

GTM

GTM PROP GUARD

User guide - prop firm risk manager for MetaTrader 5

Version 1.21

Room left today, the safe lot before you trade, the price where the account would fail - and a guard that warns, blocks, closes and locks before a rule breaks.

It never opens a trade by itself.



Contents

One page per part of the panel. All pictures are real screenshots from a demo account.

1	Getting started	3	7	RULES - BEHAVIOUR	9
2	OVERVIEW tab	4	8	RULES - ACTIONS	10
3	ENTRY tab - a safe ticket	5	9	Warn, block, close, lock	11
4	TRADES tab	6	10	Alerts and Telegram	12
5	JOURNEY tab	7	11	Inputs and good to know	13
6	RULES - LIMITS	8			

1 Getting started

GTM Prop Guard watches a prop firm account so a rule is never broken by accident. It never opens a trade by itself.

INSTALL

- Open the Navigator (Ctrl+N), find **GTM Prop Guard** under Expert Advisors and drag it onto **one** chart. One chart per account is enough - it watches every symbol.
- Turn on **Algo Trading** in the toolbar. The guard needs it to close trades and add stops.
- For Telegram only: Tools > Options > Expert Advisors > Allow WebRequest, add <https://api.telegram.org>.
- Keep MetaTrader 5 running. For protection day and night, run it on a VPS.

FIRST FIVE MINUTES

1. Open **RULES** and pick a template: 2-STEP, 1-STEP, INSTANT or FUNDED.
2. Check every number against your firm's rules page, change what is different and press **SAVE RULES**.
3. Check the account size on the header. If it is wrong, set **Account size** in the inputs (F7).
4. Trade as usual - from the ENTRY tab, another EA or your phone.

THE HEADER

GTM **PROP GUARD**

Phase 1 - \$2,949 - day 53

LOCKED

-

ROOM LEFT TODAY
\$286
after the worst case of the open trades

SAFE LOT NOW
0.00
max loss reached - account locked

PART	MEANING
ROOM LEFT TODAY	How much you can still lose today after the worst case of the open trades - every open stop hit, and pending orders if you count them.
SAFE LOT NOW	The biggest lot for the stop on the ENTRY tab that keeps you inside the room. 0.00 with a red reason means trading is blocked.
Phase - size - day	The phase name, the account size the limits are counted from and the day of the challenge.
Status badge	OK, WARN, BLOCKED or LOCKED. The - button folds the panel.

Your firm's rules always win. The templates are a starting point - check every number.

2 OVERVIEW tab

The first tab: where you stand against every rule, at a glance.

CONTROL	WHAT IT DOES
Daily loss bar	The loss today against the daily limit. The solid part is the real loss; the lighter part is the loss if every open stop is hit.
Max loss bar	The same for the max loss, with its type (static or trailing).
Profit target	Progress to the target of the phase.
Consistency	How big your best day is against the best-day rule (when the rule is on).
EQUITY TODAY	A small chart of the equity through the day, with the line where the day started.
Rule chips	Stop loss on every trade, trades today, next news, loss streak, minimum hold time, trading hours - green is fine, amber is close, red is broken.
CLOSE ALL	Closes every trade on the account and deletes pending orders.
LOCK TODAY	Stops all new trading until the day reset. With Hard lock ON there is no unlock button.
REPORT	Writes today's numbers to the Experts tab (and Telegram if set).

Worst case, not only the float. A trade that is in profit now can still hit its stop. The guard counts what every open stop would cost, so ROOM LEFT TODAY is the room you really have.

Fail prices on the chart. DAILY FAIL PRICE and MAX FAIL PRICE are where the chart symbol would have to go to break a rule with the trades you hold now. TARGET PRICE is where the phase is passed.

3 ENTRY tab - a safe ticket

ENTRY finds a safe lot before you trade, for any symbol in Market Watch.

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OVERVIEW

ENTRY

TRADES

JOURNEY

RULES

HELP

Set the stop - type the points, press - / + or drag the red line

The guard finds the biggest lot that keeps the account safe if

BUY

SELL

Symbol

<

XAUUSD.0

>

chart symbol - lines on the chart

Stop loss (points)

-

218

+

Take profit (R, 0 = none)

-

2.8

+

Risk per trade

15 % of room

Your lot (MANUAL)

-

0.13

+

MANUAL - back to AUTO

max safe 0.13

Your lot

0.00

Risk if the stop is hit

\$0

Room after

\$286

Spread now / commission per lot

0 pts / \$0

Margin needed / free

\$0 / \$2,949

Daily loss if every stop is hit

0.0 %

Lot limited by

blocked

CHECKS BEFORE SENDING

stop attached

no room

no lot cap

max loss reached - account lo.

