

Upgrade Guide Supplement



EclipseHX

System Upgrade Guide

Supplement

for

Eclipse HX-Omega

Eclipse HX-Median

Eclipse HX-PiCo

Rev 10.0.0 Rev B

Document Reference

Clear-Com Eclipse HX System Upgrade Guide Supplement

PN: 399G272 Rev B

Legal Disclaimers

Copyright © 2018 HME Clear-Com Ltd.

All rights reserved.

Clear-Com, the Clear-Com logo, and Clear-Com Concert are trademarks or registered trademarks of HME Electronics, Inc.

The software described in this document is furnished under a license agreement and may be used only in accordance with the terms of the agreement.

The product described in this document is distributed under licenses restricting its use, copying, distribution, and decompilation/reverse engineering. No part of this document may be reproduced in any form by any means without prior written authorization of Clear-Com, an HME Company.

Clear-Com Offices are located in California, USA; Cambridge, UK; Montreal, Canada; and Beijing, China. Specific addresses and contact information can be found on Clear-Com's corporate website:

www.clearcom.com

Clear-Com Contacts

Americas and Asia-Pacific Headquarters

California, United States

Tel: +1.510.337.6600

Email: CustomerServicesUS@clearcom.com

Europe, Middle East, and Africa Headquarters

Cambridge, United Kingdom

Tel: +44 1223 815000

Email: SalesSupportEMEA@clearcom.com

Canada Office

Quebec, Canada

Tel: +1 (450) 653-9669

China Office

Beijing Representative Office

Beijing, P.R.China

Tel: +8610 65811360/65815577

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 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1F1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- ECLIPSE HX 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1F1
- 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 – 399G272

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

- ECLIPSE HX 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1F1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- ECLIPSE HX 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1F1
- 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 – 399G272

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

- | | |
|---|---------------|
| • ECLIPSE HX 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB | – T12632-1F1 |
| • ECLIPSE SYSTEM DRIVERS USB | – T12632-1A1 |
| • ECLIPSE HX 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD | – T12889-1F1 |
| • 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 | – 399G272 |

PLEASE NOTE: ALL CHANGES ARE MADE WITH REFERENCE TO THE ECLIPSE HX UPGRADE GUIDE – P/N 399G271 – WHICH CAN BE FOUND ON THE ECLIPSE HX SYSTEM SOFTWARE AND DOCUMENTATION USB AND DVD

(SEE SOFTWARE > SOFTWARE - EHX.XXX > DOCUMENTS\UPGRADE MANUALS\ECLIPSE_HX_UPGRADE_GUIDE-399G271A.PDF)

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
 - o “ECLIPSE OMEGA” with “ECLIPSE HX-OMEGA” or
 - o “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
 - o “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 10.0.0 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 v10.0.0 Rev B Software Components

USB

S/W=T12632-1F1 Rev B
F/W=T12632-1A1 Rev J
Doc=T12632-1F2 Rev B

DVD

S/W=T12889-1F1 Rev B
F/W=T12889-1A1 Rev J
Doc=T12889-1F2 Rev B

	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
Drivers	710906Z	DIG-2 Front Card CPLD Code	Lattice 1016E	JED	0C8A	1 / A	A	Pre v4.2

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
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	780G036	E-DANTE64-HX H8 Application		.fwc	n/a	A	0.22.58.0	v8.8.0A
Drivers	780G037	E-DANTE64-HX H8 FPGA		.fwc	0x149f629c	C	1.2.59.0	v10.0.0B
Drivers	780G042	E-DANTE64-HX H8 BOOT		.fwc/.mot	n/a	A	0.22.57.0	v8.8.0A
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	B	1.4.0 BKLYN App 4.0.9.1 BKLYN FPGA 4.0.2.7 CC App 1.3.61.1	v10.0.0A
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			0x1688cba6	E	1.12.12.0	v10.0.0A
Drivers	780G041	F/W, E-MADI MK-II FPGA		MCS, SVF, FWC	0x1622995a	D	2.5.62.0	v10.0.0A
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
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

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
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	F	2.6.28.0	v10.0.0B
Drivers	780G003	FS II 1.9 BELTPACK APPLICATION FIRMWARE		FWW,FWS	n/a	N	2.27.32.0	v10.0.0B
Drivers	780G065	FSII IP 1.9 TRANSCEIVER APPLICATION FIRMWARE		.tar.gz	n/a	C	1.41.67.0 App 1.41.67.0 Boot 1.0.68.5 Baseband 0102 FPGA v.2.0.0-b100-c4	v10.0.0B
Drivers	780G026	FS II 2.4 ANTENNA FIRMWARE		FWW,FWS	n/a	C	2.2.49.0	v10.0.0A
Drivers	780G025	FS II 2.4 BELTPACK APLPLICATION FIRMWARE		FWW,FWU,FWS	n/a	H	2.24.50.0	v10.0.0B
Drivers	780G058	E-IPA-HX APPLICATION FIRMWARE		.tar.gz	n/a	D	1.62.63.0 FPGA 17.1.64.0 (v.2.0.0-b5) Boot 1.0.65.02 App 1.62.63.0	v10.0.0B
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_V2 6_K19	v5.2.4
Drivers	710831Z	FSBP FreeSpeak Beltpack RM5 DECT Stack		.HEX	n/a	2 / B	c6657_dect_hw_pp_v2 2_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_v2 2_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
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

