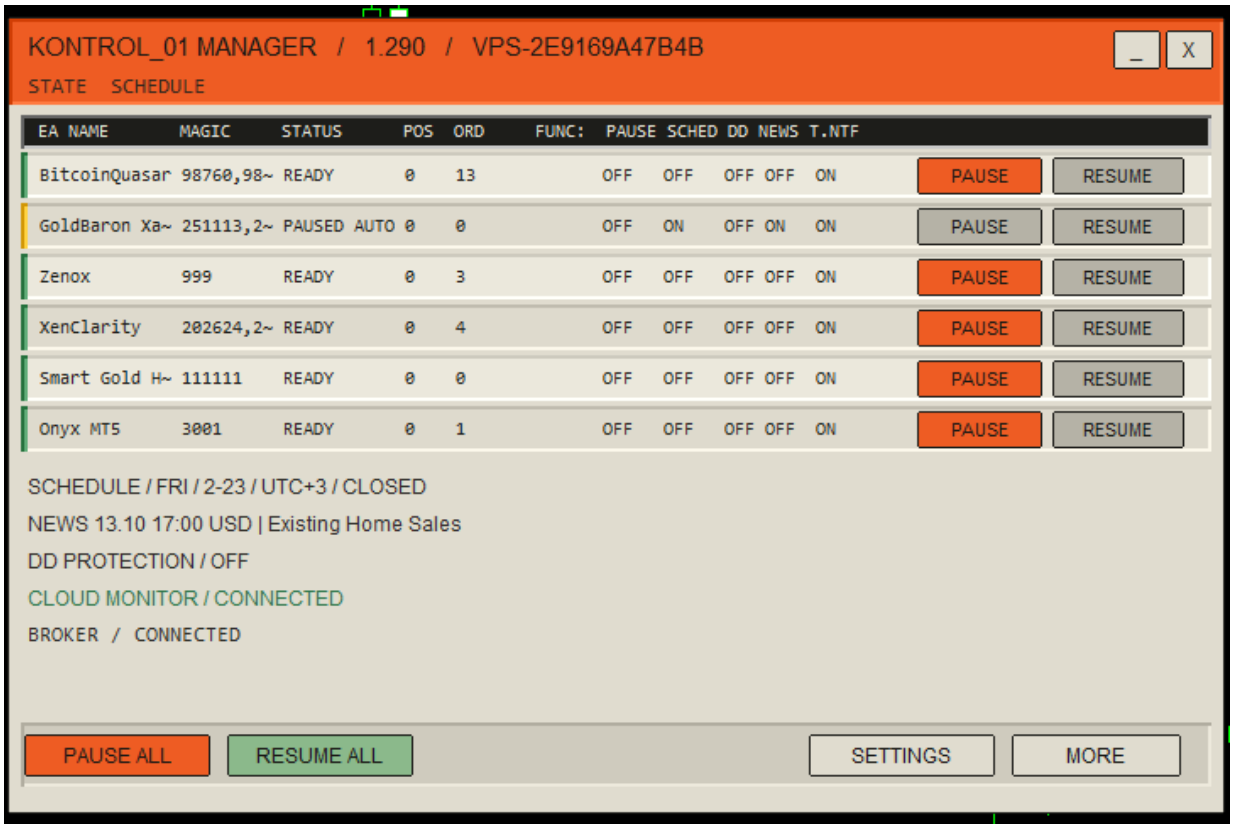
K / 01

# KONTROL_01

EA PORTFOLIO CONTROL / CLOUD MONITORING

## USER MANUAL

Your Expert Advisors manage trades. **KONTROL_01 manages your Expert Advisors.**




**CONTROL / PROTECT / MONITOR**

EDITION 03 • OCTOBER 2026 • ENGLISH / AGENT 1.312

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# 01 / QUICK START

Follow these steps to get KONTROL_01 running. For a new configuration, start with a demo account or another safe trading environment.

1. Install KONTROL_01 in MetaTrader 5 and attach it to **one dedicated chart**.
2. Enable MT5 **Algo Trading** and allow the EA to trade.
3. Open the Manager panel. Press **SETTINGS** and review the discovered EAs.
4. Confirm each EA's **MAGIC NUMBER**. Enter missing or dynamic Magic Numbers manually using individual numbers or wildcard masks.
5. Choose the required **PAUSE / SCHED / DD / NEWS / T.NTF** options per EA.
6. Press **TEST** in a safe environment, review errors and warnings in the **Experts** tab, then press **APPLY**.
7. Optional: enable **Enable cloud monitoring**, allow the WebRequest addresses listed below and wait for the pairing code.
8. Open **@kontrol_01_bot → Link VPS**, enter the pairing code, then check **Status**.

> IMPORTANT: TEST and APPLY are different actions. TEST checks readiness; APPLY saves the selected EA feature configuration. The test may activate a short News Filter simulation and send sample Telegram messages.

**Using MetaQuotes MQL5 VPS?** Enable MQL5 VPS Compatibility in GENERAL before migration, apply your EA configuration locally and verify READY FOR MIGRATION in the Experts log. See Section 02.

# 02 / INSTALLATION & REQUIREMENTS

### Install the EX5 agent

Install the purchased KONTROL_01 Expert Advisor from **MQL5 Market** in your MT5 terminal. Open a chart without another EA and attach KONTROL_01 to it. The EAs you wish to manage should remain attached to their own charts **within the same MT5 terminal**.

You do not need one KONTROL_01 instance on each trading chart. When using several separate MT5 installations, install and run KONTROL_01 in each installation you want to manage and monitor.

