

**Release
Note**

Eclipse & *EclipseHX*
OMEGA / MEDIAN / DELTA /
E-PiCo
System Drivers
RELEASE NOTE
Rev P

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ECLIPSE & ECLIPSE HX SYSTEM DRIVERS RELEASE NOTE

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1 Introduction

1.1 Scope

This document describes the changes to Eclipse HX in v9.0.0 since v8.8.0.

1.2 New Functionality added in v9.0.0 Rev A

The main features in Eclipse HX v9.0.0 Rev A

1.2.1 New Features

- Support for the new V-Series 32 Key Lever and 16 Key Lever expansion panels.

1.2.2 V-Series Changes

Issue:18971 – It was noticed that sometimes a V-Series upgrade would fail leaving the panel at its previous versions, steps have been taken to improve the reliability of the upgrade.

Issue:32194 – When setting the IFB Cut level on the EXT2 -> EXT2 crosspoint on the V-Series mixer the Matrix was erroneously reporting back the value for EXT1 -> EXT1, this meant that the User Interface did not show the correct setting of EXT2 -> EXT2 IFB Cut level.

Issue:32418 – Keys that were deleted using V-Series Local Key assignment could not be re-assigned using Local Key Assignment. This has been fixed.

Issue:31872 – When Supervising a panel, the reply key was not being removed from the supervisor panel and therefore if the target its reply key in a different position the supervisor would see two reply keys. The supervisors reply key is now correctly hidden whilst supervising.

Issue:30457 – Fixed erroneous behaviour of Synchronised Dual Talk & Listen keys, after an Apply Changes without reset the LED state was not correctly synchronised.

Issue:30659 – The V-series 'RESET XPT' option was only resetting crosspoint gains to 0db for ports than we visible on the currently active page. This has been fixed and now is applied to all ports on all pages.

Issue:30411 – Fixed issue meaning that a Supervising panel would see its own menu items whilst in the menu rather than those configured on the target panel.

Issue:30716 – After adjusting the Input gain of a port which in Assignment mode the label text would not correctly refresh after exiting if the label only had listen activation. This meant the key text would show the chosen gain value rather than the port label.

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2 System Driver Components

2.1 Eclipse & Eclipse HX System Drivers

Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
710801Z	4216 Custom Interface panel (V3 Release)		S Record	E400H	B	BDH54M	Pre v4.2
790016Z	4222E BBH54P APP CODE, 2RU 32 PB ID	NA	4kp	FFDE452E	A	BBH54P	v5.2.4
790017Z	4222E COAX BBG54P APP CODE, 2RU 32 PB ID		4kp	FFE762DF	A	BBG54P	v5.2.4
710703Z	4222E/4212E Panel Boot Code		S	n/a	A	BR_60E	Pre v4.2
710799Z	4222E/4212E Panel Boot Code (Unleaded)		S	n/a	A	BR_70G	Pre v4.2
710847Z	4224E/4226E/4294E/4215E Coax Panel		4kp	FFE5EF43	1 / A	PBG54M	Pre v4.2
710705Z	4224E/4226E/4294E/4215E Panel Boot Code		S	n/a	A	PR_60E	Pre v4.2
710800Z	4224E/4226E/4294E/4215E Panel Boot Code (Unleaded)		S	n/a	A	PR_70G	Pre v4.2
710704Z	4224E/4226E/4294E/4215E Panel Code	NA	4kp	FFDB8081	C	PBH54M	Pre v4.2
710802Z	4230 Vertical Extension panel (V3 Release)		MOT	NA	A	HDH10H	Pre v4.2
710813Z	AES-6 Application Code	AES-6 (710785Z)	MOT	n/a	3 / C	2.02	v5.2.2
710814Z	AES-6 XILINX Code	AES-6 (710785Z)	MCS	0x010c84be	H	H	V7.6.0B
710858Z	AES-6-3K Xilinx Firmware	AES-6 (710785Z)	MCS	FFB55407	2 / B	2	v5.1.1
790001Z	Config Card Boot EPROM Code Omega & Median Eclipse	ST 27W201	S Record	5468	B	2.4.22	v7.0.0 A
710622Z	Config Card U1 CPLD Code	XC9572	JED	681F	D	0.4.21.0	v7.1.0 A
710623Z	Config Card U53 CPLD Code	XC95144	JED	330F	B	0.2.27.0	v7.1.0 A
710624Z	Config Rear Card CPLD Code	XC9572	JED	9411	4 / D	C	Pre v4.2
710644Z	DIG-2 Front Card Application Code		S19	n/a	1 / A	B	Pre v4.2
710906Z	DIG-2 Front Card CPLD Code	Lattice 1016E	JED	0C8A	1 / A	A	Pre v4.2
710643Z	DIG-2 Rear Card CPLD (U8) Code	XC95288XL	JED	3.50E+08	1 / A	A	Pre v4.2
710633Z	Eclipse 32 Boot PROM Code		S Record	3294	E	2.4.23	v7.0.0 A
710659Z	Eclipse 32 FPGA Code	XCF04	MCS	0119AA3	E	1.5.19	v7.0.0 A
710660Z	Eclipse 32 Glue Logic CPLD	XC9572	JED	AB52	E	E	v7.0.0 A
710661Z	Eclipse 32 GPIO Logic	XC95144	JED	6417	2 / B	B	Pre v4.2
710848Z	Eclipse Serial Config Uploader		.EXE	n/a	1 / A	2.0.1	Pre v4.2

