



**Customer
Release
Note**



**OMEGA / MEDIAN / DELTA /
E-PiCo**

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12.1.0 Rev A

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ECLIPSE HX VERSION 12.1.0 Rev A RELEASE NOTE

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1 Introduction

1.1 Scope

This document describes the changes to Eclipse HX in v12.1.0 & v12.0.0

1.2 v12.1.0 Rev A

1.2.1 System Features added in v12.1.0 Rev A

1.2.1.1 E-IPA E1 MODE

E-IPA card with a 32 Port license can be configured to support 10 E1 Transceivers via two fiber splitters (50 Beltpacks 1.9GHz & 2.4GHz).

1.2.1.2 Subscription based licensing for Agent-IC clients

(TP Ref 70891) The subscription-based license support required for new Agent-IC purchases is now supported by the HX firmware.

1.2.1.3 IRIS and IPTs connecting across IP layer 3.

(TP Ref 67246) IRIS panel, FS2 and FSE IPTs can now be connected through different IP Layer 3 subnets, synchronizing using the clock sources in each subnet.

1.2.1.4 FreeSpeak Edge Enhanced 5GHz Channel Scanning

From the EHX, the user can initiate the channel scanning feature for FS Edge Transceivers to scan for WIFI or other wireless activities in each 5GHz channel.

1.2.1.5 FreeSpeak Edge Transceiver Roaming Configuration

(TP Ref 41139) From the EHX, for each beltpack role, the user can select a list of transceivers it can and cannot roam to.

1.2.1.6 FreeSpeak Edge beltpack channel label color

(TP Ref 69885) The FSE beltpack now shows the channel label in different colors based on the talk-latch state.

1.2.1.7 FreeSpeak Edge Beltpack Always latch keys.

(TP Ref 69884) From the EHX, for each beltpack keyset, the user can choose to have the key always latching regardless of how long the button stays pressed.

1.2.1.8 FreeSpeak II and FreeSpeak Edge transceiver matrix/port reassignment on 'Apply Changes' download.

(TP Ref 67715) This feature allows both FreeSpeak II and FreeSpeak Edge transceivers to be moved from one matrix to another matrix using the apply changes (without reset) configuration download. This feature extends the dynamic IP workflow capabilities of the HX system.

1.2.2 Other Features and Fixes added in v12.1.0 Rev A

1.2.2.1 EHX Configuration Application

TP Ref: 72792

New operation/Bug Fix: Update matrix power calculation meaning that map containing 5 E-IPA could be downloaded to matrix.

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TP Ref:	69488
New operation/Bug Fix:	Improved EHX client session via remote desktop connection.
TP Ref:	69864
New operation/Bug Fix:	Improved stability of Matrix CPU card whilst IPA cards are upgrading.
TP Ref:	70551
New operation/Bug Fix:	Increased stability of USB upgrade of FSII beltpack and its effects on EHX.
TP Ref:	72335
New operation/Bug Fix:	Power calculator updated to increase card capacity.
TP Ref:	71750
New operation/Bug Fix:	PTP stats screen now visible when only AES67 Directs are configured.
TP Ref:	72331
New operation/Bug Fix:	Improve Event Log UI and responsiveness.
TP Ref:	72154
New operation/Bug Fix:	Prevent duplication of names and addresses AES67 Tx streams within a single IPA card.
TP Ref:	65113
New operation/Bug Fix:	Improved Windows scaling.

1.2.2.2 CPU Card Application

TP Ref:	74385
New operation/Bug Fix:	E-MADI and E-Dante cards were not fully configured in matrix slots 14 and 15.
TP Ref:	36645
New operation/Bug Fix:	Improved Remote GPIOs actions stability
TP Ref:	63010
New operation/Bug Fix:	Increase the number of supported concurrent wireless roaming transactions.
TP Ref:	66215
New operation/Bug Fix:	AES67 Diagnostic Improvements
TP Ref:	67355
New operation/Bug Fix:	Increase stability of Dynam-EC advanced IFB viewer.
TP Ref:	67602
New operation/Bug Fix:	Matrix IP table exchange.