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
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	EPM3032ATC4 4-10N	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	A	2.12.7.0	v8.0.0A
Drivers	780G015	MVX-HX BOOT Eclipse Omega/Median & Pico		FWC, MOT	n/a	A	2.12.6.0	v8.0.0A
Drivers	780G011	MVX-HX Combined BOOT & APP H8 FLASH, ECLIPSE & PICO		BIN, MOT	n/a	A	2.12.7.0 2.12.6.0	v8.0.0A
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_V2_6_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

	Part No	Description	Device	File Type	C/Sum	Rev	Issue	Last updated
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	J	J	v10.0.0B
Doc	785G118	S/W, HX 10.0.0 DOC IMAGE USB DVD ECLIPSE HX		.ZIP	n/a	B	B	v10.0.0B
Software	785G119	S/W, HX 10.0.0 SW IMAGE USB DVD ECLIPSE HX		.ZIP	n/a	B	B	v10.0.0B
Software	785G121	S/W, HX 10.0.0 CFG CARD APP OMEGA, MEDIAN, DELTA ECLIPSE HX		FWR	n/a	B	18.81.2.0	v10.0.0B
Software	780G063	F/W CONFIG CARD SECONDARY BOOT CODE		FWR	n/a	A	18.76.71.0	v10.0.0A
Software	785G117	S/W, HX 10.0.0 EHX CONFIG ECLIPSE HX		Exe	n/a	B	18.102.1.0	v10.0.0B
Software	785G120	S/W, HX 10.0.0 DYNAM-EC ECLIPSE HX		.EXE	n/a	A	15.3.4.0	v10.0.0A
Software	785G123	S/W, HX 10.0.0, INSTALLER EHX & DYNAM-IC ECLIPSE HX		.EXE	n/a	B	2.0 EHX 18.102.1.0 Dynam-EC 15.3.4.0	v10.0.0B
Software	785G122	S/W, HX 10.0.0, PICO APP ECLIPSE HX		FWR	n/a	B	18.81.3.0	v10.0.0B
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	J	4.6.0	v10.0.0A
Drivers	790039Z	V-Series Panel Display PIC Application Code, V-Series		HEX,FWP,4K P	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		vmlImage	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	H	0.2	v8.5.0A

Appendix B: Eclipse HX Omega / Median / PiCo v10.0.0 Rev B Documentation

- Note: All documentation is on the ECLIPSE HX 10.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB and DVD

USB

Doc=T12632-1F2 Rev B

DVD

Doc=T12889-1F2 Rev B

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
399G008	INSTR, F/W RELEASE NOTE ECLIPSE	V	V	v10.0.0B
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
399G262	GUIDE, HX 10.0.0 WIRELESS USR ECLIPSE HX	A	A	v10.0.0A
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
399G145	GUIDE, HX 8.5.0 PICO USER ECLIPSE HX	D	D	v8.5.1D
399G264	GUIDE, HX 10.0.0 DYNAM-EC USR ECLIPSE HX	A	A	v10.0.0A
399G263	GUIDE, HX 10.0.0 CONFIG SW ECLIPSE HX	A	A	v10.0.0A
399G267	GUIDE, HX 10.0.0 V-PNL USR ECLIPSE HX	A	A	v10.0.0A
399G271	GUIDE, HX 10.0.0 UPGRADE ECLIPSE HX	A	A	v10.0.0A
399G268	GUIDE, HX 10.0.0 OMEGA USR ECLIPSE HX	A	A	v10.0.0A
399G269	GUIDE, HX 10.0.0 MEDIAN USR ECLIPSE HX	A	A	v10.0.0A
399G270	GUIDE, HX 10.0.0 DELTA USR ECLIPSE HX	A	A	v10.0.0A
399G220	GUIDE, HX 9.1.0 DELTA USR ECLIPSE HX	A	A	v9.1.0A
399G239	GUIDE, HX 9.1.0 FRAME INST ECLIPSE HX	A	A	V9.1.0A
399G272	GUIDE, HX 10.0.0 UG SUPP ECLIPSE HX	B	B	v10.0.0B
399G274	NOTE, HX 10.0.0 ECLIPSE REL ECLIPSE HX	A	A	v10.0.0A
399G266	GDE, HX 10.0.0 EHX LOGIC ECLIPSE HX	A	A	v10.0.0A
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