Confirm that **Algo Trading** is enabled and the Expert Advisor has trading permissions. Protection modes can delete pending orders or close positions, so permissions matter.

### WebRequest permissions

Open **MT5 → Tools → Options → Expert Advisors → Allow WebRequest for listed URL**. Add both addresses:

- `https://kontrol.aktools.win` — backend for optional Cloud Monitoring and Telegram delivery.
- `https://www.worldtimeserver.com` — web UTC time reference for the scheduling system.

Cloud Monitoring is optional. The Manager can operate without pairing to Telegram. If the web time reference is unavailable, scheduling can use the terminal UTC fallback; review the Experts log for warnings.

### MetaQuotes MQL5 VPS migration

MQL5 VPS Compatibility is a separate option under GENERAL (OFF by default). Enable it only when migrating MT5 to the MetaQuotes integrated MQL5 VPS. It is not required for ordinary Windows VPS hosting.

Before migration: attach KONTROL_01 and every managed EA to the intended charts on your LOCAL MT5; confirm the trading account/server; enable MQL5 VPS Compatibility; complete Magic Number and feature settings; press SETTINGS → APPLY. Wait for CONFIG TRANSFER | READY FOR MIGRATION in the Experts log. Do not migrate while the snapshot is missing, provisional or waiting for EA discovery.

Migrate the charts, Expert Advisors and their settings through MT5 Virtual Hosting. On MetaQuotes VPS the agent reads KONTROL_01_VPS_CONFIG.bin, checks its integrity and verifies the account/server, input settings

and EA identities. Management remains locked while configuration import is waiting or has failed; it is enabled only after successful validation.

After migration: check the virtual terminal Experts journal for CONFIG TRANSFER | FINAL=PASS SOURCE=FILE and CONFIGURATION RESTORED. If you see CONFIG WAIT, CONFIG ERROR, INPUTS HASH MISMATCH or EA identity mismatch, do not assume protections are active. Correct the local setup, press APPLY again, and migrate the updated environment. A changed EA chart set requires renewed confirmation.

**Cloud Monitoring on MQL5 VPS — Telegram confirmation.** After migration, follow the VPS-change confirmation request in @kontrol_01_bot. Once you have confirmed the move, the bot sends a success message: *"Cloud Monitoring moved to VPS-XXXXXXXXXXX. Telegram notifications are active."* This confirms that the monitoring connection was moved and Telegram notifications are active; it is not the confirmation request itself. Open Status / Accounts and verify that the migrated MT5 terminal is Online and its heartbeat is updating.

# 03 / FIRST CONFIGURATION & MAGIC NUMBERS

### EA detection: AUTO or MANUAL

Under **GENERAL**, **EA detection: AUTO or MANUAL** controls how KONTROL_01 builds the EA list.

- **AUTO:** discovers EAs attached to open charts and attempts to learn which Magic Numbers belong to each one.
- MANUAL: uses the EA / Magic mapping input.

Example: Logan MT5:4751239;ArtQuant Gold:1234**

Important: in MANUAL mode, the EA name must be entered exactly as it appears on the chart where the EA is installed. If the name does not match exactly, KONTROL_01 will not map it correctly.

AUTO discovers the program on the chart, **not necessarily all its Magic Numbers**. The EA cannot reliably read the hidden trading logic or input configuration of third-party EX5 files. Learning uses identifiable positions, pending orders, trade comments and limited recent history (up to 180 days for the initial history scan).

Automatic Magic identification may remain incomplete if the EA has not traded yet; uses Magic `0`; trades the same symbol as another EA; uses comments that do not identify its trades; creates dynamic Magic Numbers; or manages virtual trading signals that never become identifiable broker orders. If the Manager shows **MAGIC REQUIRED**, configure the number yourself.

> IF YOU DO NOT KNOW AN EA'S MAGIC NUMBERS, ASK ITS DEVELOPER. Do not guess or enable trade-dependent control based on an uncertain mapping.

### Entering Magic Numbers

In **SETTINGS**, enter the number(s) beside the corresponding EA. You may use exact numbers, comma-separated numbers or trailing wildcard masks.

| Situation | Enter | Matches |
|---|---|---|
| One fixed Magic Number | `1234` | Only `1234` |
| Three exact numbers | `1001,1002,1003` | Exactly these numbers |
| Variable last digit | `100*` | `1000` through `1009` |
| Base prefix plus two variable digits | `1234**` | `123400` through `123499` |
| Base Magic and generated suffixes | `1234,1234**` | `1234` and `123400`–`123499` |

Each `*` represents **exactly one digit (0–9)**. Wildcards are allowed **only at the end** of a mask, and the prefix must start with a non-zero digit. For example, `100**` does **not** include `1001`; it covers `10000`–`10099`.

Do not use broad masks that overlap another EA's Magic Numbers. Overlapping mapping rules are rejected. A wrong assignment can make position tracking, automatic coordination, protection and notifications inaccurate.

### Maximum active EAs

**Maximum active EAs** limits simultaneous activity when automatic coordination is enabled for the selected EAs. For example, a value of `1` is used when you want one eligible strategy to be active at a time.

This is **not** an exposure or margin limit. Activity detection in the current configuration is based on **real positions**, not the private internal logic or virtual entries of an EA. The **PAUSE** feature must also be enabled for EAs that should participate in automatic pausing.

## 04 / MANAGER PANEL & PAUSE / RESUME

The main Manager window shows the EA name, configured Magic Number, operational status, attributed positions (**POS**), pending orders (**ORD**) and enabled features (**FUNC**). Use **PAUSE** and **RESUME** beside each EA, or **PAUSE ALL** and **RESUME ALL** at the bottom.

