

# Upgrade Guide Supplement



## *EclipseHX*

### System Upgrade Guide

### Supplement

for

Eclipse HX-Omega

Eclipse HX-Median

Eclipse HX-PiCo

Rev 14.0.0 Rev A

# Document Reference

Clear-Com Eclipse HX System Upgrade Guide Supplement

PN: PUB-00286 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 14.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1P1
- ECLIPSE HX 14.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1P1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- 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
- CPU-208 BATTERY & HOLDER KIT x 2 – CPU-208-BAT
- THIS UPGRADE GUIDE SUPPLEMENT – PUB-00286

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

- ECLIPSE HX 14.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1P1
- ECLIPSE HX 14.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1P1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- 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
- CPU-208 BATTERY & HOLDER KIT x 2 – CPU-208-BAT
- THIS UPGRADE GUIDE SUPPLEMENT – PUB-00286

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

- ECLIPSE HX 14.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1P1
- ECLIPSE HX 14.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1P1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- 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
- BATTERY 3V LI – 400033Z
- THIS UPGRADE GUIDE SUPPLEMENT – PUB-00286

**PLEASE NOTE: ALL CHANGES ARE MADE WITH REFERENCE TO THE ECLIPSE HX UPGRADE GUIDE – P/N PUB-00276 – 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
- Change 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.

## ECLIPSE 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 14 SYSTEM SOFTWARE & DOCUMENTATION USB and DVD, and from the Clear-Com website at: [Clear-Com > Service & 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 FreeSpeak II/ FreeSpeak EDGE Software & Driver Components

USB

Software = T12632-1P1 Rev A

Drivers = T12632-1A1 Rev AB

DVD

Software = T12889-1P1 Rev A

Drivers = T12889-1A1 Rev R

	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	ST 27W201	S Record	5468	B	2.4.22.0	v7.0.0 A

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
		OMEGA & MEDIAN ECLIPSE						
Software	SOF-00233	CONFIG CARD SECONDARY BOOT CODE		FWR	n/a	A-13.2	34.5.71.0	v13.2.0A
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	710644Z	DIG-2 FRONT CARD APPLICATION CODE		S19	n/a	1 / A	B	Pre v4.2
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
Software	SOF-00294	ECLIPSE HX CFG CARD APP OMEGA, MEDIAN, DELTA		FWR	n/a	A	35.37.2.0	v14.0.0A
Software	SOF-00292	ECLIPSE HX CONFIG		.EXE	n/a	A	35.92.1.0	v14.0.0A
Software	SOF-00293	ECLIPSE HX DYNAM-EC		.EXE	n/a	A	26.22.4.0	v14.0.0A
Software	SOF-00296	ECLIPSE HX INSTALLER EHX & DYNAM-EC		.EXE	n/a	A	V1.0 EHX 35.92.1.0 Dynam-EC 26.22.4.0	v14.0.0A
Software	SOF-00295	ECLIPSE HX PICO APP		FWR	n/a	A	35.37.3.0	v14.0.0A
Drivers	710848Z	ECLIPSE SERIAL CONFIG UPLOADER		.EXE	n/a	1 / A	2.0.1	Pre v4.2
Drivers	780G048 BNII_064	E-DANTE64-HX BROOKLYN II FPGA/APP/CFG COMBINED		.dnt	n/a	E	BKLYN II App 4.2.3.13 BKLYN II FPGA 4.0.4.2 CC App 1.3.61.0 Config 1.6.0	v13.1.0A
Drivers	780G048 BN3_064	E-DANTE64-HX BROOKLYN 3 FPGA/APP/CFG COMBINED		.dnt	n/a	E	BKLYN 3 App 4.2.4.8 BKLYN 3 FPGA 4.2.0.25	v13.1.0A

