**Upgrade
Guide
Supplement**

EclipseHX

System Upgrade Guide Supplement
for
Eclipse HX-Omega
Eclipse HX-Median
Eclipse HX-PiCo
Rev 12.0.0 Rev A

Document Reference

Clear-Com Eclipse HX System Upgrade Guide Supplement

PN: PUB-00008 Rev A

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Introduction

This guide covers upgrading the Eclipse Omega, Eclipse Median and Eclipse PiCo systems to Eclipse HX-Omega, Eclipse HX-Median and Eclipse HX-PiCo respectively.

Note: If you are upgrading your PiCo to an HX-PiCo please contact your Clear-Com representative to establish if your hardware is HX ready. If your PiCo hardware is not HX ready, then this is a factory only upgrade.

This **Eclipse HX-Omega** upgrade pack contains

- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB   – T12632-1J1
- ECLIPSE SYSTEM DRIVERS USB   – T12632-1A1
- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD   – T12889-1J1
- ECLIPSE SYSTEM DRIVERS DVD   – T12889-1A1
- ECLIPSE HX DOOR   – T10607-2
- ECLIPSE HX DOOR HINGE SCREWS x 4   – 280432Z
- ECLIPSE HX-OMEGA MASKING LABEL   – 375G037
- ECLIPSE CPU CARD CODE EPROM x 2   – 795002Z
- 256MB SDRAM MODULE x 2   – 481508Z
- MVX16A H8 PROGRAMMING CABLE   – CAB-MVX-48Z
- FREESPEAK TO PC DATA CABLE   – PD4007Z
- THIS UPGRADE GUIDE SUPPLEMENT   – PUB-00008

This **Eclipse HX-Median** upgrade pack contains

- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB   – T12632-1J1
- ECLIPSE SYSTEM DRIVERS USB   – T12632-1A1
- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD   – T12889-1J1
- ECLIPSE SYSTEM DRIVERS DVD   – T12889-1A1
- ECLIPSE HX DOOR   – T10607-2
- ECLIPSE HX DOOR HINGE SCREWS x 4   – 280432Z
- ECLIPSE HX-MEDIAN MASKING LABEL   – 375G036
- ECLIPSE CPU CARD CODE EPROM x 2   – 795002Z
- 256MB SDRAM MODULE x 2   – 481508Z
- MVX16A H8 PROGRAMMING CABLE   – CAB-MVX-48Z
- FREESPEAK TO PC DATA CABLE   – PD4007Z
- THIS UPGRADE GUIDE SUPPLEMENT   – PUB-00008

This **Eclipse HX-PiCo** upgrade pack contains

- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB   – T12632-1J1
- ECLIPSE SYSTEM DRIVERS USB   – T12632-1A1
- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD   – T12889-1J1
- ECLIPSE SYSTEM DRIVERS DVD   – T12889-1A1
- ECLIPSE HX-PICO MASKING LABEL   – 375G038
- ECLIPSE PICO BOOT EPROM x 1   – 795014Z
- 256MB SDRAM MODULE x 1   – 481508Z
- MVX16A H8 PROGRAMMING CABLE   – CAB-MVX-48Z
- FREESPEAK TO PC DATA CABLE   – PD4007Z
- THIS UPGRADE GUIDE SUPPLEMENT   – PUB-00008

PLEASE NOTE: ALL CHANGES ARE MADE WITH REFERENCE TO THE ECLIPSE HX UPGRADE GUIDE – P/N PUB-00007 – WHICH CAN BE FOUND ON THE ECLIPSE HX SYSTEM SOFTWARE AND DOCUMENTATION USB AND DVD

Note:

This upgrade requires a competent engineer. Specialist tools and additional cables may be required which are not supplied – see the Eclipse HX Upgrade Guide.

If there are any issues, please contact your local Clear-Com support office.