If a VPS is paired and renamed in Telegram, the Manager title may display its friendly name instead of the generated VPS identifier.

Typical states include READY, TRADING, MAGIC REQUIRED, WAIT-FLAT, PAUSED AUTO, PAUSED MANUAL, VERIFYING, NOT FOUND, RESTORE ERROR, and CONFLICT. Exact states depend on the EA and the current operation.

### What PAUSE really does

KONTROL_01 does not simply send a "do not trade" command to a third-party EA. It manages chart templates to pause and later restore EAs. When open positions exist, **WAIT-FLAT** can delay the pause until they are closed; pending orders can be removed as part of the pause workflow. KONTROL_01 verifies that the requested template operation completes.

When an EA is resumed, its saved chart template is restored and the EA can **initialize again**. This matters for grid, recovery and other stateful strategies. Some EAs reconstruct their state from existing positions; others depend on their internal memory or files.

Safe Resume checks the intended chart and its current EA before attempting a template restore. If the expected EA is already running on the correct chart, KONTROL_01 can reconcile the saved pause state without applying the template again. If another EA is present, the chart identity has changed, or the chart does not respond, automatic restoration is refused or deferred. This check is intended to avoid overwriting a running EA, but cannot verify all internal settings of a closed EX5.

A failed Resume is recorded for the affected EA as RESTORE ERROR (a local Resume fault). Other EAs may remain under management. However, a failed Pause or a separate critical condition can still stop portfolio-wide automatic control; check the Manager status and Experts tab.

> SAFETY: Before live use, verify that every managed EA supports being removed and reinitialized without losing control of existing trades. Never assume PAUSE instantly closes existing positions.

### Resume and protection locks

**RESUME** requests a return to operation; it does not override every protective condition. A trading schedule, News Filter or a protection state may still block the EA.

**RESUME ALL** has broader implications than simply pressing individual Resume buttons: it can clear the latched **DD STOP** condition. Verify that the triggering risk condition has been resolved before using it.

### MORE menu

- RESCAN (AUTO mode): rediscover open EA charts and recheck a manually restored EA. Where its identity can be matched, the existing Magic Number mapping and feature settings can be retained. Do not delete the existing configuration just to rebind a chart.
- **RECOVERY:** request a temporary code for recovering Telegram access.
- **RESET PROTECTION:** clear selected runtime error/protection states after confirmation; use only after understanding the cause.

## 05 / EA FEATURE SETTINGS & TEST

Open **SETTINGS** on the Manager panel. Each row represents an EA and includes a Magic Number field and five on/off switches.

| Switch | What it enables for that EA |
|---|---|
| **PAUSE** | Automatic coordination pause when another managed EA is active |
| **SCHED** | Selected trading schedule and relevant holiday restrictions |
| **DD** | Participation in selected Drawdown Protection |
| **NEWS** | Selected economic-news filter |
| **T.NTF** | Telegram notifications for attributable trades |

**APPLY** saves the changes. **CANCEL** exits without applying staged changes. **ALL ON** enables available switches in bulk; it does **not** create a universally safe configuration. **NEWS** opens per-EA news categories. **SHOW ALL** restores previously excluded EAs to AUTO discovery; review their settings before applying.

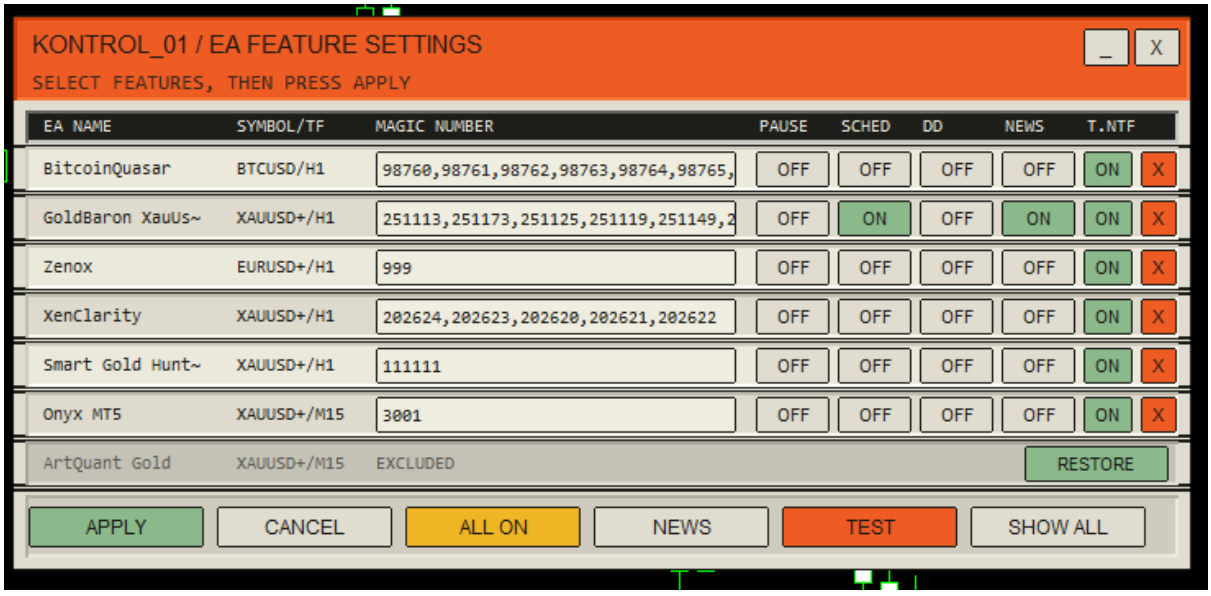



Figure 02 / Per-EA Magic Number assignments and feature switches (earlier UI build; DD notification inputs are in MT5 properties).