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
							BKLYN ROM/Boot 4.2.4 Config 2.1.0	
Drivers	SOF-00178	E-DANTE64-HX MK I & II H8 Application		.fwc	n/a	B	1.9.58.0	v14.0.0A
Drivers	SOF-00179	E-DANTE64-HX MK I & II H8 Boot		.fwc/.mot	n/a	B	1.9.57.0	v14.0.0A
Drivers	SOF-00180	E-DANTE64-HX MK II & II H8 APP & BOOT COMBINED		.mot	n/a	B	H8 APP 1.9.58.0 H8 BOOT 1.9.57.0	v14.0.0A
Drivers	780G043	E-DANTE64-HX H8 DSP		.fwc	n/a	A	1.4.60.0	v8.8.0A
Drivers	780G037	E-DANTE64-HX H8 MK-I FPGA		.fwc	n/a	E	1.4.59.0	v13.0.0A
Drivers	SOF-00159	E-DANTE64-HX H8 MK-II FPGA		.fwc	n/a	C	2.13.88.0	v13.1.0A
Drivers	710794Z	E-FIBER NETWORKING (REAR) FPGA		MCS	010f82f5c	4 / D	1.23	v5.1.1
Drivers	710793Z	E-FIBER ROUTER (FRONT) FPGA		MCS	010f73f00	4 / D	1.21	v5.1.1
Drivers	SOF-00224	E-IPA-HX APPLICATION FIRMWARE		.ccf	n/a	C	App: 10.90.63.0 Boot: 2.0.65.08 FPGA: 19.31.64.0 QSPI: 2.0.10-j635_Clearcom Kernel: 4.19.59	v14.0.0A
Drivers	SOF--00181	E-MADI CARD APP			n/a	A	1.7.9.0	v13.0.0A
Drivers	SOF-00182	E-MADI CARD BOOT			n/a	A	1.7.8.0	v13.0.0A
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	SOF-00183	E-MADI MK-I, II and III H8 BOOT/APP COMBO				A	H8 Boot 1.7.8.0 H8 App 1.7.9.0	v13.0.0A
Drivers	780G041	E-MADI MK-II FPGA		MCS, SVF, FWC	0x169b804c	E	2.6.62.0	v10.0.0D
Drivers	SOF-00160	E-MADI MK-III FPGA		MCS, SVF, FWC	n/a	A	3.2.89.0	v13.0.0A
Drivers	785G053	E-QUE APP MK-I & MK-II ECLIPSE		.IMAGE	n/a	H-13.2	7.38.5.0	v13.2.0A
Drivers	710810Z	E-QUE BOOT ROM CODE		SREC	DBB8	2 / B	1.4	v5.0.3



	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
Drivers	710807Z	E-QUE MK-I FPGA	XCF16PVO48C	MCS, SVF	0x11a2d405	J	0.25.16.0	v10.0.0A
Drivers	790004Z	E-QUE MK-II BOOT ROM CODE		BIN	n/a	A	1.8.13.0	v5.2.4
Drivers	790006Z	E-QUE MK-II FPGA		MCS, SVF	0x119ef9f8	C	1.5.17.0	v10.0.0A
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	SOF-00004	FreeSpeak EDGE BELTPACK APPLICATION FIRMWARE		tar.gz	n/a	E	App 5.4.79.0 Boot 1.1.80.0 Baseband 0054-0054	V13.1.0A
Drivers	780G071	FreeSpeak EDGE TCVR APPLICATION FIRMWARE		tar.gz	n/a	H	App 4.29.77.0 Boot 1.0.78.7 FPGA v.0.6.2-b102 QSPI32 v.2.3.5-b0-cb Baseband 0054-0054-0034-0034	V13.1.0A
Drivers	780G004	FreeSpeak II 1.9 ANTENNA APPLICATION FIRMWARE		FWW,FWS	n/a	H	2.7.28.0	v12.0.0A
Drivers	780G003	FreeSpeak II 1.9 BELTPACK APPLICATION FIRMWARE		FWW,FWS	n/a	AC	5.4.32.0 BT CSR App 1.16.32.0	v13.2.0A
Drivers	780G026	FreeSpeak II 2.4 ANTENNA FIRMWARE		FWW,FWS	n/a	C	2.2.49.0	v11.1.0A
<b>Drivers</b>	<b>780G025</b>	<b>FreeSpeak II 2.4 BELTPACK APPLICATION FIRMWARE</b>		<b>FWW,FWU,FWS</b>	<b>n/a</b>	<b>P</b>	<b>3.2.50.0</b>	<b>v14.0.0A</b>
<b>Drivers</b>	<b>780G065</b>	<b>FreeSpeak II IP 1.9 TRANSCEIVER RELEASE APPLICATION FIRMWARE</b>		<b>.ccf</b>	<b>n/a</b>	<b>T</b>	<b>App: 7.3.67.0 Boot: 2.0.68.9 Baseband: 0126 FPGA: v.0.6.2-b102 QSPI: v.2.3.5-b0-cb</b>	<b>v14.0.0A</b>
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

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
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	710632Z	ICS-1016/1008 STATION CODE		.4KP, .BIN	A865	4 / D	10112	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
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	20901	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	EPM3032ATC44-10N	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	C	2.62.7.0	v12.1.0A
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	C	2.62.7.0 & 2.57.6.0	v12.1.0A
Drivers	710625Z	MVX-HX MK-I FPGA PROM CODE	XC18V04	MCS	031F12B9	J	1.2.18.0	v7.0.0 A

