

Upgrade Guide Supplement



EclipseHX

System Upgrade Guide

Supplement

for

Eclipse HX-Omega

Eclipse HX-Median

Eclipse HX-PiCo

Rev 12.1.0 Rev A

Document Reference

Clear-Com Eclipse HX System Upgrade Guide Supplement

PN: PUB-00048 Rev A

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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 12.1.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1K1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- ECLIPSE HX 12.1.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1K1
- 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-00048

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

- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1K1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1K1
- 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-00048

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

- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION USB – T12632-1K1
- ECLIPSE SYSTEM DRIVERS USB – T12632-1A1
- ECLIPSE HX 12.0.0 SYSTEM SOFTWARE & DOCUMENTATION DVD – T12889-1K1
- 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-00048

PLEASE NOTE: ALL CHANGES ARE MADE WITH REFERENCE TO THE ECLIPSE HX UPGRADE GUIDE – P/N PUB-00047 – 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 12.1.0 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 FreeSpeak II/ FreeSpeak EDGE Software & Driver Components

USB

Software = T12632-1K1 Rev A

Drivers = T12632-1A1 Rev U

DVD

Software = T12889-1K1 Rev A

Drivers = T12889-1A1 Rev L

| | 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 |

| | Part No | Description | Device | File Type | C/Sum | Rev | Issue | Last updated |
|----------|-----------|--|---------------|-----------|----------|-------|---|--------------|
| Drivers | 790001Z | CONFIG CARD BOOT EPROM CODE OMEGA & MEDIAN ECLIPSE | ST 27W201 | S Record | 5468 | B | 2.4.22.0 | v7.0.0 A |
| Software | 780G063 | CONFIG CARD SECONDARY BOOT CODE | | FWR | n/a | A | 18.76.71.0 | v10.0.0A |
| 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-00058 | ECLIPSE HX CFG CARD APP OMEGA, MEDIAN, DELTA | | FWR | n/a | A | 23.22.2.0 | v12.1.0A |
| Software | SOF-00056 | ECLIPSE HX CONFIG | | Exe | n/a | A | 23.20.1.0 | v12.1.0A |
| Software | SOF-00057 | ECLIPSE HX DYNAM-EC | | .EXE | n/a | A | 18.5.4.0 | v12.1.0A |
| Software | SOF-00060 | ECLIPSE HX INSTALLER EHX & DYNAM-EC | | .EXE | n/a | A | 1.0 EHX 23.20.1.0 Dynam-EC 18.5.4.0 | v12.1.0A |
| Software | SOF-00059 | ECLIPSE HX PICO APP | | FWR | n/a | A | 23.22.3.0 | v12.1.0A |
| Drivers | 710848Z | ECLIPSE SERIAL CONFIG UPLOADER | | .EXE | n/a | 1 / A | 2.0.1 | Pre v4.2 |

| | Part No | Description | Device | File Type | C/Sum | Rev | Issue | Last updated |
|----------------|----------------|---|-------------|----------------|------------|----------|--|-----------------|
| 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 | 780G043 | E-DANTE64-HX H8 DSP | | .fwc | n/a | A | 1.4.60.0 | v8.8.0A |
| Drivers | 780G037 | E-DANTE64-HX H8 FPGA | | .fwc | 0x149f629c | C | 1.2.59.0 | v10.0.0B |
| 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 | 780G058 | E-IPA-HX APPLICATION FIRMWARE | | .tar.gz | n/a | M | App 4.15.63.0 FPGA 18.18.64.0 (v.2.1.0-b7) Boot 2.0.65.03 | v12.1.0A |
| 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 | 780G052 | E-MADI MK-II BOOT/APP COMBO | | | | A | Boot 0.20.8.0 and App 0.23.9.0 | v9.1.0A |
| Drivers | 780G041 | E-MADI MK-II FPGA | | MCS, SVF, FWC | 0x169b804c | E | 2.6.62.0 | v10.0.0D |
| Drivers | 785G053 | E-QUE APP MK-I & MK-II ECLIPSE | | .IMAGE | n/a | F | 7.34.5.0 | v12.1.0A |
| Drivers | 710810Z | E-QUE BOOT ROM CODE | | SREC | DBB8 | 2 / B | 1.4 | v5.0.3 |
| Drivers | 710807Z | E-QUE MK-I FPGA | XCF16PVO48C | MCS, SVF | 0x11a2d405 | J | 0.25.16.0 | v10.0.0A |