NOTHING SAFE TO PLACE

CONTROL

WHAT IT DOES

BUY / SELL

The side of the trade.

Symbol < >

Type a symbol or step through Market Watch. On the chart symbol the entry, stop and target are drawn as lines.

Stop loss (points)

Type it, press - / +, or drag the red line on the chart.

Take profit (R)

2 = twice the stop. 0 = no take profit.

Risk per trade

15, 25, 50 or 100 % of today's room, or 0.25, 0.5 or 1 % of the account - never more than the room.

Lot AUTO / MANUAL

AUTO sends the safe lot. Type a lot or press - / + to go MANUAL; a lot bigger than the safe one is refused.

Your lot / Risk / Room after

The lot, what it loses if the stop is hit, and the room left after it.

Lot limited by

Which cap decided the lot: the room, the max risk per trade, a firm lot cap or free margin.

Checks before sending

Stop attached, inside the room, lot cap, news, trades today, and the reason when trading is blocked.

PLACE

Sends the trade with its stop and target already attached.

4 TRADES tab

Every open trade on the account - every symbol, every EA, the phone.

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OVERVIEW

ENTRY

TRADES

JOURNEY

RULES

HELP

Trade (click a row to pick it)

Float

If SL hit

Guard

No open trades on the account.

PICK A TRADE ABOVE FOR THESE

CLOSE IT

HALF OFF

SL TO BE

SAFE SL

CLOSE ALL OF A SYMBOL

HALF OFF A SYMBOL

WHAT THE GUARD DID

10:16 guard started - \$2,949 account, daily 5.0 %, max 10.0 %

10:32 report written to the Experts tab

10:32 rules saved for this account

10:32 rules saved for this account

CLOSE ALL (ACCOUNT)

CLOSE ALL LOSERS

CONTROL

WHAT IT DOES

The list

Each trade with its float, what it still loses if its stop is hit (If SL hit) and its guard state. A red row has no stop.

Pick a row

Click a row to pick a trade; click it again to drop it.

CLOSE IT / HALF OFF

Close the picked trade, or half of it.

SL TO BE

Moves the stop to the entry plus the spread.

SAFE SL

Adds a stop that risks at most the max risk per trade.

CLOSE ALL / HALF OFF of a symbol

Work on every trade of the symbol of the picked trade.

CLOSE ALL (ACCOUNT)

Every trade on every symbol, and pending orders.

CLOSE ALL LOSERS

Only the trades in a loss, all symbols.

WHAT THE GUARD DID

A log of every action, with the time.

Pending orders count in the worst case too (RULES > ACTIONS > Count pending orders).

5 JOURNEY tab

The road to the payout.

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OVERVIEW

ENTRY

TRADES

JOURNEY

RULES

HELP

Phase 1 - target \$236

0 %

Trading days 53 (min 4) - average day -\$11

OCTOBER 2026 - DAILY P/L

Mon	Tue	Wed	Thu	Fri
5	6	7	8	9
-\$1	+\$9	+\$5	-\$343	-\$3
12	13	14	15	16
+\$14			-\$14	-\$4
19	20	21	22	23
-\$8				
26	27	28	29	30
-\$11				

PAYOUT READINESS

Profit target0 %

Minimum trading days53 / 4

Consistencyoff

No limit breachedMAX LOSS HIT

Minimum hold timeoff

Last trade (many firms close at 30 days)today

Win rate42 %

Profit factor1.14

Closes1800

Worst day-11.6 %

EXPORT CSV

REPORT TO JOURNAL

CONTROL

Target bar

Progress to the profit target, with the trading days so far and your average day.

Calendar

The net result of every day this month; green days up, red days down.

Consistency

How much more you can bank today before your best day becomes too big a share of the profit (when the rule is on).

PAYOUT READINESS

What the firm checks: profit target, minimum trading days, consistency, no limit breached, minimum hold time, and the days since the last trade (many firms close an account after 30 days without trading).

