law, including liability for intent or gross negligence and mandatory consumer rights.

12. Termination

This license ends automatically if you break this EULA or if the purchase is refunded or charged back. The license key can then be deactivated, and you must stop using and delete the software.

13. Applicable law

This EULA is governed by the law of Hungary. If you are a consumer, you also keep the protection of the mandatory rules of the country where you live. If any part of this EULA is invalid, the rest remains in force.

14. Contact

Questions about this EULA: toyamatoforexworld@gmail.com. Version 1.0, October 2026.