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
		ECLIPSE						
Drivers	780G010	MVX-HX MK-II FPGA FLASH MVXMK2		.MCS	MCS 0x33d8c7d2 Flash 0x000487a39	D	2.10.47.0	V12.2.0A
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
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
Software	780G064	PICO SECONDARY BOOT CODE		FWR	n/a	A-13.2	34.5.72.0	v13.2.0A
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
<b>Drivers</b>	<b>SOF-0011Z</b>	<b>V-IRIS-SERIES MAIN APPLICATION</b>		<b>.ccf</b>	<b>n/a</b>	<b>E</b>	<b>App 6.79.73.0</b> <b>Boot 1.0.74.07</b> <b>FPGA v.0.6.2-b102</b> <b>QSPI v.2.3.5-b0-cb</b> <b>Module App 2.0.81.20</b> <b>Kernel 4.4.32.0 .0-rt41</b>	<b>v14.0.0A</b>

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
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	0.31.0	v10.0.0D
Drivers	785G046	V-SERIES V-PANEL APP, ECLIPSE		FWP, JFFS2, 4KR	n/a	K	4.11.0	v12.0.0A
Drivers	780G032	FSII-SPL ANTENNA SPLITTER APP		FWW, FWS	n/a	A	1.2.36.0	V8.0A
Drivers	SOF-00131	FS II SPLITTER MK-II APP		MOT	n/a	A	1.1.87.0	V13.0.0A
Drivers	SOF-00163	FSII SPLITTER MK-II FPGA		JED	0x916B	A	A	V13.0.0A
<b>Drivers</b>		<b>2X10 PANEL APPLICATION</b>		<b>FWP</b>	<b>n/a</b>	<b>A</b>	<b>316.4</b>	<b>v14.0.0A</b>

## Appendix B: Eclipse HX Omega / Median / PiCo/ FreeSpeak II/ FreeSpeak EDGE Documentation

- Note: All documentation is on the ECLIPSE HX 14 Rev A SYSTEM SOFTWARE & DOCUMENTATION USB and DVD

### USB

Doc T12632-1P2 Rev A

### DVD

Doc T12889-1P2 Rev A

Part No	Description	Rev	Doc Issue	Last Updated
810412Z	ACTIVE ANTENNA SYNCHRONIZATION PROCEDURE	1 / A	1	v5.1.1
810383Z	AES-6 INTERFACE INSTRUCTION MANUAL	2 / B	2	v5.0.1
<b>PUB-00279</b>	<b>AOIP NETWORK RECOMMENDATIONS GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
810403Z	BAL-8 TRANSFORMER GROUND ISOLATION INTERFACE MANUAL	1 / A	1	v4.2
810307Z	CCI-22 DUAL PARTY-LINE INTERFACE INSTRUCTION MANUAL	3 / C	3	v4.2
810372Z	CELLCOM / FreeSpeak WIRELESS SYSTEM UPGRADE MANUAL	J	J	v5.2.4
810311Z	DIF-102 / DIG-2 DIGITAL INTERFACE INSTRUCTION MANUAL	2 / B	2	v4.2
<b>PUB-00274</b>	<b>ECLIPSE HX CONFIG SW GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
<b>PUB-00287</b>	<b>ECLIPSE HX CUSTOMER RELEASE NOTE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
399G050	ECLIPSE HX DELTA PSU BRACKET MOUNTING INSTRUCTIONS	B	B	v13.1.0A
399G035	ECLIPSE HX DELTA SAFETY INSTRUCTIONS	A	A	v7.1.0 A
PUB-00235	ECLIPSE HX DELTA USR GUIDE	B	B	v13.1.0B
399G265	ECLIPSE HX DYNAM-EC QSG	A	A	v10.0.0A
<b>PUB-00275</b>	<b>ECLIPSE HX DYNAM-EC USER GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
<b>PUB-00283</b>	<b>ECLIPSE HX E-IPA-HX LICENSING QSG</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
PUB-00229	ECLIPSE HX FRAME INSTALLATION GUIDE	A	A	v13.1.0A
399G222	ECLIPSE HX ICS 1008E/1016E USER GUIDE	A	A	v9.0.0A
399G223	ECLIPSE HX ICS 22 SPKR PANEL GUIDE	A	A	v9.0.0A
399G207	ECLIPSE HX I-PNL USER GUIDE	A	A	v9.0.0A
PUB-00189	ECLIPSE HX LOGIC GUIDE	A	A	v13.0.0A
PUB-00237	ECLIPSE HX MEDIAN USR GUIDE	B	B	v13.1.0B