ECLIPSE HX-OMEGA and HX-MEDIAN UPGRADE STEPS

Carry out the following steps to upgrade your system

- Install EHX on your PC
- Install the door
- Apply the masking label to the back of the unit completely covering
  - "ECLIPSE OMEGA" with "ECLIPSE HX-OMEGA" or
  - "ECLIPSE MEDIAN" with "ECLIPSE HX-MEDIAN" or
- Change the CPU Card(s) PROM
- Chang the CPU Card(s) RAM
- Change the CPU Card(s) DIP switches to set the Matrix type
- Upgrade the CPU Card(s) application Code
- Upgrade the CPU Card(s) CPLD code
- Upgrade the MVX, IVC, E-QUE, LMC, E-FIB cards application and FPGA code as appropriate
- Upgrade the V-Series panels using the TFTP method
- Upgrade the I-Station panels using the EHX method

ECLISPE HX-PICO UPGRADE STEPS

Note: ***If you are upgrading your PiCo to an HX-PiCo please contact your Clear-Com representative to establish if your hardware is HX ready. If your PiCo hardware is not HX ready, then this is a factory only upgrade.***

Carry out the following steps to upgrade your system

- Install EHX on your PC
- Apply the masking label to the back of the unit completely covering
    - "ECLIPSE PICO" with "ECLIPSE HX-PICO"
- Change the Eclipse HX-PiCo PROM
- Upgrade the Eclipse HX-PiCo RAM
- Change the Eclipse HX-PiCo DIP switches to set the Matrix type
- Upgrade the Eclipse HX-PiCo application Code
- Upgrade the Eclipse HX-PiCo MVX boot and/or application code
- Upgrade the V-Series panels using the TFTP method
- Upgrade the I-Station panels using the EHX method

For Reference:

The software /firmware components for Eclipse HX-Omega / HX-Median / HX-PiCo are listed in Appendix A below.

The documentation for Eclipse HX-Omega / HX-Median / HX-PiCo is listed in Appendix B below.

Tip: *User documentation for all Eclipse products and EHX is available on the* ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION *USB and DVD, and from the Clear-Com website at:* http://www.clearcom.com/support.

Note:

This upgrade requires a competent engineer. Specialist tools and additional cables may be required which are not supplied – see the Eclipse HX Upgrade Guide.

If there are any issues, please contact your local Clear-Com support office.

Appendix A: Eclipse HX Omega / Median / Delta / PiCo v12.0.0 Rev A Software Components

USB			DVD		
S/W	T12632-1J1	Rev A	S/W	T12889-1J1	Rev A
F/W	T12632-1A1	Rev T	F/W	T12889-1A1	Rev K
Doc	T12632-1J2	Rev A	Doc	T12889-1J2	Rev A

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	*Last updated*
Drivers	710801Z	4216 Custom Interface panel (V3 Release)		S Record	E400H	B	BDH54M	*Pre v4.2*
Drivers	790016Z	4222E BBH54P APP CODE, 2RU 32 PB ID	NA	4kp	FFDE452E	A	BBH54P	*v5.2.4*
Drivers	790017Z	4222E COAX BBG54P APP CODE, 2RU 32 PB ID		4kp	FFE762DF	A	BBG54P	v5.2.4
Drivers	710703Z	4222E/4212E Panel Boot Code		S	n/a	A	BR_60E	*Pre v4.2*
Drivers	710799Z	4222E/4212E Panel Boot Code (Unleaded)		S	n/a	A	BR_70G	Pre v4.2
Drivers	710847Z	4224E/4226E/4294E/4215E Coax Panel		4kp	FFE5EF43	1 / A	PBG54M	Pre v4.2
Drivers	710705Z	4224E/4226E/4294E/4215E Panel Boot Code		S	n/a	A	PR_60E	*Pre v4.2*
Drivers	710800Z	4224E/4226E/4294E/4215E Panel Boot Code (Unleaded)		S	n/a	A	PR_70G	Pre v4.2
Drivers	710704Z	4224E/4226E/4294E/4215E Panel Code	NA	4kp	FFDB8081	C	PBH54M	*Pre v4.2*
Drivers	710802Z	4230 Vertical Extension panel (V3 Release)		MOT	NA	A	HDH10H	Pre v4.2
Drivers	710813Z	AES-6 Application Code	AES-6 (710785Z)	MOT	n/a	3 / C	2.02	v5.2.2
Drivers	710814Z	AES-6 XILINX Code	AES-6 (710785Z)	MCS	0x010c84be	H	H	V7.6.0B
Drivers	710858Z	AES-6-3K Xilinx Firmware	AES-6 (710785Z)	MCS	FFB55407	2 / B	2	v5.1.1
Drivers	790001Z	Config Card Boot EPROM Code Omega & Median Eclipse	ST 27W201	S Record	5468	B	2.4.22	v7.0.0 A
Drivers	710622Z	Config Card U1 CPLD Code	XC9572	JED	681F	D	0.4.21.0	v7.1.0 A
Drivers	710623Z	Config Card U53 CPLD Code	XC95144	JED	330F	B	0.2.27.0	v7.1.0 A
Drivers	710624Z	Config Rear Card CPLD Code	XC9572	JED	9411	4 / D	C	Pre v4.2
Drivers	710632Z	ICS-1016/1008 STATION CODE		.4KP, .BIN	A865	4 / D	010112	*Pre v4.2*
Drivers	710644Z	DIG-2 Front Card Application Code		S19	n/a	1 / A	B	*Pre v4.2*