Win rate, profit factor, closes, worst day

Your numbers for the period.

EXPORT CSV

Saves every day to a file in MQL5\Files.

REPORT TO JOURNAL

Writes the numbers to the Experts tab.

6 RULES - LIMITS

RULES has three pages. Type a value and press Enter; SAVE RULES keeps them for this account, BACK TO INPUTS throws them away.

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OVERVIEW
ENTRY
TRADES
JOURNEY
RULES
HELP

LIMITS
BEHAVIOUR
ACTIONS

TEMPLATE

2-STEP
1-STEP
INSTANT
FUNDED

Daily loss %	10.0	Max risk per trade %	1.0
Max loss %	10.0	Min trading days	4
Profit target % (0 none)	8.0	Best day max % (0 off)	0.0
Safety buffer %	0.3	Min hold seconds	0
Max lot per trade	0.00	Day reset hour (server)	0
Max lots open	0.00	Day reset minute	0

Daily from: higher of bal/eq

Max loss: static

Your firm's rules page always wins - check every number.

SAVE RULES *

BACK TO INPUTS

CONTROL

WHAT IT DOES

Template

2-STEP: daily 5 %, max 10 % static, target 8 %, 4 days. 1-STEP: daily 3 %, max 6 % trailing (locks at start), target 10 %. INSTANT: daily 3 %, max 6 % trailing, best day 40 %. FUNDED: daily 5 %, max 10 % static.

Daily loss %

How much the account may lose in one firm day.

Daily from

Balance, equity, the higher of both at the reset, or the initial balance.

Max loss % and type

The deepest the account may go. Static stays at the start; trailing follows the highest equity; the lock version stops trailing at the start balance; end-of-day trails on the closing balance.

Profit target %

0 = none.

Safety buffer %

The guard stops this much before the real limit.

Max lot / max lots open

Firm lot caps (0 = no cap).

Max risk per trade %

Used for the safe lot and for automatic stops.

Min trading days, best day max %, min hold seconds

Payout rules (0 = off).

Day reset hour / minute

The firm day reset, in server time.

7 RULES - BEHAVIOUR

Rules that protect you from over-trading and revenge trading.

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JOURNEY

RULES

HELP

LIMITS

BEHAVIOUR

ACTIONS

Max trades per day

0

News: minutes before

0

Max trades open

0

News: minutes after

0

Losses before a pause

3

Friday close hour

22

Pause minutes

30

Daily profit cap \$

0

Trading hours 08:00-20:00

any

Allowed symbols

any

Hours: blank or any = all day. Symbols: XAUUSD, EURUSD - blank =

Your firm's rules page always wins - check every number.

SAVE RULES *

BACK TO INPUTS

CONTROL

WHAT IT DOES

Max trades per day

New trades over the cap are closed (0 = no cap).

Max trades open

Trades open at once (0 = no cap).

Losses before a pause / pause minutes

After this many losses in a row, new trading is paused for the minutes you set.

News minutes before / after

A blackout around high-impact news from the MT5 economic calendar (0 = off).

Friday close hour

Used by Weekend close (RULES > ACTIONS).

Daily profit cap \$

New trades are blocked once the day reaches this profit (0 = off).

Trading hours

Server time, for example 08:00-20:00. Blank or any = all day.

Allowed symbols

For example XAUUSD, EURUSD. Blank or any = every symbol.

8 RULES - ACTIONS

When the guard steps in and what it does.

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JOURNEY

RULES

HELP

LIMITS

BEHAVIOUR

ACTIONS

Warn at % of a limit

80.0

Block new trades at %

90.0

Close everything at %

95.0

ON Close at target

ON Add a stop if none

OFF Close if no stop

OFF Close before news

OFF Weekend close

ON Hard lock

ON Block on worst case

OFF Consistency cap lock

OFF No hedging

OFF Cut over-risk trades

ON Count pending orders

Your firm's rules page always wins - check every number.

SAVE RULES *

BACK TO INPUTS

CONTROL

WHAT IT DOES

Warn / Block / Close at %

Warn at 80 %, close new trades at 90 %, close everything at 95 % of a limit.

Close at target

Close everything when the profit target is hit.

Add a stop if none

A trade with no stop gets a safe stop after a short grace time.

Close if no stop

Close a trade with no stop instead of adding one.