Part No	Description	Rev	Doc Issue	Last Updated
PUB-00236	ECLIPSE HX OMEGA USR GUIDE	B	B	v13.1.0B
399G299	ECLIPSE HX PICO USER GUIDE	A	A	v11.1.0A
399G158	ECLIPSE HX QSG	A	A	v8.5.0A
399G046	ECLIPSE HX SAFETY INSTRUCTIONS	A	A	v7.1.0 A
399G291	ECLIPSE HX SAFETY INSTRUCTIONS	B	B	v12.0.0A
<b>PUB-00276</b>	<b>ECLIPSE HX UPGRADE GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
<b>PUB-00286</b>	<b>ECLIPSE HX UPGRADE SUPPLEMENT GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
PUB-00190	ECLIPSE HX V-PNL USR GUIDE	B	B	v13.1.0A
<b>PUB-00278</b>	<b>ECLIPSE HX WIRELESS USER GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
810376Z	ECLIPSE WIRELESS BELTPACK MANUAL	4 / D	4	v5.1.3
810319Z	FIM-102D MATRIX FIBER INTERFACE INSTRUCTION MANUAL	1 / A	A	Pre v4.2
810291Z	FIM-108 MATRIX FIBER INTERFACE INSTRUCTION MANUAL	1 / A	A	Pre v4.2
810385Z	FIM-202D INSTRUCTION MANUAL	3 / C	3	v5.1.1
810385Z	FIM-202D MATRIX FIBER INTERFACE INSTRUCTION MANUAL	3 / C	3	v5.1.1
810306Z	FOR-22 DUAL 4-WIRE INTERFACE INSTRUCTION MANUAL	3 / C	3	v4.2
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
<b>PUB-00281</b>	<b>FreeSpeak EDGE USER GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
399G109	FreeSpeak II ANTENNA QSG	A	A	v7.6.0A
399G107	FreeSpeak II BELTPACK QSG	A	A	v7.6.0A
399G108	FreeSpeak II CHARGER QSG	A	A	v7.6.0A
399G250	FreeSpeak II QSG IP TCVR GUIDE	A	A	v10.0.0A
399G250P	FreeSpeak II QSG IP TCVR GUIDE (PORTUGUESE)	A	A	v10.0.0A
<b>PUB-00282</b>	<b>FreeSpeak II SPLITTER USER GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>

Part No	Description	Rev	Doc Issue	Last Updated
399G106	FreeSpeak II SYSTEM QSG	A	A	v7.6.0A
399G087	FreeSpeak II USER GUIDE	A	A	v7.6.0A
810309Z	GPI-6 GENERAL PURPOSE INPUTS INTERFACE INSTRUCTION MANUAL	3 / C	3	Pre v4.2
810268Z	IFB-104 INTERFACE MANUAL	2 / B	2	v5.1.1
810313Z	INTERFACE MODULE FRAMES: IMF-3, IMF-102, DIF102 INSTRUCTION MANUAL	3 / C	3	Pre v4.2
810310Z	RLY-6 RELAY INTERFACE INSTRUCTION MANUAL	3 / C	3	Pre v4.2
399G283	SW EULA, END USER LICENSING AGREEMENT	A	A	v11.0.0A
810308Z	TEL-14 2-CHANNEL TELEPHONE INTERFACE INSTRUCTION MANUAL	3 / C	3	Pre v4.2
PUB-00012	V-SERIES IRIS USER GUIDE	D	D	v13.1.0A
<b>PUB-00277</b>	<b>V-SERIES IRISX USER GUIDE</b>	<b>A</b>	<b>A</b>	<b>v14.0.0A</b>
810388Z	V-SERIES PANELS AES3 OPTN INST MANUAL	3 / C	3	v5.1.1
810512Z	V-SERIES PANELS DESKTOP PUSH BUTTON REFERENCE CARD	1 / A	1	v5.1.1
810398Z	V-SERIES PANELS DESKTOP REFERENCE CARD	2 / B	2	v5.1.1
810397Z	V-SERIES PANELS PUSH KEY REFERENCE CARD	2 / B	2	v5.1.1
810396Z	V-SERIES PANELS RACK-MOUNT LEVER KEY REFERENCE CARD	2 / B	2	v5.1.1
810406Z	V-SERIES PANELS T OPTN INST MANUAL	1 / A	1	v5.1.1
810405Z	V-SERIES PANELS XLR4M TO XLR7M UPGD MANUAL	C	C	v7.5.0A
399G279	V-SERIES SAFETY INSTRUCTIONS	B	B	v12.0.0A