

NO: PH-187
DATE: June 2014

PRODUCT: E3X-HD Fiber-Optic Amplifiers
TYPE: Modification Notice

E3X-HD Amplifiers: Eco Function and Appearance Modified

Effective date: May 2014 production

Reason for Modification: To improve product quality and value of E3X-HD fiber optic amplifiers, the control output for 1 to 3 amplifiers was increased to 100 mA; the power saving ECO mode has a new “low” setting to provide a continuous display with less power consumption; and pre-wired model leads are now tin plated for easier installation.



Affected Parts

Models	Specification
E3X-HD11 2M	Pre-wired
E3X-HD11 5M	Pre-wired
E3X-HD41 2M	Pre-wired
E3X-HD41 5M	Pre-wired
E3X-HD6	Fiber Amplifier connector
E3X-HD8	Fiber Amplifier connector
E3X-HD14	M8 connector
E3X-HD44	M8 connector
E3X-HD41-M1TJ	M12 connector






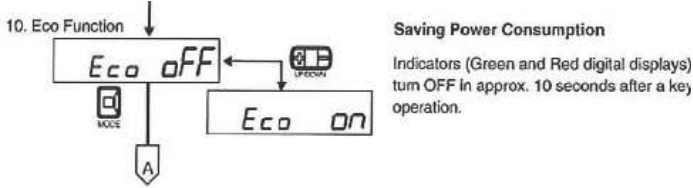
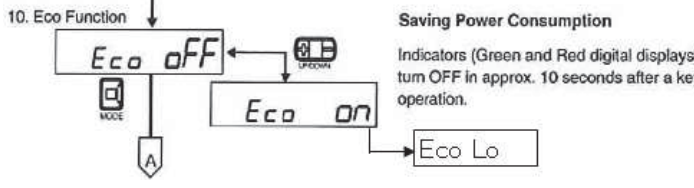
See the following pages for modification details.

Detail of Differences









Control Output

Before the change	After the change
Load current: 50 mA max. (residual voltage: 2 V max.), OFF current: 0.5 mA max.	Load current: Groups of 1 to 3 Amplifier Units: 100 mA max. Groups of 4 to 30 Amplifier Units: 20 mA max. OFF current: 0.1 mA max.





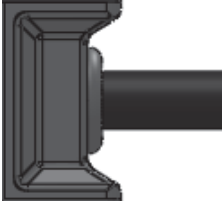
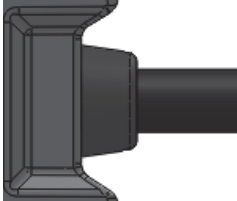
Eco Function

Before the change	After the change
Eco function OFF (The indicators turn ON) Eco function ON (The indicators turn OFF)	Add Eco function LO. Eco function OFF (The indicators turn ON) Eco function ON (The indicators turn OFF) Eco function LO (The indicators turn LO) *Power consumption of Eco LO: 640mW max
Eco function OFF (The indicators turn ON) 	Eco function OFF (The indicators turn ON) 
Eco function ON (The indicators turn OFF) 	Eco function ON (The indicators turn OFF)  Eco function LO (The indicators turn LO) 
SET mode of Eco function Eco OFF (The indicators turn ON) Eco on (The indicators turn OFF) 	SET mode of Eco function Add Eco function LO. Eco OFF (The indicators turn ON) Eco on (The indicators turn OFF) Eco Lo (The indicators turn LO) 

Appearance and Material Changes

Before the change	After the change
<p>Case Material: ABS</p> 	<p>Case Material: PC</p> 
<p>Name Plate</p>  	<p>Name Plate</p>  
<p>Track Mounting Latch</p> 	<p>Track Mounting Latch</p> 

Pre-wired Models Cord Appearance and Material Changes

Before the change	After the change
<p>Lead wires Not plated</p> 	<p>Lead wires Tin plated</p> 
<p>Cord material and appearance Material: Vinyl chloride mixture Finish: Gloss</p> 	<p>Cord material and appearance Material: Vinyl chloride mixture Finish: No gloss</p> 
<p>Cord entrance material and appearance Material: POM</p> 	<p>Cord entrance material and appearance Material: PBT</p> 

Specifications in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products