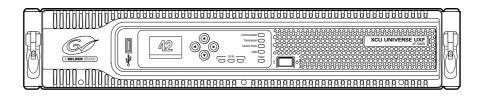


Maintenance Manual

13-00066-000 May 2019 v1.0



XCU UXF Fiber Series

XF Transmission Fiber Base Station



Declaration of Conformity

We, Grass Valley Nederland B.V., Bergschot 69, 4817 PA Breda, The Netherlands, declare under our sole responsibility that these products are in compliance with the following standards:

- EN62368-1:2014 + AC:2015 Safety
- EN55032:2012 + C2:2013 EMC (Emission)
- EN55103-2:2009 EMC (Immunity)

following the provisions of:

- a. the Low Voltage directive 2014/35/EU
- b. the EMC directive 2014/30/EU
- c. the RoHS directive 2011/65/EU

FCC CLASS A Statement

This product generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause interference to radio communications.

It has been tested and found to comply with the limits for a CLASS A digital device pursuant to part 15 of the FCC rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment.

Operation of this product in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Copyright

Copyright Grass Valley Canada 2019. Copying of this document and giving it to others, and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of a utility model or design. Liable to technical alterations in the course of further development.

Trademarks

Grass Valley, LDX Series and derivatives are trademarks or registered trademarks of Grass Valley Canada. Belden Inc., Grass Valley Canada and other parties may also have trademark rights in other terms used herein.

Recycling

Visit www.grassvalley.com for recycling information.

Packing for return

If a unit is being returned to Grass Valley for servicing, try to use the containers and materials of the original packaging. Attach a tag indicating the type of service required, return address, model number, full serial number and the return number which will be supplied by your Grass Valley service centre. If the original packing is not available or can no longer be used contact your regional Grass Valley service representative to have a return package provided.

Important information

This information is intended as a guide for trained and qualified personnel who are aware of the dangers involved in handling potentially hazardous electrical / electronic equipment. It is not intended to contain a complete list of all safety precautions which should be observed by personnel in using this or other electronic equipment.

The installation, maintenance and service of this equipment involves risks both to personnel and equipment and must be preformed only by qualified personnel exercising due care.

Personnel engaged in the installation, operation, maintenance or servicing of this equipment are urged to become familiar with First Aid theory and practises.

During installation and operation of this equipment, local building safety and fire protection standards must be observed.

Whenever it is likely that safe operation is impaired, the apparatus must be made inoperative and secured against any unintended operation. The appropriate servicing authority must then be informed. For example, safety is likely to be impaired if the apparatus fails to perform intended function or shows visible damage.

Warnings and Cautions

When preforming service, be sure to read and comply with the warning and caution notices appearing in the manuals. Warnings indicate danger that requires correct procedures or practices to prevent death or injury to personnel. Cautions indicate procedures or practices that should be followed to prevent damage or destruction to equipment to property.

Warnings

- THE CURRENTS AND VOLTAGES PRESENT IN THIS EQUIPMENT ARE DANGEROUS.
 ALL PERSONNEL MUST AT ALL TIMES FOLLOW THE SAFETY REGULATIONS.
- ALWAYS DISCONNECT POWER BEFORE REMOVING COVERS OR PANELS.
- ALWAYS DISCHARGE HIGH VOLTAGE POINTS BEFORE SERVICING.
- NEVER MAKE INTERNAL ADJUSTMENTS, PERFORM MAINTENANCE OR SERVICE WHEN ALONE OR WHEN FATIGUED.
- IN CASE OF AN EMERGENCY ENSURE THAT THE POWER IS DISCONNECTED.
- ANY INTERRUPTION OF THE PROTECTION CONDUCTOR INSIDE OR OUTSIDE THE APPARATUS, OR DISCONNECTION OF THE PROTECTIVE EARTH TERMINAL, IS LIKELY TO MAKE THE APPARATUS DANGEROUS. INTENTIONAL INTERRUPTION IS PROHIBITED.