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	Part No	Description	Device	File Type	C/Sum	Rev	Issue	*Last updated*
Drivers	710906Z	DIG-2 Front Card CPLD Code	Lattice 1016E	JED	0C8A	1 / A	A	*Pre v4.2*
Drivers	710643Z	DIG-2 Rear Card CPLD (U8) Code	XC95288XL	JED	3.50E+08	1 / A	A	*Pre v4.2*
Drivers	710633Z	Eclipse 32 Boot PROM Code		S Record	3294	E	2.4.23	v7.0.0 A
Drivers	710659Z	Eclipse 32 FPGA Code	XCF04	MCS	0119AA3	E	1.5.19	v7.0.0 A
Drivers	710660Z	Eclipse 32 Glue Logic CPLD	XC9572	JED	AB52	E	E	v7.0.0 A
Drivers	710661Z	Eclipse 32 GPIO Logic	XC95144	JED	6417	2 / B	B	*Pre v4.2*
Drivers	710848Z	Eclipse Serial Config Uploader		.EXE	n/a	1 / A	2.0.1	Pre v4.2
Drivers	710833Z	Eclipse Serial Number Generator		.EXE	n/a	1 / A	1.0.0.0	Pre v4.2
Drivers	780G037	E-DANTE64-HX H8 FPGA		.fwc	0x149f629c	C	1.2.59.0	v10.0.0B
Drivers	780G043	E-DANTE64-HX H8 DSP		.fwc	n/a	A	1.4.60.0	v8.8.0A
Drivers	**780G048**	**E-DANTE64-HX BROOKLYN FPGA/APP/CFG Combined**		**.dnt**	**n/a**	**C**	**BKLYN App 4.2.0.28 BKLYN FPGA 4.0.2.11 CC App 1.3.61.0 Config 1.4.0**	**v12.0.0A**
Drivers	**780G050**	**E-DANTE64-HX H8 APP & BOOT Combined**		**.mot**	**n/a**	**B**	**H8 APP 0.36.58.0 H8 BOOT 0.27.57.0**	**v12.0.0A**
Drivers	710794Z	E-Fibre Networking (Rear) FPGA		MCS	010f82f5c	4 / D	1.23	v5.1.1
Drivers	710793Z	E-Fibre Router (Front) FPGA		MCS	010f73f00	4 / D	1.21	v5.1.1
Drivers	790011Z	E-MADI CARD APP			n/a	C	0.23.9.0	V9.1.0A
Drivers	790010Z	E-MADI CARD BOOT			n/a	B	0.20.8.0	V9.1.0A
Drivers	790012Z	E-MADI CARD DSP			n/a	A	1.4.11	v5.2.4
Drivers	790009Z	E-MADI CARD FPGA			0x16faba7e	F	1.13.12.0	v10.0.0D
Drivers	780G041	F/W, E-MADI MK-II FPGA		MCS, SVF, FWC	0x169b804c	E	2.6.62.0	v10.0.0D
Drivers	780G052	F/W, E-MADI MK-II BOOT/APP COMBO				A	Boot 0.20.8.0 and App 0.23.9.0	V9.1.0A
Drivers	710810Z	E-Que Boot ROM Code		SREC	DBB8	2 / B	1.4	v5.0.3