Close before news

Close trades on the news currency before the event.

Weekend close

Close everything on Friday at the close hour.

Hard lock

After a breach: no unlock button until the reset.

Block on worst case

Use the open stops, not only the float, to decide.

Consistency cap lock

Block new trades at the consistency profit cap.

No hedging

Close a new trade against an open one.

Cut over-risk trades

Close a new trade whose stop risks more than the per-trade limit.

Count pending orders

Count pending orders as filled and stopped in the worst case.

9 Warn, block, close, lock

What happens as a limit comes closer. On this demo the max loss was hit, so the account is locked.

LEVEL	WHAT HAPPENS
WARN (80 %)	You get an alert: popup and sound, push to the phone, Telegram if set.
BLOCK (90 %)	Every new trade is closed at once and pending orders are deleted - from any EA or the phone.
CLOSE (95 %)	Everything is closed and the account is locked until the day reset.
Max loss breach	The account stays locked.
LOCK TODAY	You lock trading yourself until the reset.
Pauses	After a run of losses, outside trading hours, around high-impact news and before the weekend - when switched on.

MetaTrader 5 cannot stop an order before it reaches the broker. When trading is blocked, a new trade is closed right after it opens - usually in under a second - so it can still cost the spread and commission.

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CHECKS BEFORE SENDING

stop attached

no room

no lot cap

max loss reached - account lo.

NOTHING SAFE TO PLACE

PAYOUT READINESS

Profit target

0 %

Minimum trading days

53 / 4

Consistency

off

No limit breached

MAX LOSS HIT

Minimum hold time

off

Last trade (many firms close at 30 days)

today

10 Alerts and Telegram

Know what the guard did, even away from the screen.

SETTING	HOW
Alerts input	Popup and sound, MT5 push notifications to your phone, or both.
Push	Set your MetaQuotes ID in Tools > Options > Notifications.
Telegram bot token	Create a bot with @BotFather and paste the token.
Telegram chat id	Get it from @userinfobot.
Daily summary hour	A summary at this local hour (-1 = off).
WebRequest	Add https://api.telegram.org under Tools > Options > Expert Advisors.

Telegram and the news calendar do not work in the Strategy Tester. Every other part can be tried there - use the - / + buttons, because typing is not possible in the tester.

Rest the mouse on any button for a short note. The HELP tab on the panel has 7 topics: START, ENTRY, TRADES, LIMITS, LOCKS, RULES, JOURNEY.

11 Inputs and good to know

The inputs (F7) are the starting values. Rules saved on the panel replace them for that account.

GROUP	INPUTS
Account	InpTemplate, InpAccountSize (0 = from the first deposit), InpStartDate, InpPhaseName
Loss limits	InpDailyPct, InpDayBasis, InpMaxPct, InpMaxType, InpResetHour, InpResetMinute, InpBufferPct
Target and payout	InpTargetPct, InpMinDays, InpConsistencyPct, InpMinHoldSec, InpMaxLot, InpMaxTotalLot, InpMaxRiskPct, InpRiskEnforce, InpSymbols
Behaviour guard	InpMaxTradesDay, InpMaxOpen, InpProfitCap, InpNoHedge, InpLossStreak, InpCooldownMin, InpProfitLock, InpTradeHours, InpNewsBefore, InpNewsAfter, InpNewsClose, InpWeekendClose, InpWeekendHour
What the guard does	InpWarnAt, InpBlockAt, InpCloseAt, InpUseWorstCase, InpAutoSL, InpAutoSLGraceSec, InpNoSLClose, InpPendingWorst, InpCloseAtTarget, InpHardLock, InpDrawLines, InpAlerts
Telegram	InpTgToken, InpTgChat, InpReportHour
Safe entry and panel	InpMagic, InpSlippage, InpDefSLPts, InpDefTPR, InpPanelX, InpPanelY

GOOD TO KNOW

- Attach the guard to **one** chart per account.
- It does not trade by itself and has no strategy. It is not a signal service and does not promise profit.
- It works only while MetaTrader 5 is running with it attached - use a VPS for 24-hour protection.
- Rules are saved per account login, so two accounts keep their own rules.
- Trades placed from the panel use the magic number in the inputs.

Support: send a message through your MQL5 profile or write in the product comments. Updates are delivered through the MQL5 Market.