### DD notification settings

The following inputs are in the MT5 EA properties under DD PROTECTION (not in the per-EA SETTINGS panel): DD notification (default OFF) and DD first warning (default 0.0). DD notification enables Telegram DD event delivery; DD first warning optionally sets an earlier notification threshold. The primary protection limit and action remain controlled by DDProtection, DDProtectionAction and Percent or account currency.

For an early warning, DD first warning must be greater than 0 and strictly below the main protection limit, using the same unit as the selected DD mode (percent of account balance or account currency). Enter 0.0 to disable early warnings. An invalid early-warning value disables the preliminary warning, not DD Protection. Enable cloud monitoring and pair Telegram for live DD notifications.

### Configuration Test

Use **TEST** to check the current configuration and inspect the result in the panel and **Experts** tab. The outcome can be `TEST / PASSED`, `TEST / PASSED / WARNING(S)` or `TEST / FAILED`.

Checks include selected Magic Number setup, EA charts needed for controls, preparation of paused templates, protection conditions, News Filter readiness and scheduling. If Cloud Monitoring is paired, a notification test may send **connection, news and trade sample messages** to Telegram.

**Important:** if the test succeeds while a News Filter is configured, KONTROL_01 can run a **15-second news-protection simulation**. Test on a demo account or when selected EAs have no open positions or pending orders. TEST does not replace APPLY and cannot prove third-party EA compatibility.

DD Test Notifications: use SETTINGS → TEST. When Cloud Monitoring is ready and paired, the notification test requests five Telegram messages: CONNECTION TEST, NEWS TEST, TRADE TEST, DD PROTECTION WARNING TEST and DD PROTECTION TRIGGERED TEST. The two DD examples are simulated delivery checks and do not execute DD trade actions. There is no separate DD FAILED test message. The independent News Filter simulation described above may still run during TEST.

## 06 / DRAWDOWN PROTECTION

In **DD PROTECTION**, use the **DDProtection**, **DDProtectionAction** and **Percent or account currency** fields. In EA Feature Settings, enable **DD** only for the EAs that belong in the selected protection scope.

KONTROL_01 adds up the current **POSITION_PROFIT + POSITION_SWAP** of positions in its DD scope. The calculation uses the **net current floating result**, so profitable positions may offset losing ones. If this net result is negative, its absolute loss is compared with your selected limit.

The percentage modes compare the loss with the **current account balance**. The monetary modes compare it with a fixed amount in the account currency. Despite the label `BALANCE DD`, this is **not a historical balance/equity high-watermark drawdown calculation** and does not add up previous realized losses.

Available action combinations are **Close & Continue** or **Close & Stop** for both the percentage and monetary thresholds. When triggered, the protection attempts to remove applicable pending orders and close applicable positions. STOP modes also retain a protective locked state until cleared.

If no EAs are configured and DD Protection is enabled, the code supports a separate **account-wide guard**. It can act on all account positions and pending orders regardless of Magic Number. Treat this as a powerful and potentially disruptive mode.

### DD notifications: warning, triggered and failed

DD notifications are optional and separate from DD enforcement. Set DD notification = ON to enable event reporting; keep DDProtection = ON for live protection processing and enable Cloud Monitoring with a linked Telegram account to deliver messages. The default is OFF for both DDProtection and DD notification; DD first warning defaults to 0.0 (no preliminary warning). Turning notifications OFF does not disable DD Protection.

DD WARNING is an early notification when the measured current DD reaches a valid DD first warning level before the protection threshold. It does not close positions, remove orders or change an EA state by itself. It is intended to occur once per excursion above the warning threshold; once the loss falls back below that level and no DD STOP lock remains, a later excursion may generate a new warning. A sudden move directly to the protection limit may produce a final event without a prior warning.

At the main limit, DD Protection attempts its configured trade actions independently of Telegram. After the agent checks the outcome, DD TRIGGERED is queued when the required closing/cleanup (and STOP state, if selected) is verified. DD FAILED is queued if full enforcement could not be verified, for example when positions

remain open or another protection error requires intervention. DD FAILED does not mean every operation failed; check open positions, pending orders and the Experts tab immediately.

DD messages are queued locally and sent through the cloud backend. They can arrive after the triggering event because of verification, network delays or retry processing. An alert is not a substitute for checking actual account exposure, and missing Telegram delivery does not itself change the DD trade-enforcement logic.

> RISK WARNING: Test DD Protection with a small demo account before live trading. Closing positions or deleting pending orders is a real trading operation and can fail during broker outages, market closures or execution restrictions.

# 07 / NEWS FILTER, SCHEDULE & HOLIDAY BREAK

### News Filter

Use the **NEWS CALENDAR** inputs: **News filter**, **News block action**, **Countries for News: US EU CA AU NZ JP CN GB CH**, **Minutes before news** and **Minutes after news**. Then open **SETTINGS → NEWS** and choose the event categories for each EA: **ALL NEWS**, **CPI**, **PPI**, **NFP**, **RATE** or **FOMC**. Return with BACK, then press **APPLY** in EA Feature Settings.

ALL NEWS covers high-impact events beyond the named categories. Depending on the selected **News block action**, restrictions may remove pending orders or close selected positions. Choose the action intentionally; **NEWS ON** is not merely a passive notification switch.