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	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
Drivers	790006Z	E-QUE MK-II FPGA		MCS, SVF	0x119ef9f8	C	1.5.17.0	v10.0.0A
Drivers	710807Z	E-QUE MK-I FPGA	XCF16PVO48C	MCS, SVF	0x11a2d405	J	0.25.16.0	v10.0.0A
Drivers	785G053	S/W. E-QUE APP MK-I & MK-II ECLIPSE		.IMAGE	n/a	E	7.29.5.0	v8.7.0A
Drivers	790004Z	E-Que MK-II Boot ROM Code		BIN	n/a	A	1.8.13	v5.2.4
Drivers	710582Z	E-Station Flash code	MMC2107-144	S19	B2AB	A	2.3	*Pre v4.2*
Drivers	710581Z	E-Station Micro-P Boot Code	MMC2107-144	S19	FD2D	A	2.3	*Pre v4.2*
Drivers	**780G004**	**FS II 1.9 ANTENNA APPLICATION FIRMWARE**		**FWW,FWS**	**n/a**	**H**	**2.7.28.0**	**v12.0.0A**
Drivers	**780G003**	**FS II 1.9 BELTPACK APPLICATION FIRMWARE**		**FWW,FWS**	**n/a**	**R**	**2.32.32.0**	**v12.0.0A**
Drivers	**780G065**	**FSII IP 1.9 TRANSCEIVER RELEASE APPLICATION FIRMWARE**		**.tar.gz**	**n/a**	**J**	**App 3.30.67.0 Boot 1.0.68.5 Baseband 0107 FPGA v.0.6.2-b44;v.2.3.2-b103-c4**	**v12.0.0A**
Drivers	780G026	FS II 2.4 ANTENNA FIRMWARE		FWW,FWS	n/a	C	2.2.49.0	v11.1.0A
Drivers	**780G025**	**FS II 2.4 BELTPACK APPLICATION FIRMWARE**		**FWW,FWU,FWS**	**n/a**	**K**	**2.28.50.0**	**v12.0.0A**
Drivers	**780G058**	**E-IPA-HX APPLICATION FIRMWARE**		**.tar.gz**	**n/a**	**L**	**App 3.100.63.0 FPGA 17.2.64.0 (v.2.0.0b6) Boot 2.0.65.03**	**v12.0.0A**
Drivers	710907Z	FSBP CellCom / FreeSpeak Antenna and Beltpack bootloader		.MOT	n/a	A	1a	Pre v4.2
Drivers	790008Z	FSBP DECT STACK FS-BPJ, FREESPEAK		.HEX	n/a	A	c6983_dect_hw_pp_V26_K19	v5.2.4
Drivers	710831Z	FSBP FreeSpeak Beltpack RM5 DECT Stack		.HEX	n/a	2 / B	c6657_dect_hw_pp_v22_rm5	*Pre v4.2*
Drivers	710828Z	FSBP MK I KIRK 6 Page BP App		.MOT	n/a	R	2K000279	V8.5.2A
Drivers	710827Z	FSBP MK II – Kirk Module – App Code		.MOT	n/a	R	3K010279	V8.5.2A
Drivers	710830Z	FSBP MK II – Kirk Module – DECT Code		.HEX	n/a	1 / A	C6983_dect_hw_pp_v22_k19	Pre v4.2
Drivers	710615Z	ICS-2003 Front Panel VFD Firmware	18F242	HEX	104	B	1.1	*Pre v4.2*
Drivers	710451Z	ICS-2003TE FPGA DNIC FRAMER COM-20 DIGITAL 2-WIRE COM. MODULE	QL2007-OPF144C	CHP, RPT	5270DC	A	A	*Pre v4.2*