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TP Ref:	67160
New operation/Bug Fix:	Improved redundant IVC32 card switchover.
TP Ref:	65244
New operation/Bug Fix:	Fix for 32 Key V-Series panel keys being auto unlatched when the panel comes online.
TP Ref:	61318
New operation/Bug Fix:	HCI Action Verification
TP Ref:	72383
New operation/Bug Fix:	Increased stability of CPU Matrix switchover to slave card.
TP Ref:	69100
New operation/Bug Fix:	Corrections for fiber routing on large fiber systems
TP Ref:	69234
New operation/Bug Fix:	CPU card application updates post static analysis.
TP Ref:	70545
New operation/Bug Fix:	Improved PTT talk key operation.
TP Ref:	69922
New operation/Bug Fix:	Update to Crosspoint on E-Dante ports.
TP Ref:	68258
New operation/Bug Fix:	Mirrored key latch process improved.
TP Ref:	72766
New operation/Bug Fix:	Matrix boot up cleaned up.
TP Ref:	69864
New operation/Bug Fix:	CPU and E-IPA cards stability improved during firmware upgrade.
TP Ref:	72942
New operation/Bug Fix:	Fixed an intermittent panel LED state lockup.

1.2.2.3 Beltpack - FSII 1.9 GHz and FS II 2.4 GHz

TP Ref:	58143
New operation/Bug Fix:	Improved Out-of-range alarm FSII BPs.
TP Ref:	65364
New operation/Bug Fix:	BP role label on NID stabilized.

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1.2.2.4 Beltpack - FS Edge

TP Ref:	67495, 65813, 60307, 59195
New operation/Bug Fix:	Improvements to battery status reporting.
TP Ref:	67895, 63272, 62527
New operation/Bug Fix:	Beltpack charger charge status improved.
TP Ref:	58861
New operation/Bug Fix BP:	Improved battery alarm on low battery.
TP Ref:	70559
New operation/Bug Fix:	BP flashlight improved.
TP Ref:	70432
New operation/Bug Fix:	BP persistent log updated.
TP Ref:	63691
New operation/Bug Fix:	BP wireless signal bars Now improved.
TP Ref:	65354
New operation/Bug Fix:	BP Persist local settings reworked.
TP Ref:	70146
New operation/Bug Fix:	Eavesdropping option in BP menu.
TP Ref:	63402
New operation/Bug Fix:	Beltpack: Sound activity on top keys does not wake up screen saver.
TP Ref:	65224
New operation/Bug Fix:	BP mic type changeover enhancement.
TP Ref:	57579, 54824
New operation/Bug Fix:	BP Light on D key behavior changed during booting and upgrading.

1.2.2.5 IP Transceivers- FSII TCVR and FS Edge TCVR

TP Ref:	68604
New operation/Bug Fix:	EDGE-TCVR FPGA upgrade improvement.
TP Ref:	71898, 68360
New operation/Bug Fix:	EDGE TCVR: boot up process increased robustness across all channels.
TP Ref:	63688
New operation/Bug Fix:	Reset to default sometimes does not reset to DHCP. Now fixed.

1.2.2.6 E-IPA-HX Card

TP Ref: 72242 72239 72219 72043 71335 69936 69901 68520 68131
New operation/Bug Fix: Stability and upgrade improvements.

TP Ref: 72671
New operation/Bug Fix: IPA: AES67 audio bring up enhancement.

TP Ref: 72192
New operation/Bug Fix: AoIP direct improvement

TP Ref: 66656
New operation/Bug Fix: Audio on V-Series over IVC connection stabilized.

TP Ref: 68164
New operation/Bug Fix: IPA switched to using port 6002 for LQ use.

1.2.2.7 V-Series Iris

TP Ref: 69589
New operation/Bug Fix: LEDS cleared on panel connection reset.

TP Ref: 70009
New operation/Bug Fix: Toggling from non-Latin to Latin characters functionality improvement.

TP Ref: 69588
New operation/Bug Fix: Add user feedback when reset option.

TP Ref: 71914
New operation/Bug Fix: Full Width CJK characters on V-Series Iris panels Improved.

TP Ref: 70484
New operation/Bug Fix: Listen again playback stabilized.

TP Ref: 66769
New operation/Bug Fix: V-Series Iris panel long term stability enhanced.