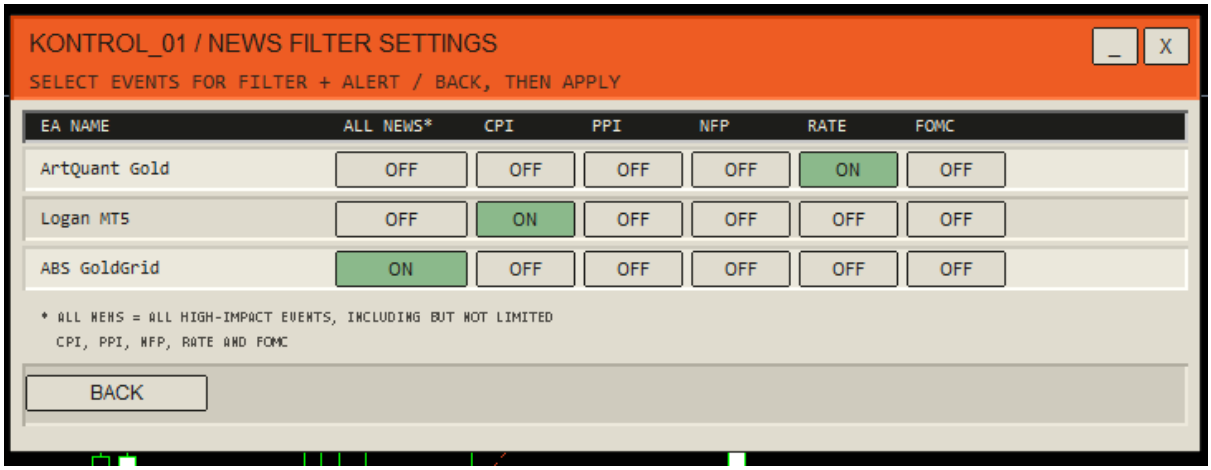



Figure 03 / Per-EA economic event categories (earlier UI build).

### Trading Schedule

Set **Schedule timezone: UTC offset** and each daily schedule under **TRADING SCHEDULE / SELECTED UTC (EMPTY = NO TRADING)**. The value `0-24` represents the full day; an empty day field means no trading that day. Example: `[monday] = 9-18` allows the Monday window from 09:00 to 18:00 in the selected UTC offset.

Use **SCHED** in EA Feature Settings to apply the rule to specific EAs. **Schedule / holiday break block action** controls the action at restricted times; it is not necessarily limited to preventing new entries.

### Holiday Break

Use **HolidayBreakFilter**, **HolidayStartDayInDecember** and **HolidayEndDayInJanuary** to configure the seasonal break. Confirm the effective time zone and the intended dates before enabling protection.

**Time note:** Trading Schedule uses its configured UTC offset. Telegram Daily Status and News Alert use the **local clock of Windows/VPS running MT5**, not the UTC offset field or your phone's location.

# 08 / CLOUD MONITORING

Cloud Monitoring is **optional**. To use it, set **Enable cloud monitoring = true**, allow `https://kontrol.aktools.win` in WebRequest and keep KONTROL_01 running in the MT5 terminal. The service automatically registers the installation and generates a pairing code before linking it to Telegram.

KONTROL_01 sends heartbeats around every **30 seconds**. The backend tracks separate states:

| State | What it actually means |
|---|---|
| **VPS Online/Offline** | A shared machine/VPS identity is or is not producing expected heartbeats |
| **MT5 terminal Online/Offline** | The individual terminal identity is or is not producing its heartbeats |
| **Broker Connected/Disconnected** | The last connection state reported by a running terminal |

An individual terminal becomes **Offline after about 90 seconds** without a heartbeat. VPS becomes **Offline after about 120 seconds** without heartbeats. Detection can take a little longer because checks run periodically.

A VPS may remain Online while one MT5 installation has stopped and another continues reporting. KONTROL_01 now supports dedicated MT5 TERMINAL OFFLINE / MT5 TERMINAL RESTORED Telegram alerts for such changes, provided the VPS remains Online, the terminal is not hidden, and that terminal's alerts are enabled in Telegram Accounts. The first observed status is recorded without sending a notification.

Broker connection notifications cannot identify a crashed MT5 process, because that terminal can no longer report a broker-state change. Missing heartbeats cannot tell you whether Windows restarted, MT5 froze or the network failed.

Terminal status changes are detected after about 90 seconds without a heartbeat, followed by periodic backend checks. These are status-change alerts, not proof of the underlying cause of a failure.

# 09 / CONNECT TELEGRAM

The official bot is **@kontrol_01_bot** — `https://t.me/kontrol_01_bot`. Use it in a **private Telegram chat**.

1. In MT5, enable Enable cloud monitoring and wait for ONLINE / NOT PAIRED and a visible pairing code in the Manager.
2. In Telegram, open @kontrol_01_bot and press Start.
3. Tap Link VPS or send /link.
4. Copy the code shown in MT5, such as K01-ABCD-1234 (example only), and send it to the bot.
5. Once the bot confirms pairing, tap Status to verify that your VPS appears.

The server pairing code lasts up to **24 hours** and can be refreshed while unpaired. The bot waits **10 minutes** for a code after you select Link VPS; if that session expires, start Link VPS again. Keep all pairing codes private.

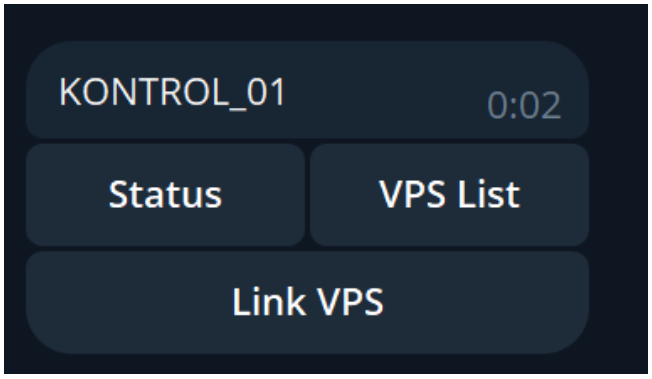


*Figure 04 / Telegram bot main menu after pairing.*

# 10 / TELEGRAM BOT & ACCOUNTS

The main menu offers **Status**, **VPS List** and **Link VPS**. Before the first link, you may see only **Link VPS**.