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	Part No	Description	Device	File Type	C/Sum	Rev	Issue	*Last updated*
Drivers	710537Z	IMF-3 Backplane PIC Firmware	PIC16F505	HEX	88F8	B	1.2	*Pre v4.2*
Drivers	785G045	i-Station APP Code, Eclipse	N/A	FWP	n/a	C	020901	v9.0.0A
Drivers	710663Z	i-Station Expansion Panel Code (e-Station)	NA	4kp/Hex/s19	FF9DBCAD	C	10116	v8.5.0A
Drivers	710652Z	i-Station I-1100 CPLD	EPM3032ATC 44-10N	POF	72059	A	1	*Pre v4.2*
Drivers	710544Z	i-Station Master Station Flash code	29LV200	S19	477C	D	2.3.9	*Pre v4.2*
Drivers	780G018	i-Station Micro-C Boot Code	MMC2107-144	S19	n/a	A	6	v8.0.0A
Drivers	710547Z	i-Station PCI Code	PIC17C752	HEX	228A	A	A	*Pre v4.2*
Drivers	780G012	MVX-HX APP Eclipse Omega/Median & Pico		FWC	n/a		2.59.7.0	V10.0.0D
Drivers	780G015	MVX-HX BOOT Eclipse Omega/Median & Pico		FWC, MOT	n/a	A	2.57.6.0	V10.0.0D
Drivers	780G011	MVX-HX Combined BOOT & APP H8 FLASH, ECLIPSE & PICO		BIN, MOT	n/a	B	2.59.7.0 & 2.57.6.0	V10.0.0D
Drivers	710625Z	MVX-HX MK-I FPGA PROM CODE ECLIPSE	XC18V04	MCS	031F12B9	J	1.2.18	v7.0.0 A
Drivers	780G010	MVX-HX MK-II FPGA FLASH MVXMK2		.MCS	MCS 0x33dbeb7a Flash 0x004ad7e9	C	2.9.47.0	v8.7.0A
Drivers	710824Z	PD2201 Active Antenna RM5 Application		.MOT	n/a	2 / B	AA_AR0020i	*Pre v4.2*
Drivers	710826Z	PD2201 Active Antenna RM5 DECT Stack		.HEX	n/a	2 / B	c6657_hw_fp_v21_rm5	Pre v4.2
Drivers	710823Z	PD2201 Antenna - KIRK ACTIVE ANTENNA APP		.MOT	n/a	A	AA_AK000206	V7.6.0A
Drivers	710825Z	PD2201 Antenna – Kirk Module – DECT Code		.HEX	n/a	1 / A	c6983_dect_hw_fp_v21_k19	*Pre v4.2*
Drivers	790007Z	PD2201 DECT STACK PD2201J, FREESPEAK		.HEX	n/a	A	c6983_dect_hw_fp_V26_K19	v5.2.4
Drivers	710836Z	PD2202 RM5 - 1-6 Page Beltpack App		.MOT	n/a	8 / J	1R010215	v5.2.2