ECLIPSE HX VERSION 9.0.0 Rev A RELEASE NOTE

Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
710833Z	Eclipse Serial Number Generator		.EXE	n/a	1 / A	1.0.0.0	Pre v4.2
710794Z	E-Fibre Networking (Rear) FPGA		MCS	010f82f5c	4 / D	1.23	v5.1.1
710793Z	E-Fibre Router (Front) FPGA		MCS	010f73f00	4 / D	1.21	v5.1.1
790011Z	E-MADI CARD APP			n/a	B	0.20.9.0	v8.5.0A
790010Z	E-MADI CARD BOOT			n/a	A	0.7.8.0	v5.2.4
790012Z	E-MADI CARD DSP			n/a	A	1.4.11	v5.2.4
790009Z	E-MADI CARD FPGA			0x16DAB434	D	1.9.12.0	v8.5.0A
710810Z	E-Que Boot ROM Code		SREC	DBB8	2 / B	1.4	v5.0.3
790006Z	E-QUE MK 2 FPGA		MCS, SVF	0x11A2A52A	B	1.4.17.0	v7.6.0A
710807Z	E-QUE MK I FPGA	XCF16PVO48C	MCS, SVF	0x119FE4D8	H	0.24.16.0	V7.6.0A
790004Z	E-Que MK-II Boot ROM Code		BIN	n/a	A	1.8.13	v5.2.4
710582Z	E-Station Flash code	MMC2107-144	S19	B2AB	A	2.3	Pre v4.2
710581Z	E-Station Micro-P Boot Code	MMC2107-144	S19		A	2.5	v9.0.0A
780G004	FS II 1.9 ANTENNA APPLICATION FIRMWARE		FWW,FWS	n/a	A	38	v7.6.0D
780G003	FS II 1.9 BELTPACK APPLICATION FIRMWARE		FWW,FWS	n/a	K	102	v8.8.0A
780G026	FS II 2.4 ANTENNA FIRMWARE		FWW,FWS	n/a	B	0.30.49.0	v8.5.1A
780G025	FS II 2.4 BELTPACK APLPLICATION FIRMWARE		FWW,FWU,FWS	n/a	D	46	v8.7.0A
710907Z	FSBP CellCom / FreeSpeak Antenna and Beltpack bootloader		.MOT	n/a	A	1a	Pre v4.2
790008Z	FSBP DECT STACK FS-BPJ, FREESPEAK		.HEX	n/a	A	c6983_dect_hw_pp_v26_k19	v5.2.4
710831Z	FSBP FreeSpeak Beltpack RM5 DECT Stack		.HEX	n/a	2 / B	c6657_dect_hw_pp_v22_rm5	Pre v4.2
710828Z	FSBP MK I KIRK 6 Page BP App		.MOT	n/a	R	2K000279	V8.5.2A
710827Z	FSBP MK II – Kirk Module – App Code		.MOT	n/a	R	3K010279	V8.5.2A
710830Z	FSBP MK II – Kirk Module – DECT Code		.HEX	n/a	1 / A	C6983_dect_hw_pp_v22_k19	Pre v4.2
710615Z	ICS-2003 Front Panel VFD Firmware	18F242	HEX	104	B	1.1	Pre v4.2
710451Z	ICS-2003TE FPGA DNIC FRAMER COM-20 DIGITAL 2-WIRE COM. MODULE	QL2007-OPF144C	CHP, RPT	5270DC	A	A	Pre v4.2