### Status

**Status** shows the linked VPS instances and available broker/account monitoring information. A recent heartbeat means the cloud service has heard from KONTROL_01; it does not certify the complete health of your trading strategy.

### VPS List and Accounts

Use **VPS List → Open [VPS]**. The details screen offers:

- **Accounts** — view separately monitored MT5 terminals and their trading accounts.
- Rename — give the VPS a friendly label (1–40 characters); the label may also appear in the KONTROL_01 Manager header.
- **Remove** — remove the VPS registration from cloud monitoring, after confirmation.

In Accounts, you can view each MT5 installation's broker, trading account, terminal Online/Offline state, last reported broker connection, latency and heartbeat. Select an account to see its details, including its Alerts setting. Broker status and ping shown for an offline terminal may be marked as last known.

Changing an account or broker **within the same MT5 installation** updates the corresponding terminal identity. Installing MT5 in a new data directory creates a separate terminal identity. Two MT5 installations on one VPS are tracked separately, even if they use the same broker.

Accounts controls: use Disable Alerts / Enable Alerts to stop or resume that terminal's own OFFLINE/RESTORED messages. The setting is per terminal, not a global switch for all VPS or broker alerts.

Forget Terminal hides that terminal from Accounts and Status and suppresses its individual terminal alerts. It does NOT stop the terminal, remove KONTROL_01, close positions, or stop backend heartbeats. Confirm the action when prompted.

Use Accounts → Forgotten Terminals → Restore to show a hidden terminal again. Remember: Forget Terminal is different from VPS Remove, which removes the entire VPS registration.

# 11 / TELEGRAM NOTIFICATIONS

Configure the options in the EA properties under **CLOUD MONITORING** and, for trade alerts, in **SETTINGS**.

| Displayed setting in MetaTrader 5 | Action |
|---|---|
| **VPS OFFLINE / ONLINE AGAIN alerts** | VPS-level lost and restored heartbeat messages |
| **Broker connection alerts** | Broker connection lost/restored messages |
| **Daily Status local time HH:mm; empty = OFF** | Daily monitoring summary at the Windows/VPS local time |
| **News alert, local time HH:mm; empty = OFF** | Scheduled economic-news summary at the Windows/VPS local time |
| **T.NTF** in EA Feature Settings | Trade opened/closed messages for that EA |
| Telegram → Accounts → Enable/Disable Alerts | Per-terminal MT5 OFFLINE / RESTORED notifications (while the VPS is Online) |

For the daily fields, enter for example `10:00` or `09:00`. **Leave empty to disable**. The daily report can include the linked VPS information; it is not a separate independent report for every MT5 terminal.

Terminal offline/restored notifications do not have a separate input in the MT5 EA properties. In Telegram, open VPS List → Accounts → select a terminal → Disable Alerts / Enable Alerts. This controls terminal-status alerts independently of the VPS and broker settings.

The **News Alert** is a scheduled message based on selected events. It is not itself a trading block; a trading block requires the **NEWS** feature and News Filter settings. Similarly, enabling T.NTF without functional pairing or correct Magic identification will not produce reliable trade alerts.

### What messages look like

- **VPS OFFLINE / VPS ONLINE:** VPS identifier, IP and heartbeat/downtime information.
- MT5 TERMINAL OFFLINE / MT5 TERMINAL RESTORED: VPS label, broker and trading account. These individual notifications are emitted only for a status change while the VPS itself remains Online.
- **BROKER CONNECTION LOST / RESTORED:** broker, VPS and duration information where available.
- **TRADE OPENED / CLOSED:** EA, symbol, direction, volume, prices and result (when available).
- **Daily Status / NEWS ALERT:** scheduled summaries.

### DD protection notifications

The following examples follow the current backend message format. Account, VPS and DD values are illustrative; the wording and fields reflect the implemented templates. VPS may show its Telegram-friendly name. The EA line shows the selected DD scope (or All for account-wide protection).

```
⚠ DD PROTECTION WARNING
KONTROL_01 Manager
VPS: Trading VPS
Account: 123456
EA: Gold EA
Current DD: 10.0%
Protection Limit: 20.0%

🛑 DD PROTECTION TRIGGERED
KONTROL_01 Manager
VPS: Trading VPS
Account: 123456
EA: Gold EA
Current DD: 20.0%
Protection Limit: 20.0%
Action: Close & Stop
Status: Trading stopped

❌ DD PROTECTION FAILED
KONTROL_01 Manager
VPS: Trading VPS
Account: 123456
EA: Gold EA
Current DD: 20.0%
Protection Limit: 20.0%
Action: Close & Stop
Status: Some positions remain open
```

For a money-based DD mode, Current DD and Protection Limit display an amount followed by the account currency, such as 250.00 USD. A DD WARNING omits Action and Status. DD TRIGGERED and DD FAILED include both fields. The exact status can also be Trading continues or Protection failed. Manual attention required.

Configuration TEST requests simulated DD Warning and DD Triggered messages (both clearly marked TEST). Live DD notifications rely on active Cloud Monitoring, server registration and Telegram delivery; backend retry processing helps with transient failures but cannot guarantee prompt arrival.

