# MPX-1g

# Release Candidates

# Notes

Version 1.15-r11

09.03.2026

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## Table of Contents

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## Version 1.15-rc11

**09.03.2026**

### Fixed Issues

- No decoder output if RDS/stereo encoder right is missing

## Version 1.15-rc10

**05.03.2026**

### Fixed Issues

- RDS "automation interface" does not work via TCP connection (CSM-1586)
- Listening to the BNC input via Live Listening is disrupted
- UECP Log: The "View statistics" dialog does not open

## Version 1.15-rc9

**23.02.2026 – update: 02.03.2026**

### Fixed Issues

- RDS "automation interface" ignores end character '\n' (CSM-1503)
- Fixed random and seldom crashes in case SNMP traps are activated and sent
- Fixed hourly reboots in very rare cases under heavy load (CSM-1525)
- MP2 encoder: rollback to library version from 2022 to possibly fix rare MP2 encoding problems
- Sometimes GPI actions based on GPI tunneling state changes may not get triggered
- No MPX output after switching the decoder to BNC input with direct processing (CSM-1571)

## Version 1.15-rc8

**04.02.2026**

### Fixed Issues

- Settings file may get generated empty or incomplete
- Saving on the stereo encoder page causes an error when auto config mode is enabled

### New Functionality

- RDS IP ports now also support the "automation interface" (CSM-1503)

## Version 1.15-rc7

**28.01.2026**

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## New Functionality

- Added a configuration option for the favicon (website/tab icon)

| Web interface | | |
|---|---|---|
| Session timeout (0 = disable): | 0 | min |
| **Browser tab config:** | | |
| FAVICON ? | TITLE ? | |
| Icon ⌄ | [device] - [ip] | |
| Icon | | |
| Icon + Status e.g. Warning | | |
| Device + Status e.g. Error | | |

  You now have the possibility to show the overall status of the device via the icon color. You might even show the device type via the icon for better differentiation in case of many open browser tabs.
- Optional DAB tuner: the ensemble information is added to the information shown on the Overview page

## Changed functionality

- In case of devices with two power supplies, the power LED will flash red/green, if only one power supply is connected to power. This can now be suppressed by enabling only the power supply alarm for the connected power supply and disabling the alarm for the other one. In this case the power LED will show green. Please note, that for this updated behavior you also must update the System Controller firmware to version 1.08 – you will find this firmware via "Check for updates" from within the web interface in the section "Optional Updates". (CSM-1260)
- Optional DAB tuner: the DAB codec information is now shown in the Audio block of the Overview page
- Slight rework of the Storage status page

## Fixed Issues

- Updated SNMP library for better stability
- Extended the allowed range for the input source gain to -72 up to +12dB (instead of -12 up to +6dB)
- SAT tuner alarms may get triggered for an RF input, even if that input is currently not used and configured
- Stability improvements
- Fixed possible crash when loading settings
- SFN/SPN synchronisation disrupted
- The displayed audio level of the sine generator does not match the set level.

# Version 1.15-rc6

19.12.2025

## 🎄 Christmas present

- LiveListening is now included free of charge!

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## Fixed Issues

- Security fix according to BSI recommendation
- VLAN not selectable for SNMP Trap Manager destinations (CSM-1476)
- Periodic reboots due to a memory leak in the Pro-MPEG FEC decoder (CSM-1381)
- Fix possible crash report generation after doing a firmware update or a reboot (CSM-1499)
- TS stream info incomplete, or not shown at all on Overview page
- AAC audio decoding from TS may start severely delayed (CSM-1482)
- TS decoding may stop after SAT reception outage in some special cases (but only with the Advanced DVB-S/S2 Single Tuner)
- TS decoding may stop after TS/IP stream input outage in some special cases
- SNMP traps: Due to invalid OIDs in the SNMP MIB, some traps could not be assigned correctly

## New Functionality

- Added the possibility to decode SCTE-35 splice inserts and to trigger a GPO based on that.
  The SCTE-35 decoding can be enabled in the TS/Demux input source.

SCTE-35

| | |
|---|---|
| SCTE-35 decoding (splice inserts ➔ GPO): | ON |
| Configuration mode: | Service from list |
| Service: | TV 2 Nyheter Audio  SID 218 |
| Data PID: | PID 2891 |

Interface Settings
↳ GPO

State / Configuration

| | State | Inverted | Source | Parameter |
|---|---|---|---|---|
| GPO 1 | ⚫ | OFF | SCTE-35 | Audio output 1 |
| GPO 2 | ⚫ | OFF | Alarm | --- |

## Version 1.15-rc4

**19.11.2025**

### Fixed Issues

- Dual SAT tuner not working (bitrate is 0) (CSM-1443)
- Fix a possible crash when parsing the service table of a transport stream input (CSM-1461)
- RIST requested counter no longer resets after timeout and stream resume
- TS/Demux configuration dialog might not open with some special service lists and the device might even crash when trying to change the configuration via the LCD menu (CSM-1427)

### Changed functionality

- The list of present and missing licenses/rights on the System Settings / Global page is now presented in a clearer fashion