Cautions

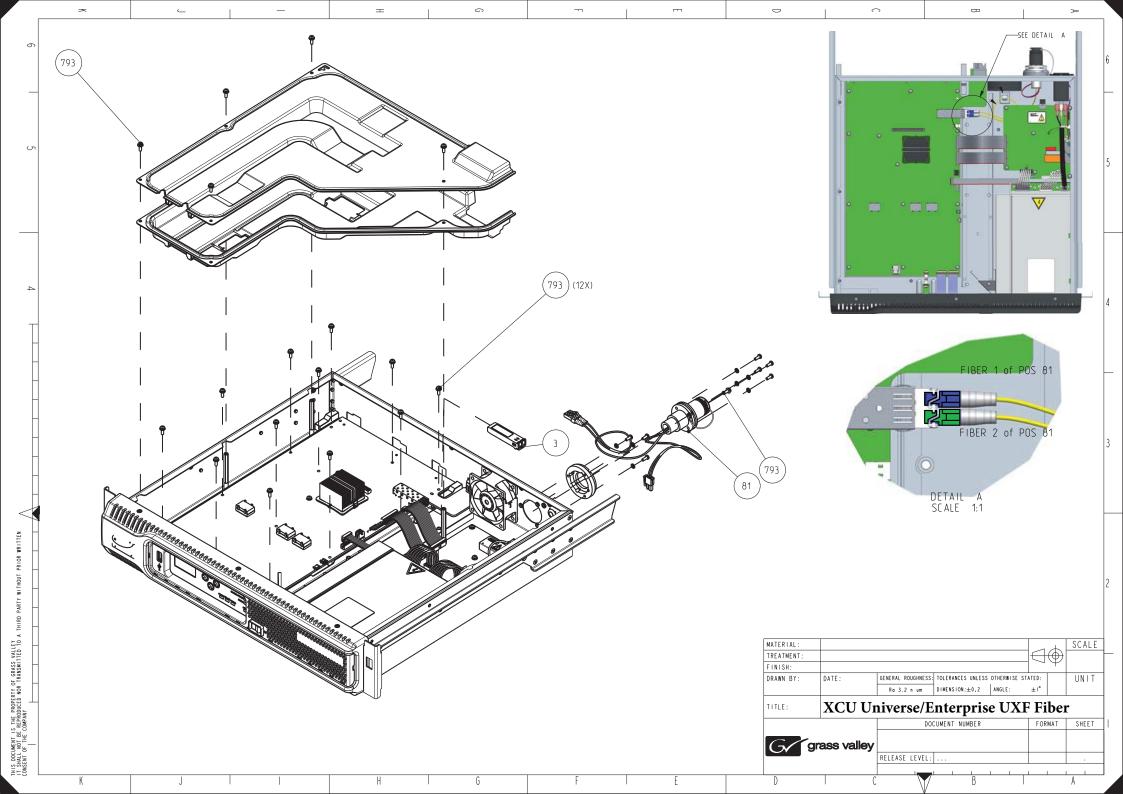
To prevent risk of overheating, ventilate the product correctly.

1-1102802-0200 - XCU Universe UXF Fiber

1-1102701-0200 - XCU Enterprise UXF Fiber

List of Field Replacable Units (FRUs):