TP Ref: 72377
New operation/Bug Fix: Improved reboot on upgrade process.

TP Ref: 65727
New operation/Bug Fix: Internal panel protocol improvement.

1.2.2.8 DYNAM-EC

TP Ref: 70010

New operation/Bug Fix: SIP state now displayed correctly for Telephony devices.
TP Ref: 66900
New operation/Bug Fix: Configurable colors for Telephony device states on the layout screen.

1.2.2.9 MVX

TP Ref: 72070
New operation/Bug Fix: MK3 Board DTMF Mark Space ratio change to 50ms Mark and 50ms Space.

TP Ref: 71358
New operation/Bug Fix: Improved Fixed panels coming online.

1.2.2.10 EQU (IVC-32)

TP Ref: 69676
New operation/Bug Fix: Increasing timeout on IVC-32 IVP server.

1.3 v12.0.0 Rev A

1.3.1 System Features added in v12.0.0 Rev A

1.3.1.1 FreeSpeak Edge Wireless

Support for the FreeSpeak Edge wireless system is added in v12. This system builds on the E-IPA based FreeSpeak II / 2.4 architecture and supports the same powerful core feature set.

See FreeSpeak Edge product documentation for more information and the additional capabilities offered by the FS Edge wireless system.

1.3.1.2 SMPTE 2110-30 support on the E-IPA Card

Support for ST2110-30 compliant AES67 streams to/from third party devices (EHX “directs”), protocol license required. Also, may be configured as Intelligent trunks to other Eclipse-HX matrices fitted with an E-IPA card.

Capabilities include:

- E-IPA as PTP clock master
- 16-bit, 24-bit, or 32-bit AES67 channels
- 1ms or 125us packet sizes

AES67 direct and trunk ports be used concurrently with the other supported E-IPA port types.

1.3.1.3 New configurable PTP parameters on the E-IPA card

It is now possible to configure PTP parameters on the E-IPA cards in v12. These settings are also automatically pushed to the FreeSpeak II IPT, FreeSpeak Edge and IRIS panels connected to the system.

Configuration parameters include:

- PTP slave mode on the E-IPA
- RTP payload ID
- PTP profile
- PTP domain
- PTP priority A and B
- Announce interval.
- Announce receipt timeout.
- Sync interval

1.3.1.4 Linking multiple fibre rings (CRIB Cross Ring IP Bridging)

More than one fibre ring can be configured in a large system, and these rings can be linked (bridged) by any of the other types of trunk i.e., analogue, E1, T1, IP (IVP, AES67 or Dante). All previous Intelligent Linking features are supported across bridged ring networks, including Dynam-EC control and monitoring.

1.3.1.5 Multiple Wireless IPA Cards in a Single Matrix

Prior to v12 only a single wireless E-IPA card could be configured in a matrix. With the addition of FreeSpeak Edge this capacity has been increased to support multiple wireless E-IPA cards in a single matrix. **Restrictions apply (see Eclipse-HX user guide for details).**

1.3.1.6 Conformance to California Password Law (SB-327)

The use of default passwords on any HX system component IP interface has been replaced with a password unique to the device upon the components serial number to conform with SB-327. This can be overridden centrally in EHX with a global password that is set by the EHX administrator.

1.3.1.7 Removal of FreeSpeak I Support

FreeSpeak I (FSBP) support is removed in v12.0. All FreeSpeak I configuration is removed from existing EHX projects imported in to the v12.0 EHX software.

1.3.2 Other Features and Fixes added in v12.0.0 Rev A

The following system features were added to the Eclipse HX system in the v12.0.0 release.

Note the TP reference number is used to track issues, please quote if requesting further details.