The bot's trade notification worker attempts to retry temporarily failed deliveries, but Telegram delivery is not guaranteed during prolonged outages.

On first monitoring or after re-enabling individual terminal alerts, the service establishes a fresh status baseline without sending an old alert. Notification checks and network delivery may introduce additional delay.

# 12 / RECOVERY & VPS REMOVAL

### EA restart recovery and manual reattachment

EA recovery means restoring or reattaching an Expert Advisor on its MT5 chart. It is separate from the RECOVERY code below, which transfers Telegram monitoring access. After a Manager restart, KONTROL_01 compares saved PAUSED AUTO state with the actual chart. A matching EA already running may be accepted only when no applicable pause or protection block is active; a mismatch is left for manual review rather than automatically overwriting the chart.

Safe Shutdown: when the Manager is removed or updated, it does not unconditionally reapply a saved EA template. On explicit Manager removal or chart closure, the restore-on-removal path is considered only when a matching chart is confirmed empty and a saved template is available. If the expected EA is already present, another EA occupies the chart, or chart identity cannot be verified, the template is not reapplied. Always inspect the charts after removal or an update; automatic restoration is not guaranteed.

If an EA was restored manually, first confirm its exact name, symbol/timeframe, Magic Numbers and applicable protection rules. In AUTO mode use MORE → RESCAN to refresh its binding; existing settings need not be deleted. If the EA remains in RESTORE ERROR, inspect the Experts tab and resolve the cause before attempting individual RESUME. Avoid RESUME ALL or RESET PROTECTION as a shortcut.

### Recover Telegram access

Use this if you lose access to the previously paired Telegram account or need to transfer the VPS monitoring registration to a new Telegram account.

1. Access the running, already paired KONTROL_01 in MT5.
2. Open MORE → RECOVERY and copy the temporary recovery code.
3. In the new Telegram account, open @kontrol_01_bot, send /recover and provide the code.
4. Confirm the VPS is visible in VPS List from the new account.

Recovery codes are **one-time** and valid for about **10 minutes**. A recovery code cannot be obtained solely from the new Telegram account; you must have access to the paired MT5 installation.

### Remove VPS from the bot

Use **VPS List → Open VPS → Remove**, then confirm. This stops cloud monitoring and notifications for the current VPS registration. It **does not** remove MT5, uninstall KONTROL_01, close positions or shut down Windows.

If the EX5 agent is still active and Cloud Monitoring remains enabled, a new monitoring registration and **new pairing** may be needed. Do not remove a VPS simply to clear one stale account entry.

For a single old MT5 entry, use the terminal-specific Forget Terminal control instead. Hidden entries can be restored under Forgotten Terminals.

# 13 / TROUBLESHOOTING

| Symptom | What to check |
|---|---|
| NOT FOUND / binding lost | Check the EA is attached to a chart in the same MT5 and that the name matches. For AUTO mode, use MORE → RESCAN after restoring the EA. Duplicate EA names and nonresponsive charts may prevent safe reattachment. |
| EA does not appear | Confirm EA chart is open in the same MT5; use **MORE → RESCAN**. |
| RESTORE ERROR (single EA) | Do not force a template onto a running EA. Check Experts and the actual chart. With the correct EA already running, use RESCAN (AUTO) or the individual RESUME when permitted; if the chart is empty, RESUME may retry a saved template. Stop if the chart contains a different EA. |
| Manager reports ERROR | A local Resume fault need not stop other EAs, but a failed Pause or critical error can stop automatic control. Check the overall Manager status and Experts before clearing protection or restarting. |
| **MAGIC REQUIRED** | Enter the EA's documented Magic Numbers in **SETTINGS**; consult the developer for dynamic IDs. |
| **WAIT-FLAT** does not end | Inspect the EA's remaining positions; the pause is waiting for them to clear. |
| **RESUME** has no effect | A News, Schedule, DD or runtime protection lock may still apply; inspect **Experts**. |
| **WEBREQUEST REQUIRED** | Add `https://kontrol.aktools.win` in MT5 WebRequest settings. |
| Web time warning | Add `https://www.worldtimeserver.com`, then check network access and scheduling time. |
| **SERVER UNAVAILABLE** | Check connectivity, proxy/firewall and the WebRequest allowlist; Manager may still work locally. |
| **NOT PAIRED** | Use the current code in **Link VPS**; the bot input session may have expired. |
| Pairing code rejected | Check transcription/expiry and whether the VPS is already linked; use Recovery when moving Telegram ownership. |
| **REGISTRATION CONFLICT** | Identity registration conflicts with a previous backend entry. Do not delete monitoring identity files blindly; contact support. |
| VPS Online but MT5 account Offline | One terminal stopped sending heartbeats while another on the same VPS may still be active. Open **Accounts**. |
| Missing trade alerts | Check **T.NTF**, correct Magic Numbers, Cloud Monitoring, pairing and Telegram permissions. Run **TEST** safely. |
| Windows/MT5 reinstalled | A new data directory can create a new terminal identity; verify registration and pairing. |