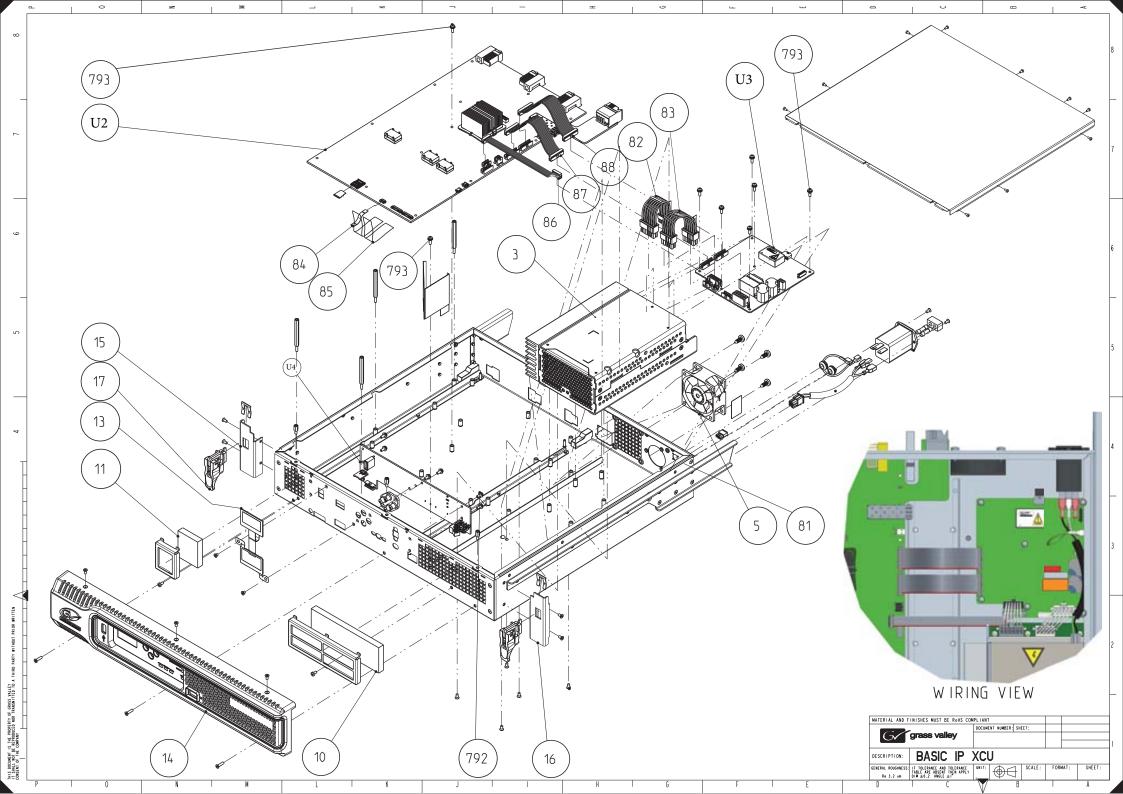
Pos	Part Number	Description
3	120-00001-01	LSR DIG SFP+ 1310nm EOLP-1396-20-I
81	3922 407 62633	LEMO FIBER BASESTATION ASSEMBLY
793	326-00007-01	COMBI SCR PAN STL ST M3X10



500-00062-02 - BASIC IP XCU

List of Field Replacable Units (FRUs):

Pos	Part Number	Description
3	4-00000001-01	FRU KIT FOR 300V POWER SUPPLY UNIT
5	500-00075-01	FAN ASSY
10	3922 405 08651	AIR FILTER FOAM RIGHT
11	3922 405 08641	AIR FILTER FOAM LEFT
13	400-00000-01	DISPLAY OLED 80591 1.54" 128x64dots
14	500-00061-01	FRONT ASSY LCD
15	3922 407 63331	EAR LEFT
16	3922 407 63341	EAR RIGHT
17	3922 407 63321	LOCKING HANDLE
81	3922 407 58743	INLET CABLE ASSY 404-00000-01
82	3922 407 58842	CABLE ASSY POWER BS
83	3922 407 58872	CABLE ASSY POWER BS
84	3922 205 00005	FLEX 10P L= 50 MM.
85	2422 015 18546	CLB FLEX 30P FFC 0.5 SUMICARD TL=81MM 30V
86	3922 407 62761	RIBBON CABLE ASSY 10P
87	3922 407 62781	RIBBON CABLE ASSY 20P
88	3922 407 62791	RIBBON CABLE ASSY 22P
792	326-00006-01	COMBI SCR PAN STL ST M3X8
793	326-00007-01	COMBI SCR PAN STL ST M3X10
U2	522-00034-01	PCBA IP GENERIC BOARD
U3	3922 406 57071	POWER DETECTION 3G BS
U4	3922 406 57441	HS USER INTERFACE BOARD



500-00041-01 - IP 19 INCH BS CRADLE

List of Field Replacable Units (FRUs):

Pos	Part Number	Description
1	500-00042-02	IP CRADLE MECHANICS
2	500-00067-01	IP CONNECTOR AND IP PCBA ASSY