1.3.2.1 EHX Configuration Application

TP Ref: 61580

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- New operation/Bug Fix:** New feature for user to recycle HCI TCP sockets used in EHX server to Matrix connection.
- TP Ref:** 57873
New operation/Bug Fix: Agent IC on E-IPA configuration details now correctly shown.
- TP Ref:** 59340
New operation/Bug Fix: Support for multiple wireless status screens in EHX for intelligently linked matrices.
- TP Ref:** 60632
New operation/Bug Fix: Crosspoint diagnostics report help menu feature removed, now available via event log request screen.
- TP Ref:** 60669
New operation/Bug Fix: Monitoring screen search enhancement using "*Regular Expressions*".
- TP Ref:** 60681
New operation/Bug Fix: V-Series Panel IVC ports may share same credentials if on different matrixes.
- TP Ref:** 61190
New operation/Bug Fix: Option to enable/disable level averaging of on intercom panels and clients.
- TP Ref:** 59344
New operation/Bug Fix: Speed up key assignment in panel programming
- TP Ref:** 61857
New operation/Bug Fix: Corrupt database file no longer prevents save diagnostics or matrix log displayer retrieving logs.
- TP Ref:** 61864
New operation/Bug Fix: EHX Supervision of Expansion panels is now blocked at the user interface.
- TP Ref:** 62161
New operation/Bug Fix: Improve initial draw time for wireless status and monitoring screens.
- TP Ref:** 62256
New operation/Bug Fix: SIP client port type is now available for HX-Pico matrices
- TP Ref:** 62378
New operation/Bug Fix: Corrected issue causing panel key backup and restore to effect level settings.
- TP Ref:** 51965
New operation/Bug Fix: EHX Local Advanced: Controls can now the target for pre-set talk actions. (ref incoming calls signals).
- TP Ref:** 63215
New operation/Bug Fix: Corrected EHX panel label display in panel programming: Split key text not always displayed correctly and Alt key text not visible at all in

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- TP Ref:** 62086
New operation/Bug Fix: EHX panel programming: Consistent EHX Supervisor Mode key colour rendering
- TP Ref:** 63315
New operation/Bug Fix: Fibre channel count granularity corrected.
- TP Ref:** 63374
New operation/Bug Fix: EHX to Matrix message HCI 'ping' increased to 10 bytes to avoid warnings in some network monitoring tools.
- TP Ref:** 65682
New operation/Bug Fix: EHX event log filter more reliable
- TP Ref:** 63673
New operation/Bug Fix: EHX event log now shows all lines in historic mode.

1.3.2.2 CPU Card Application

- TP Ref:** 43933
New operation/Bug Fix: Add support for linked matrix access to PL turnaround ports.
- TP Ref:** 44246
New operation/Bug Fix: Fix issue where certain key latches were lost on Apply Changes (remote access and logic related)
- TP Ref:** 44727
New operation/Bug Fix: Increased speed of "Apply Changes" map processing (ref panel key lookup lists)
- TP Ref:** 44809
New operation/Bug Fix: Fixed issue which caused a latched VOX tally on panels following IFB assignments made by Dynam-EC.
- TP Ref:** 47913
New operation/Bug Fix: Incoming HCI messages **now** Integrity checked.
- TP Ref:** 36645
New operation/Bug Fix: Fixed issue which could cause remote GPIOs not to clear down.
- TP Ref:** 52875
New operation/Bug Fix: Increased OTA registration timeout to 10 minutes in the config card
- TP Ref:** 54107
New operation/Bug Fix: New HCI Messaging: Telephony key press notification
- TP Ref:** 53801
New operation/Bug Fix: FreeSpeak wireless connection stability improvements

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- TP Ref:** 55437
New operation/Bug Fix: Addition of pass-coded tradeshow matrix mode
- TP Ref:** 57287
New operation/Bug Fix: EHX supervisor mode now works when dim tallies are disabled on target.
- TP Ref:** 59196
New operation/Bug Fix: Corrected issue causing remote routing between auto listen ports resulted in a stuck crosspoint.
- TP Ref:** 59600
New operation/Bug Fix: MAD1 card failure state now correctly triggers trunk failure action on all related trunk lines.
- TP Ref:** 59355
New operation/Bug Fix: Corrected issue which sometimes caused E-Dante card error LED to turn on when no card/link errors.
- TP Ref:** 58658
New operation/Bug Fix: Unassigning Key-Group keys and Scroll Group assigned keys when latched no longer causes stuck crosspoints.
- TP Ref:** 62391
New operation/Bug Fix: HCI: Virtual Mic and Sidetone feature for HCI clients using 3rd party keys.
- TP Ref:** 62585
New operation/Bug Fix: Corrected issue which prevented FreeSpeak beltpacks showing in-use tally.