Rights:

| | | |
|---|---|---|
| ✔ 4 Channels | ✔ SRT Encoder | – NFS |
| ✔ Dual DVB-S/S2 Tuner | ✔ TS Decoder | – S3 |
| ✔ Ravenna | ✔ TS Encoder | – DAB+ Encoder |
| ✔ Livewire | – MPE | – FhG MuxEnc |
| ✔ EBU Tech 3326 | ✔ TS Forwarding | – FhG AAC |
| ✔ Live Listening | ✔ HLS Decoder | – DCP Mpxa |
| ✔ SRT Decoder | ✔ 5 HLS connections | |

## Version 1.15-rc3 - retracted

**21.10.2025 – update: 11.11.2025**

### Known Issues

- Dual SAT tuner not working (bitrate is 0) (CSM-1443)

### Fixed Issues

- Further improvements to PTP synchronization stability
- The reception of RTCP receiver reports was broken (since 2.17-rc4), thereby breaking the optional RIST functionality
- The Icecast client may get stuck in a redirect, not being able to re-establish the stream decoding (CSM-1358)
- Enhanced robustness of the SAT tuner inputs
- Fix the possibility of corrupted core dump files in case of an application crash
- The device could crash under special circumstances when loading settings
- SAT tuner: fix wrong status on LCD screen for RF2 input (showing "Not configured")
- When changing the width of one of the log tables the page got distorted (CSM-1200)
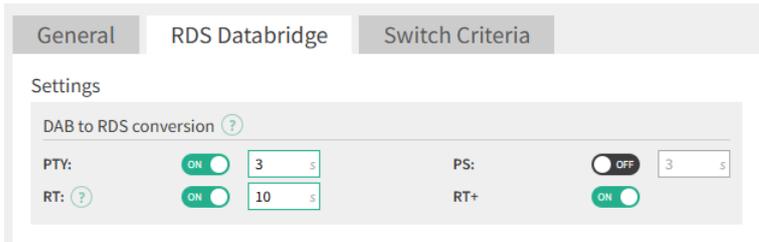- SAT tuner: no private/ancillary data output after reboot (CSM-1305)
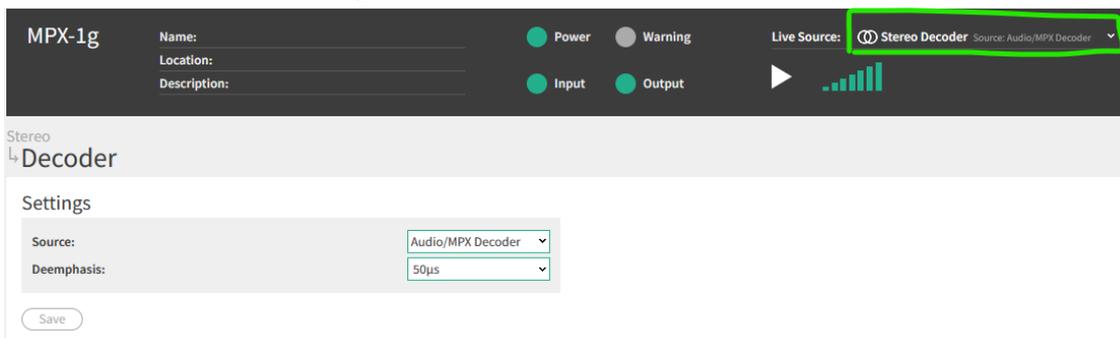
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- µMPX: When resetting all counters on the Overview page, brief audio errors sometimes occur (CSM-1335)

## New Functionality

- First support for new Dual DVB-S/S2/S2X Tuner
- DAB tuner (optional): Added an RDS Databridge as UECP ancillary data provider from the DAB PAD data
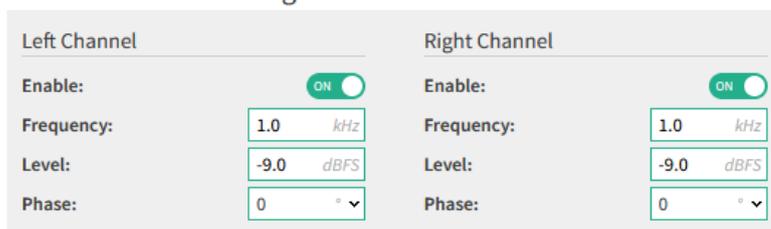


- Stereo Decoder: The stereo decoder enables the decoding (audio L+R) of an MPX signal. This audio signal is then available as a live listening source.



- Sinus Generator: This can be selected as the audio source for the stereo encoder.
  It generates various sine wave signals.



# Version 1.15-rc2

**06.08.2025 – update: 08.08.2025**

## Fixed Issues

- Watermarking: Not configurable with an SRT source
- RDS encoder: Synchronisation to external pilot tone is faulty

## Known Issues

- Output signal distorted after disconnecting XLR Input

## Version 1.15-rc1 - retracted

**05.08.2025 – update: 08.08.2025**

## New Functionality

- Add (optional): The detection and monitoring of watermarking / ContentID can be activated for each input source



## Fixed Issues

- TS/Demux - Decoder may not start decoding with APTmpX codec (CSM-1172)
- No private/ancillary data output from SAT after reboot (CSM-1305)

## Known Issues

- RDS encoder: Synchronisation to external pilot tone is faulty

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