| | Part No | Description | Device | File Type | C/Sum | Rev | Issue | Last updated |
|---------|------------------|---|-------------|--------------------|------------|----------|---|-----------------|
| 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 | 780G067 | F/W, V-SERIES-IRIS 1.0 DISPLAY BOOTLOADER | | .elf | n/a | A | 0.0.82.5 | v11.0.0A |
| Drivers | SOF-00004 | FreeSpeak EDGE BELTPACK APPLICATION FIRMWARE | | tar.gz | n/a | C | App 2.6.79.0 Boot 1.1.80.0 Baseband 0051-0051 | v12.1.0A |
| Drivers | 780G071 | FreeSpeak EDGE TCVR APPLICATION FIRMWARE | | tar.gz | n/a | D | App 1.35.77.0 Boot 1.0.78.1 FPGA v.0.6.2-b44 QSPI v.2.3.4-b100-c2 Baseband 0051-0051-0030-0030 | v12.1.0A |
| 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 | T | 2.38.32.0 | v12.1.0A |
| Drivers | 780G026 | FreeSpeak II 2.4 ANTENNA FIRMWARE | | FWW,FWS | n/a | C | 2.2.49.0 | v11.1.0A |
| Drivers | 780G025 | FreeSpeak II 2.4 BELTPACK APPLICATION FIRMWARE | | FWW,FWU,FWS | n/a | L | 2.30.50.0 | v12.1.0A |
| Drivers | 780G065 | FreeSpeak II IP 1.9 TRANSCEIVER RELEASE APPLICATION FIRMWARE | | .tar.gz | n/a | K | App 4.10.67.0 Boot 1.0.68.5 Baseband 0107 FPGA v.0.6.2-b44 QSPI v.2.3.4-b100-c2 | v12.1.0A |
| Drivers | 710907Z | FSBP CELLCOM / FreeSpeak ANTENNA AND BELTPACK | | .MOT | n/a | A | 1a | Pre v4.2 |

| | Part No | Description | Device | File Type | C/Sum | Rev | Issue | Last updated |
|---------|----------------|---|-------------------|-------------|------------|----------|--------------------------|-----------------|
| | | BOOTLOADER | | | | | | |
| 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 | 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 | 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 | MXV-HX APP ECLIPSE OMEGA/MEDIAN & PICO | | FWC | n/a | C | 2.62.7.0 | v12.1.0A |
| Drivers | 780G015 | MXV-HX BOOT ECLIPSE OMEGA/MEDIAN & PICO | | FWC, MOT | n/a | A | 2.57.6.0 | v10.0.0D |

| | Part No | Description | Device | File Type | C/Sum | Rev | Issue | Last updated |
|----------|---------|---|----------|-----------|--|-------|--|--------------|
| 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 ECLIPSE | XC18V04 | MCS | 031F12B9 | J | 1.2.18.0 | 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 |
| 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 | SPOx010C | Pre v4.2 |
| Software | 780G064 | PICO SECONDARY BOOT CODE | | FWR | n/a | A | 18.76.72.0 | v10.0.0A |
| 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 |
| Drivers | 785G125 | V-IRIS-SERIES MAIN APPLICATION | | tar.gz | n/a | J | App 3.11.73.0 Reports as 3.11 FPGA v.0.6.2-b44 QSPI v.2.3.4-b100-c2 Report as FPGA v.0.6.2-b44; v.2.3.4-b100-c2 | v12.1.0A |

| | Part No | Description | Device | File Type | C/Sum | Rev | Issue | Last updated |
|---------|---------|---|--------|-----------------|-------|-------|--|--------------|
| | | | | | | | UBoot 0.3.74.21 Reports as 0.3.21 Kernel 4.4.32.0 Reports as 4.4.0 Module App 1.5.81.0 Reports as 1.5.0 | |
| 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 |