1.3.2.3 FSII 1.9 GHz Beltpacks

- TP Ref:** 48462
New operation/Bug Fix: Fixed issue with headset detect instability.
- TP Ref:** 50408
New operation/Bug Fix: Audio supported between beltpacks in standalone mode of operation.
- TP Ref:** 53741
New operation/Bug Fix: System Sync menu option removed.
- TP Ref:** 54423
New operation/Bug Fix: Fix issue where incorrect region is shown on beltpack.
- TP Ref:** 63429
New operation/Bug Fix: Corrected a cause of FSII Beltpack display corruption.

1.3.2.4 FSII 1.9 GHz Transceivers

TP Ref: 51530
New operation/Bug Fix: Chile DECT Region support

1.3.2.5 E-DANTE64 Card

TP Ref: 61636
New operation/Bug Fix: Support for Audinate Brooklyn II firmware application version 4.2.0.28 See Audinate website for more information ref ST2110-30 / AES67 profile.

1.3.2.6 E-IPA-HX Card

TP Ref: 51107
New operation/Bug Fix: Use MAC address for DHCP client identifier

TP Ref: 60247
New operation/Bug Fix: Clock stability improvements when E-IPA operating as a PTP slave.

TP Ref: 53110
New operation/Bug Fix: Now possible to upgrade the E-IPA firmware if it failed on the first attempt.

TP Ref: 58998
New operation/Bug Fix: Removing wireless ports on a NID no longer prevent beltpacks from properly connecting.

TP Ref: 59840
New operation/Bug Fix: Corrected possible issue when E-IPA receives late DHCP response: Audio streams were incorrectly addressing FreeSpeak II IP transceiver.

TP Ref: 60030
New operation/Bug Fix: Improved audio quality when routing audio to FreeSpeak II IPTs or IRIS panel on AES67

TP Ref: 59083
New operation/Bug Fix: Removed a possible source of CRC errors on E-IPA AES67 network interface.

TP Ref: 59102
New operation/Bug Fix: Cured issues which could cause bad audio to be heard on Beltpacks following a failed handover.

TP Ref: 59102
New operation/Bug Fix: Cured issues which could cause noisy/bad audio on AES67 streams.

TP Ref: 60602
New operation/Bug Fix: Can now accept PTP packets from any source port.

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TP Ref: 60848
New operation/Bug Fix: CCM access now only supported through the configured ADMIN interface.

TP Ref: 63678
New operation/Bug Fix: Stopped mobile client silence suppression messages causing CPU card corruption.

1.3.2.7 FSII-TCVR-IP-19

TP Ref: 56568
New operation/Bug Fix: Use MAC address for DHCP client identifier for better IP address stability.

TP Ref: 60247
New operation/Bug Fix: Clock stability improvements when E-IPA operating as a PTP slave.

TP Ref: 52235
New operation/Bug Fix: Cure for very occasional DECT sync failure after a black reset.

TP Ref: 61850
New operation/Bug Fix: Cured issue causing IPT not to create AoIP stream. (Resulted from connection drop 120 seconds after power-up).

TP Ref: 61430
New operation/Bug Fix: Change default PTP priority to 254 to stop possibility of Transceiver becoming a PTP master.

TP Ref: 57417
New operation/Bug Fix: IPT now shows correct admin IP address when viewed with CCM.

TP Ref: 57755
New operation/Bug Fix: Corrected possible issue which could cause IPTs AES address to incorrectly revert to DHCP after an upgrade.

TP Ref: 57752
New operation/Bug Fix: Corrected an issue which stopped CCM interface after IPT has been powered for some time.

TP Ref: 59149
New operation/Bug Fix: Corrected a possible cause for one-way audio to IPTs.

TP Ref: 63684
New operation/Bug Fix: Corrected a possible issue causing a E-IPA DSP crash on a black reset.

TP Ref: 63692
New operation/Bug Fix: Corrected issue causing noisy audio received on some beltpacks.

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TP Ref: 65826
New operation/Bug Fix: Corrected issues where upgrade would fail if IPT internal storage is full.