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	Part No	Description	Device	File Type	C/Sum	Rev	Issue	*Last updated*
Drivers	710853Z	PD2202/FS BP I RM5 6 Page BP App		.MOT	n/a	7 / H	2R010215	v5.2.2
Drivers	710829Z	PD2203 Antenna Splitter Application		.MOT	n/a	1 / A	SP0x010C	*Pre v4.2*
Apple Store	785G061	S/W AGENT-IC IOS MOBILE CLIENT			n/a	C	1.2	v8.5.2A
Drivers	**785G089**	**S/W, HX & ECLIPSE F/W USB IMAGE**		**.ZIP**	**n/a**	**T**	**T**	**v12.0.0A**
Doc	**SOF-00015**	**S/W, HX 12.0 DOC IMAGE USB DVD ECLIPSE HX**		**.ZIP**	**n/a**	**A**	**A**	**v12.0.0A**
Software	**SOF-00016**	**S/W, HX 12.0 SW IMAGE USB DVD ECLIPSE HX**		**.ZIP**	**n/a**	**A**	**A**	**v12.0.0A**
Software	**SOF-00018**	**S/W, HX 12.0 CFG CARD APP OMEGA, MEDIAN, DELTA ECLIPSE HX**		**FWR**	**n/a**	**A**	**22.59.2.0**	**v12.0.0A**
Software	780G063	F/W CONFIG CARD SECONDARY BOOT CODE		FWR	n/a	A	18.76.71.0	v10.0.0A
Software	**SOF-00014**	**S/W, HX 12.0 EHX CONFIG ECLIPSE HX**		**Exe**	**n/a**	**A**	**22.64.1.0**	**v12.0.0A**
Software	**SOF-00017**	**S/W, HX 12.0 DYNAM-EC ECLIPSE HX**		**.EXE**	**n/a**	**A**	**17.8.4.0**	**v12.0.0A**
Software	**SOF-00020**	**S/W, HX 12.0, INSTALLER EHX & DYNAM-EC ECLIPSE HX**		**.EXE**	**n/a**	**A**	**1.0 EHX 22.64.1.0 Dynam-EC 17.8.4.0**	**v12.0.0A**
Software	**SOF-00019**	**S/W, HX 12.0, PICO APP ECLIPSE HX**		**FWR**	**n/a**	**A**	**22.59.3.0**	**v12.0.0A**
Software	780G064	F/W PiCo SECONDARY BOOT CODE		FWR	n/a	A	18.76.72.0	v10.0.0A
Drivers	750123Z	S/W, v1.1.14.0, DONGLE GENERATOR, ECLIPSE		.EXE	n/a	A	V1.1.14.0	v5.2.3
Drivers	710756Z	TEL-14 PROC. ADAPT. APPLICATION S/W	89LPC935	HEX	NA	2 / B	1.1	*Pre v4.2*
Drivers	710657Z	TW-60 Firmware	18F442	HEX	8F81	B	1	*Pre v4.2*
Drivers	**785G046**	**V-Series V-PANEL APP, ECLIPSE**		**FWP, JFFS2, 4KR**	**n/a**	**K**	**4.11.0**	**v12.0.0A**
Drivers	790039Z	V-Series Panel Display PIC Application Code, V-Series		HEX,FWP,4KP	n/a	D	0.48	v9.1.0A
Drivers	710815Z	V-Series Panel Display PIC Boot Loader Code		4KP, HEX, FWP	n/a	3 / C	2	v5.1.3
Drivers	780G014	V-Series Panel Kernel, V Series		vmImage	n/a	B	2.6.24	v9.0.0A
Drivers	780G013	V-Series Root File System, V Series		rootfs.cramfs	n/a	B	Dec_19_16	v9.0.0A
Drivers	710859Z	V-Series T-Adapter Card Firmware		.LDR	n/a	1 / A	1	v5.1.1
Drivers	710817Z	V-Series UBOOT TFTP IMAGE		LDR	n/a	I	0.31	V10.0.0D
Drivers	**785G125**	**V-Iris-Series Main Application**		**tar.gz**	**n/a**	**H**	**App 2.30.73.0**	**v12.0.0A**

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	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
							FPGA v.0.6.2-b44; v.2.3.2-b103-c4 UBoot 0.3.74.21 Kernel 4.4.32.0 Module App 1.4.81.0	
Drivers	780G067	F/W, V-SERIES-IRIS 1.0 DISPLAY BOOTLOADER		.elf	n/a	A	0.0.82.5	v11.0.0A
Drivers	SOF-00004	F/W, FS EDGE BELTPACK APPLICATION FIRMWARE		tar.gz	n/a	A	App 1.39.79.0 Boot 1.1.80.0 Baseband 0046-0046	v12.0.0A
Drivers	780G071	F/W, FS EDGE TCVR APPLICATION FIRMWARE		tar.gz	n/a	C	App 1.35.77.0 Boot 1.0.78.1 FPGA v.0.6.2b44; v.2.3.2-b103-c3 Baseband 0046-0046-0030-0030	v12.0.0A