| Symptom | What to check |
|---|---|
| One MT5 Offline, other MT5 Online | Check VPS List → Accounts for the affected terminal. Individual MT5 alerts require a live VPS and enabled terminal alerts. |
| No MT5 terminal offline alert | Check Accounts → terminal → Alerts: Enabled; confirm the record is not forgotten, the VPS is Online and a new ONLINE → OFFLINE transition occurred. |
| Account hidden from Status | Open the VPS in Telegram → Accounts → Forgotten Terminals, then restore the hidden record. |
| CONFIG WAIT after MetaQuotes VPS migration | Wait for chart/EA discovery and check the Experts journal. Ensure the snapshot was READY FOR MIGRATION before migrating. |
| CONFIG ERROR / INPUTS HASH MISMATCH | Verify the correct account/server, all migrated EA chart identities and matching Inputs. Reapply locally and migrate the latest configuration. |
| No DD WARNING | Confirm DDProtection = ON and DD notification = ON. DD first warning must be greater than 0 and below Percent or account currency, in the same unit as the selected DD mode. A rapid jump to the limit can skip an early warning. Check cloud pairing and the Experts log. |
| DD Test Notifications missing | SETTINGS → TEST sends the DD WARNING TEST and DD TRIGGERED TEST alongside connection/news/trade test messages only when cloud registration is ready and Telegram is linked. There is no DD FAILED test. Check WebRequest and the bot. |
| DD FAILED / open positions remain | Inspect live positions and pending orders immediately. Check broker execution and the Experts log. DD FAILED means the requested protection outcome was not fully verified; do not assume that any remaining exposure was closed. |
| DD Protection triggered but no Telegram alert | DD enforcement and Telegram delivery are independent. Verify DD notification = ON, Enable cloud monitoring = true, pairing and connectivity. Queue and backend retries may delay delivery; verify the actual MT5 trading state directly. |

**Strategy Tester limitation:** Cloud Monitoring and Telegram testing are not available in the MT5 Strategy Tester. News filtering is bypassed where the live calendar is unavailable. Use a demo terminal for end-to-end operational tests.

MQL5 VPS migration: if the Manager shows CONFIG WAIT or CONFIG ERROR after migration, inspect the virtual terminal Experts journal. Confirm that the local machine logged READY FOR MIGRATION, the correct EA charts were migrated, and the account/server and Inputs still match. Do not trade until CONFIGURATION RESTORED has been confirmed.

# 14 / SAFETY NOTES & GLOSSARY

### Safety notes

- KONTROL_01 manages third-party EAs but does **not** provide trading signals or guarantee loss prevention.
- Pausing and resuming can remove/reinitialize an EA through chart templates. Test each EA's restart behavior first.
- Safe Resume and Safe Shutdown include chart-state checks intended to avoid replacing an EA already running on the chart. These checks reduce risk but cannot prove a closed third-party EX5 has recovered its original Inputs or internal state.
- When saved PAUSED AUTO state conflicts with a running EA, especially while a news, schedule, DD or manual block applies, KONTROL_01 can mark a restore fault instead of silently accepting the change. Review the EA and active protections before continuing.
- **PAUSE ALL**, News block actions, Schedule block actions and DD Protection can affect live pending orders or positions.
- Magic mapping must be accurate. A wildcard may cover more trades than intended.
- Net floating loss protection is **not** a historical drawdown-from-peak measurement.
- DD first warning is advisory only; it does not close trades. DD TRIGGERED / DD FAILED notifications describe verification outcomes and can be delayed. Never rely on Telegram as a substitute for monitoring open exposure.
- Cloud Monitoring detects missing heartbeat and reported broker connectivity; it does not prevent Windows/VPS failures.

Individual MT5 terminal alerts depend on the VPS remaining Online and the selected terminal being visible with alerts enabled. An offline VPS has its own status alert; notification delivery is not instantaneous or guaranteed.

- Telegram is a **monitoring and registration interface**, not a remote trading controller: it does not issue Pause, Resume or DD reset commands.
- Keep pairing and recovery codes private. Use the Telegram bot in a private chat.

The v1.312 restore safeguards were verified by static source review only. Correct behavior on your EA, broker, VPS and MetaTrader build must be tested in a demo or otherwise safe environment before live use.

Screenshot note: Figures are reference illustrations captured from earlier UI builds (including 1.290), not evidence of visual changes in v1.312. Use the current EA properties and Manager labels when following these instructions.

### Glossary

| Term | Meaning |
|---|---|
| **EA** | Expert Advisor attached to an MT5 chart. |
| **Magic Number** | Identifier used to associate broker trades/orders with an EA or strategy. |
| **WAIT-FLAT** | The Manager is waiting for the selected EA's positions to close before finishing a pause. |
| **VPS** | Virtual private server; in this guide, the shared machine registration monitored by KONTROL_01. |
| **Terminal** | A separate MT5 installation/data directory with its own monitoring identity. |
| **Heartbeat** | A regular status message sent to the cloud backend. |
| **Pairing Code** | Temporary code linking cloud monitoring to a Telegram account. |

| Term | Meaning |
| --- | --- |
| **Recovery Code** | Short-lived code used to transfer Telegram monitoring ownership. |
| **MetaQuotes VPS config snapshot** | Validated local settings and EA identity snapshot transferred for native MQL5 VPS migration. |
| **RESTORE ERROR** | An EA-level resume/recovery fault. Inspect the real chart and protection state before retrying; not automatically a whole-portfolio stop. |
| **NOT FOUND** | The expected EA chart/binding was not found or cannot yet be confirmed; reattach or rediscover it safely. |
| **RESCAN** | In AUTO mode, refreshes discovery and can reconnect an existing EA entry to a manually restored chart without intentionally discarding its settings. |
| DD notification | Optional Telegram reporting for DD WARNING, DD TRIGGERED and DD FAILED; requires Cloud Monitoring and pairing. |
| DD first warning | Optional preliminary threshold strictly between zero and the main DD limit; default 0.0 disables the early warning. |
| DD WARNING | Advance threshold notification, not a trade closing action. |
| DD TRIGGERED | DD limit hit and requested protection outcome verified by the agent. |
| DD FAILED | Requested protection outcome could not be fully verified; review live positions and pending orders. |