1.3.2.8 V-Series

TP Ref: 57884
New operation/Bug Fix: V-Series panel telnet interface disabled by default.

TP Ref: 52197
New operation/Bug Fix: V-Series communication protocol improved to reduce incidence of Matrix connection dropouts over longer cable runs.

1.3.2.9 V-Series Iris

TP Ref: 56568
New operation/Bug Fix: Now use MAC address for DHCP client identifier.

TP Ref: 59498
New operation/Bug Fix: Corrected DSP crash caused by repetitive use of the listen again feature.

TP Ref: 63022
New operation/Bug Fix: Corrected V-Series Iris display corruption caused when IRIS panel did not correctly delete previously configured Kanji Characters.

TP Ref: 63023
New operation/Bug Fix: Now shows all characters when using mixed Kanji and Latin characters in label.

TP Ref: 66769
New operation/Bug Fix: Fix for occasional panel lockup after 49 days of continuous operation.

1.3.2.10 Dynam-EC

TP Ref: 63361
New operation/Bug Fix: Remote matrix LMC meters and monitors now setup correctly after a download to matrix.

2 Known Issues

This section details those issues that contradict the relevant manuals included in this release. These issues have not been resolved in v12.1 and are listed here to help you use the system more effectively.

2.1 I-Station Panel Upgrades

Central upgrade from EHX is not support on all I-Stations, when upgrading I-Stations with the serial number 45PC0001 or above you must contact your Clear-Com sales representative first.

2.2 V-Series panels upgrade issues.

The V-Series panels firmware is much larger than other panels' firmware and as such cannot be stored in flash memory in the rack, as other panels firmware can be. It has to be retained in the buffer used to store firmware which is in the process of being downloaded to panels.

The result is that if a V-Series panel upgrade is occurring and another panel type upgrade is begun, that new upgrade will over-write the V-Series panels firmware - in the middle of the V-Series panels upgrade. This breaks the upgrade. The recommended solution is to upgrade V-Series panels last.

2.3 V-Series Iris Panel Upgrade Issues

Central firmware upgrade of the V-Series Iris panel is only supported for AES67 connected panels. Panels utilising other matrix connection types should be upgraded via USB stick (front or rear facing ports).

2.4 i-Station Expansion panel upgrade issues

It is recommended that if you are upgrading an i-Station expansion panel (e-1410E) then do so before upgrading its host i-Station panel. Upgrading the i-Station panel first can result in the e-1410E being unusable after upgrade – if this is the case then please contact your supplier.

Please note that the e-1410E upgrade is only required if it is prone to multiple key presses at the same time as there is a problem with the previous version 010112 when multiple keys (3 or more) are pressed simultaneously then the panel can reset.

2.5 EHX Display Settings Restoration

There is a known issue that if EHX display settings (e.g., window size) are incorrect they may be restored to factory default by deleting the settings file which may be found in

C:\Documents and Settings\\Application Data\ClearCom\Eclipse Configuration System\EclipseClient.user - For Windows XP

Or

C:\Users\\AppData\Roaming\Clearcom\Eclipse Configuration System\EclipseClient.user - For Windows 7

2.6 Duplicate items in assignment mode of i-Station panel

There is a known issue with the display of duplicate items (or triple items on controls) are listed in the assignment mode of the i-Station panel.

When the port is a Global IFB then EHX has to send a port and IFB entity to the rack and both get shown.

EHX must send 3 controls for each control to simulate talk/listen activation on attachments.

Therefore, they appear in duplicate/triplicate.

2.7 TEL-14 is unable to send multiple call signals to a panel.

There is a known issue when you configure a panel to enable call signal alerts. If you configure a TEL-14 interface to have a DTMF access code to the panel and enter the code to generate a call signal tone (91), the call signal tone is heard but if the audio route is removed by use of the 00 code then re-established by entering 91 again then the call signal is not generated at the panel.

2.8 EHX Map Build Fails with Control Macros

There is a known issue where an EHX map with the older scripted Control Macros, (not Logic Maestro), that were previously working, stops building when attempting to download. To fix this for the current session restart the PC.