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Appendix C: Eclipse HX Omega / Median / PiCo v12.0.0 Rev A Documentation

- Note: All documentation is on the ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB and DVD

USB
Doc   T12632-1J2   Rev A

DVD
Doc   T12889-1J2   Rev A

Part No	Description	Rev	Doc	Last
810268Z	IFB-104 Interface Manual	2 / B	2	v5.1.1
810291Z	FIM-108 Matrix Fibre Interface Instruction Manual	1 / A	A	Pre v4.2
810306Z	FOR-22 Dual 4-Wire Interface Instruction Manual	3 / C	3	v4.2
810307Z	CCI-22 Dual Party-Line Interface Instruction Manual	3 / C	3	v4.2
810308Z	TEL-14 2-Channel Telephone Interface Instruction Manual	3 / C	3	Pre v4.2
810309Z	GPI-6 General Purpose Inputs Interface Instruction Manual	3 /C	3	Pre v4.2
810310Z	RLY-6 Relay Interface Instruction Manual	3 / C	3	Pre v4.2
810311Z	DIF-102 / DIG-2 Digital interface Instruction Manual	2 / B	2	v4.2
810313Z	Interface Module Frames: IMF-3, IMF-102, DIF102 Instruction Manual	3 / C	3	Pre v4.2
810319Z	FIM-102D Matrix Fibre Interface Instruction Manual	1 / A	A	Pre v4.2
810372Z	CellCom / FreeSpeak Wireless System Upgrade Manual	J	J	v5.2.4
810376Z	Eclipse Wireless Beltpack manual	4 / D	4	v5.1.3
810383Z	AES-6 Interface Instruction Manual	2 / B	2	v5.0.1
810385Z	FIM-202D Matrix Fibre Interface Instruction Manual	3 / C	3	v5.1.1
810385Z	FIM-202D INSTRUCTION MANUAL	3 / C	3	v5.1.1
810388Z	V-SERIES PANELS AES3 OPTN INST MANUAL	3 / C	3	v5.1.1
810396Z	V-SERIES PANELS Rack-Mount LEVER KEY REFERENCE CARD	2 / B	2	v5.1.1
810397Z	V-SERIES PANELS PUSH KEY REFERENCE CARD	2 / B	2	v5.1.1
810398Z	V-SERIES PANELS DESKTOP REFERENCE CARD	2 / B	2	v5.1.1
810403Z	BAL-8 Transformer Ground Isolation Interface Manual	1 / A	1	v4.2
810405Z	V-SERIES PANELS XLR4M TO XLR7M UPGD MANUAL	C	C	v7.5.0A
810406Z	V-SERIES PANELS T OPTN INST MANUAL	1 / A	1	v5.1.1
810412Z	Active Antenna Synchronization Procedure	1 / A	1	v5.1.1
810512Z	V-Series panels Desktop Push Button Reference Card	1 / A	1	v5.1.1