ECLIPSE HX VERSION 9.0.0 Rev A RELEASE NOTE

Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
710537Z	IMF-3 Backplane PIC Firmware	PIC16F505	HEX	88F8	B	1.2	Pre v4.2
785G045	i-Station APP Code, Eclipse	N/A	FWP	n/a	C	020801	v9.0.0A
710663Z	i-Station Expansion Panel Code (e-Station)	NA	4kp/Hex/s19	FF9DBCAD	C	10116	v8.5.0A
710652Z	i-Station I-1100 CPLD	EPM3032ATC44-10N	POF	72059	A	1	Pre v4.2
710544Z	i-Station Master Station Flash code	29LV200	S19	477C	D	2.3.9	Pre v4.2
780G018	i-Station Micro-C Boot Code	MMC2107-144	S19	n/a	A	6	v8.0.0A
710547Z	i-Station PCI Code	PIC17C752	HEX	228A	A	A	Pre v4.2
780G012	MXV-HX APP Eclipse Omega/Median & Pico		FWC	n/a	A	2.12.7.0	v8.0.0A
780G015	MXV-HX BOOT Eclipse Omega/Median & Pico		FWC, MOT	n/a	A	2.12.6.0	v8.0.0A
780G011	MXV-HX Combined BOOT & APP H8 FLASH, ECLIPSE & PICO		BIN, MOT	n/a	A	2.12.7.0 2.12.6.0	v8.0.0A
710625Z	MXV-HX MKI FPGA PROM CODE ECLIPSE	XC18V04	MCS	031F12B9	J	1.2.18	v7.0.0 A
780G010	MXV-HX MKII FPGA FLASH MVXMK2		.MCS	MCS 0x33dbeb7a Flash 0x004ad7e9	C	2.9.47.0	v8.7.0A
710824Z	PD2201 Active Antenna RM5 Application		.MOT	n/a	2 / B	AA_AR0020i	Pre v4.2
710826Z	PD2201 Active Antenna RM5 DECT Stack		.HEX	n/a	2 / B	c6657_hw_fp_v21_rm5	Pre v4.2
710823Z	PD2201 Antenna - KIRK ACTIVE ANTENNA APP		.MOT	n/a	A	AA_AK000206	V7.6.0A
710825Z	PD2201 Antenna – Kirk Module – DECT Code		.HEX	n/a	1 / A	c6983_dect_hw_fp_v21_k19	Pre v4.2
790007Z	PD2201 DECT STACK PD2201J, FREESPEAK		.HEX	n/a	A	c6983_dect_hw_fp_V26_K19	v5.2.4
710836Z	PD2202 RM5 - 1-6 Page Beltpack App		.MOT	n/a	8 / J	1R010215	v5.2.2
710853Z	PD2202/FS BP I RM5 6 Page BP App		.MOT	n/a	7 / H	2R010215	v5.2.2

ECLIPSE HX VERSION 9.0.0 Rev A RELEASE NOTE

Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
710829Z	PD2203 Antenna Splitter Application		.MOT	n/a	1 / A	SP0x010C	Pre v4.2
785G053	S/W. E-QUE APP MK-I & MK-II ECLIPSE		.IMAGE	n/a	E	7.29.5.0	v8.7.0A
785G089	S/W, HX & ECLIPSE F/W USB IMAGE		.ZIP	n/a	D	D	v9.0.0A
750123Z	S/W, v1.1.14.0, DONGLE GENERATOR, ECLIPSE		.EXE	n/a	A	V1.1.14.0	v5.2.3
710756Z	TEL-14 PROC. ADAPT. APPLICATION S/W	89LPC935	HEX	NA	2 / B	1.1	Pre v4.2
710657Z	TW-60 Firmware	18F442	HEX	8F81	B	1	Pre v4.2
785G046	V-Series V-PANEL APP, ECLIPSE		FWP, JFFS2, 4KR	n/a	E	3.33.0	v9.0.0A
790039Z	V-Series Panel Display PIC Application Code, V-Series		HEX,FWP,4KP	n/a	C	0.47	v9.0.0A
710815Z	V-Series Panel Display PIC Boot Loader Code		4KP, HEX, FWP	n/a	3 / C	2	v5.1.3
780G014	V-Series Panel Kernel, V Series		vmlimage	n/a	B	2.6.24	v9.0.0A
780G013	V-Series Root File System, V Series		rootfs.cramfs	n/a	B	Dec_19_16	v9.0.0A
710859Z	V-Series T-Adapter Card Firmware		.LDR	n/a	1 / A	1	v5.1.1
710817Z	V-Series UBOOT TFTP IMAGE		LDR	n/a	H	0.2	v8.5.0A
780G036	E-DANTE64-HX H8 Application		.fwc	n/a	A	0.22.58.0	v8.8.0A
780G037	E-DANTE64-HX H8 FPGA		.fwc	0x14a040ee	A	1.1.59.0	v8.8.0A
780G042	E-DANTE64-HX H8 BOOT		.fwc/.mot	n/a	A	0.22.57.0	v8.8.0A
780G043	E-DANTE64-HX H8 DSP		.fwc	n/a	A	1.4.60.0	v8.8.0A
780G048	E-DANTE64-HX BROOKLYN FPGA/APP/CFG Combined		.dnt	n/a	A	1.3.0	v8.8.0A