2.9 Aux Mic level cannot be set on i-Station panel.

There is a known issue that the i-Station panel Aux Mic level cannot be set by EHX.

2.10 Fiber cards reporting TRANSCIEVER UP/DOWN

If one of the nodes in a multiple fibered system is faulty you may receive in the EHX logs multiple messages of the following format

FIBERCARD slot xx transceiver A UP

Or

FIBERCARD slot xx transceiver A DOWN

2.11 IVC-32 can disconnect and reconnect on Apply Change.

The user should be aware that any IP panel connected to an IVC-32 which has had its connection type set in the panel menus to something other than DEFAULT, and whose value does not match the connection type configured in EHX, will briefly drop offline after a non-intrusive download.

To avoid this happening, the required connection type should be set for the panel in EHX, and the connection type configured in the panel menus should be left at DEFAULT.

2.12 IP Panel will not automatically log in after TFTP upgrade.

An IP Panel will not automatically log in after being upgraded via TFTP. The panel needs to be restarted after the upgrade. The IP Settings should then be re-entered from the IP SETUP menu before the panel will be able to login.

2.13 Assigning remote groups via online mode fails

In a multi-system set-up, assigning a group from a remote system to a panel results in one of the local system groups showing up on the panel instead.

Making same assignment offline and downloading it to the system gives the correct result. Any subsequent online mode assignments of the same group will work but assigning any other remote group in online mode fails again in the same way as described above.

2.14 Rarely, a Fiber ring will not recover from loopback mode.

Sometimes when after the primary and secondary fiber connections fail, the system may not recover from loopback mode if the secondary connection only comes up. The system recovers correctly when the primary connection is restored.

2.15 IP Address Clash

Please ensure that there are no IP address clashes on the network.

If there is an IP address clash between an IVC-32 and another component on the network, then this may cause the IVC-32 to reset.

If there is an IP address clash between an IP panel and another component on the network, then this may cause the IP Panel to reset.

It is recommended that to reduce the possibility of an IP address clash that the panels are configured for DHCP mode (default mode).

2.16 Monitoring screen AES67 and Wireless Status information Issues

On larger installations, when higher volumes of state transition occur there can be times when the monitoring information is stale for certain elements.

2.17 Restart of Daisy chained Edge transceiver can cause beltpack disconnect.

Resetting a downstream Edge transceiver can result in beltpack disconnect due to a period of jitter of the PTP clock and the transceiver audio restarts.

2.18 Forced Listen and Talk & Forced Listen Keygroup assignments Issues.

The Listen part of the FL and TFL keygroup assignments are not actioned.

2.19 Compatibility warning when closing down EHX.

On certain machines a compatibility warning is seen when shutting down EHX. A Program Compatibility Assistant window is displayed stating 'Did this program work correctly?'. There is no adverse side effect so of this issue and is only seen at shutdown of EHX.

2.20 E-IPA connected V-Series Iris panel sometimes shows a blank screen when disconnected.

Sometimes the offline screen of the V-Series Iris panel is not shown when the E-IPA connection to the panel is dropped. This is hard to reproduce and therefore not yet addressed.

2.21 Misleading PTP status in EHX PTP plots

When a device is down (e.g., IPA), there is no data in the status graphs (similar to the wireless status page). A plot is drawn between the last received point, to the first point of the new data. The data should of course be ground, but currently the plot can be misleading.

3 Configuration Issues

3.1 GPI-6 and RLY-6 Installation

During the configuration of GPI-6 modules and RLY-6 modules, the Eclipse HX Omega\Median Systems requires the GPI-6 modules to be connected to the Eclipse HX Frame first, and then each GPI-6 module is daisy chained. If RLY-6 modules are also to be connected, they are required to be connected after the GPI-6 modules. If no GPI-6 modules are used, then the RLY-6 module is connected to the Frame connector.

4 Obsolete component support

4.1 DIG-2 and T-Adaptor Support

From Eclipse version HX 7.6 and above, the DIG-2 and T-adaptor modules are only supported on selected customer installs by previous agreement.

4.2 FreeSpeak 1 Transceivers and Beltpacks

From Eclipse version HX12 and above, obsolete FreeSpeak 1 transceivers and beltpacks are no longer supported.