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

- Note: All documentation is on the ECLIPSE HX 12.1.0 SYSTEM SOFTWARE & DOCUMENTATION USB and DVD

| | | | |
|------------|-------------------|--------------|-----------------------------|
| USB | | DVD | |
| Doc | T12632-1K2 | Rev A | Doc T12889-1K2 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 |
| PUB-00011 | AOIP NETWORK RECOMMENDATIONS GUIDE | B | B | v12.1.0A |
| 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 |
| PUB-00043 | ECLIPSE HX CONFIG SW GUIDE | A | A | v12.1.0A |
| PUB-00050 | ECLIPSE HX CUSTOMER RELEASE NOTE | A | A | v12.1.0A |
| 399G050 | ECLIPSE HX DELTA PSU BRACKET MOUNTING INSTRUCTIONS | A | A | v7.1.0 |
| 399G035 | ECLIPSE HX DELTA SAFETY INSTRUCTIONS | A | A | v7.1.0 A |
| PUB-00044 | ECLIPSE HX DELTA USR GUIDE | A | A | v12.1.0A |
| 399G265 | ECLIPSE HX DYNAM-EC QSG | A | A | v10.0.0A |
| 399G264 | ECLIPSE HX DYNAM-EC USER GUIDE | B | B | v12.0.0A |
| 399G261 | ECLIPSE HX E-IPA-HX LICENSING QSG | A | A | v10.0.0A |
| 399G303 | ECLIPSE HX FRAME INSTALLATION GUIDE | A | A | v11.1.0A |
| 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 |
| 399G266 | ECLIPSE HX LOGIC GUIDE | B | B | v12.0.0A |
| PUB-00046 | ECLIPSE HX MEDIAN USR GUIDE | A | A | v12.1.0A |
| PUB-00045 | ECLIPSE HX OMEGA USR GUIDE | A | A | v12.1.0A |

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| 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 |
| PUB-00047 | ECLIPSE HX UPGRADE GUIDE | A | A | v12.1.0A |
| PUB-00048 | ECLIPSE HX UPGRADE SUPPLEMENT GUIDE | A | A | v12.1.0A |
| 399G301 | ECLIPSE HX V-PNL USR GUIDE | B | B | v12.0.0A |
| PUB-00064 | ECLIPSE HX WIRELESS USER GUIDE | A | A | v12.1.0A |
| 810376Z | ECLIPSE WIRELESS BELTPACK MANUAL | 4 / D | 4 | v5.1.3 |
| 399G008 | F/W RELEASE NOTE ECLIPSE | AE | AE | v12.1.0A |
| 810319Z | FIM-102D MATRIX FIBRE INTERFACE INSTRUCTION MANUAL | 1 / A | A | Pre v4.2 |
| 810291Z | FIM-108 MATRIX FIBRE INTERFACE INSTRUCTION MANUAL | 1 / A | A | Pre v4.2 |
| 810385Z | FIM-202D INSTRUCTION MANUAL | 3 / C | 3 | v5.1.1 |
| 810385Z | FIM-202D MATRIX FIBRE 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 |
| PUB-00020 | FreeSpeak EDGE USER GUIDE | B | B | V12.1.0A |
| 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 |
| 399G182 | FreeSpeak II SPLITTER USER GUIDE | D | D | v12.1.0A |
| 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 |

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| 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 | A | A | v12.0.0A |
| 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 |