MPX-2ds/2d

Release Candidates

Notes

Version 1.03-rc2

09.10.2025

Your audio. Our solution.

Table of Contents

Your audio. Our solution.

Version 1.03-rc2

09.10.2025

Fixed Issues

- µMPX: When resetting all counters on the Overview page, brief audio errors sometimes occur (CSM-1335)
- SAT tuner: no private/ancillary data output after reboot (CSM-1305)
- No displayed source on UDP Ancillary Output after select and save (CSM-1305)
- When changing the width of one of the log tables the page got distorted (CSM-1200)
- Icecast Server input source: add/delete didn't show immediate effect
- After e. g. disabling/enabling an AES67 output the stream has an UTC/TAI offset of 37 seconds (CSM-1329)
- The device could crash under special circumstances when loading settings
- SAT tuner: fix wrong status on LCD screen for RF2 input (showing "Not configured")
- Fix the possibility of corrupted core dump files in case of an application crash
- Enhanced robustness of the SAT tuner inputs

New Functionality

- The possible actions that can be triggered by a GPI are enhanced by two new options, which allow to enable or disable a decoder input source
- First support for new Dual DVB-S/S2/S2X Tuner

Changed Functionality

- The PTP functionality did get a complete revision, as it was not working reliably. In the course of these changes we did also revise the way to configure everything related to time and clock handling including NTP and external clock.
  Before this revision several menu options were involved in the configuration. The selection of interfaces, on which PTP should be enabled was done via the "Network Settings / Services" menu. The PTP configuration itself (e. g. domain number and delay mechanism) was done via the "AoIP Settings / External Clock" menu (but only allowing to use the same configuration for all interfaces enabled for PTP). NTP configuration was done via "Network Settings / NTP", time configuration (time zone) via "System Settings / Time". Pretty much scattered all over the place.
 All these configuration options are now consolidated into a single place – the menu "System Settings / Time/Clock":

You still have to configure via the "External Clock" tab (which corresponds to the former "AoIP Settings / External Clock" menu), if and which external clock source (PTP, NTP, 1PPS) should be used for the audio clock synchronization (including optional AES67 outputs).
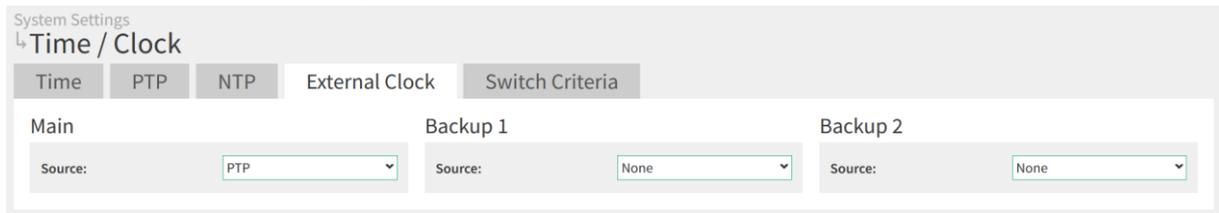
If a backup for the external clock is configured (e. g. NTP), the switch criteria are now configured via the "Switch Criteria" tab of the "Time / Clock" menu.
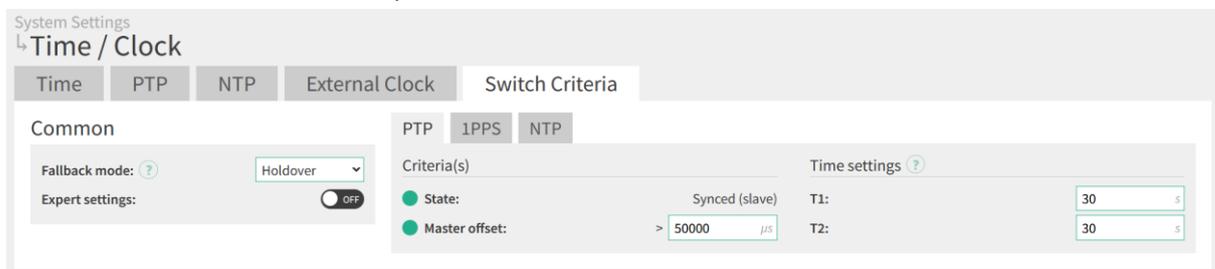
There's also a new "Fallback mode" which allows you to control the behaviour if all configured external clock sources do fail. In "Holdover" mode (the new default) the device will keep the last external clock (no longer regulated) and will not switch to the internal clock, which would always result in a glitch.

- Together with the revision of the time and clock configuration we did also revise the available status information for time / NTP / PTP / external clock. Before the revision the NTP status could be found via the "Status / NTP" menu, whereas the external clock status could be found on the Overview page in a separate tab. PTP status information was only provided via this "External Clock" tab on the Overview page.
  The complete status information for all this is now also consolidated into a single place – the menu "Status / Time/Clock":