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399G008	**INSTR, F/W RELEASE NOTE ECLIPSE**	**AD**	**AD**	**v12.0.0A**
399G035	Eclipse HX-Delta Safety Instructions	A	A	v7.1.0 A
399G046	Eclipse HX Safety Instructions	A	A	v7.1.0 A
399G050	Eclipse HX-Delta PSU Bracket Mounting Instructions	A	A	v7.1.0
399G087	GUIDE, FS II v1.0.0 USER	A	A	v7.6.0A
399G106	GUIDE, QSG SYSTEM, FS II V1.0.0	A	A	v7.6.0A
399G107	GUIDE, QSG BELTPACK FS II V1.0.0	A	A	v7.6.0A
399G108	GUIDE, QSG CHARGER, FS II V1.0.0	A	A	v7.6.0A
399G109	GUIDE, QSG ANTENNA, FS II V1.0.0	A	A	v7.6.0A
399G304	**GUIDE, HX 12.0.0 WIRELESS USR ECLIPSE HX**	**B**	**B**	**v12.0.0A**
399G265	GUIDE, HX 10.0.0 DYNAM-EC QSG ECLIPSE HX	A	A	v10.0.0A
399G207	GUIDE, HX 9.0.0 I-PNL USR ECLIPSE HX	A	A	v9.0.0A
399G299	GUIDE, HX 11.1.0 PICO USER ECLIPSE HX	A	A	v11.1.0A
399G264	**GUIDE, HX 12.0.0 DYNAM-EC USR ECLIPSE HX**	**B**	**B**	**v12.0.0A**
PUB-00003	**GUIDE,HX 12.0 CONFIG SW ECLIPSE HX**	**A**	**A**	**v12.0.0A**
399G301	**GUIDE, HX 12.0.0 V-PNL USR ECLIPSE HX**	**B**	**B**	**v12.0.0A**
PUB-00007	**GUIDE, HX 12.0 UPGRADE ECLIPSE HX**	**A**	**A**	**v12.0.0A**
PUB-00005	**GUIDE, HX 12.0 OMEGA USR ECLIPSE HX**	**A**	**A**	**v12.0.0A**
PUB-00006	**GUIDE, HX 12.0 MEDIAN USR ECLIPSE HX**	**A**	**A**	**v12.0.0A**
PUB-00004	**GUIDE, HX 12.0. DELTA USR ECLIPSE HX**	**A**	**A**	**v12.0.0A**
399G303	GUIDE, HX 11.1.0 FRAME INST ECLISPE HX	A	A	v11.1.0A
PUB-00008	**GUIDE, HX 12.0.0 UG SUPP ECLIPSE HX**	**A**	**A**	**v12.0.0A**
PUB-00010	**NTE,HX 12.0 CUST REL ECLIPSE HX**	**A**	**A**	**v12.0.0A**
399G266	**GDE, HX 12.0.0 EHX LOGIC ECLIPSE HX**	**B**	**B**	**v12.0.0A**
399G158	GDE, HX 8.5.0 ECLIPSE QSG ECLIPSE HX	A	A	v8.5.0A
399G222	GDE, HX 9.0.0 ICS 1008E/1016E, ECLIPSE HX	A	A	v9.0.0A
399G223	GDE, HX 9.0.0 ICS 22 SPKR PANEL, ECLIPSE HX	A	A	v9.0.0A
399G250	GUIDE, QSG IP TCVR, FS II	A	A	v10.0.0A
399G250P	GUIDE, QSG IP TCVR, FS II (Portuguese)	A	A	v10.0.0A
399G261	QSG, E-IPA-HX LICENSING	A	A	v10.0.0A
PUB-00011	**GDE, AoIP NETWORK RECOMMENDATIONS GUIDE ECLIPSE HX**	**A**	**A**	**v12.0.0A**

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PUB-00012	INSTR, V-SERIES IRIS USER GUIDE	A	A	v12.0.0A
399G279	INSTR, V-SERIES SAFETY	B	B	v12.0.0A
399G291	INSTR, ECLIPSE HX SAFETY	B	B	v12.0.0A
399G283	NOTE. SW EULA, END USER LICENSING AGREEMENT	A	A	v11.0.0A
399G303	GUIDE, HX 11.1.0 FRAME INSTAL ECLIPSE HX	A	A	v11.1.0A
399G322	FreeSpeak Edge Battery Charger QSG	A	A	V12.0.0A
399G326	FreeSpeak Edge Beltpack QSG	B	B	V12.0.0A
399G327	FreeSpeak Edge Transceiver QSG	A	A	V12.0.0A
PUB-00020	FS Edge User Guide	A	A	V12.0.0A

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