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## Amphe-Sound Newsletter



Amphenol Australia Pty Ltd

August 2013 , Issue #8

### This issue:

#### XLRnet



XLRnet connectors

#### Quick Facts:

- CAT5E or Class D Ethernet
- A or B type chassis housing
- Shielded or Non-shielded
- LED indicators in Green, Yellow, Red, Orange and Blue.
- Compact space saving design
- Horizontal PCB contacts
- Download XLRnet catalogue [here](#)
- Download the updated 2013 full line catalogue [here](#)

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## XLRnet

XLRnet was designed in conjunction with the Amphenol Data / Telecom product group of Amphenol Canada Corp. a subsidiary of Amphenol Corporation. Utilising our combined expertise and knowledge of the professional audio and high-speed data markets we are proud to offer the XLRnet series. XLRnet is the only CAT 5E connector on the market in the small form factor A or B type horizontal PCB connector housing. Integrated LED's are exclusive to Amphenol's XLRnet saving valuable PCB space and reducing the number of components required on the board. LED output at the front panel is 100% with no loss of light which can be a problem in legacy designs using light pipes. LED's are available in Red, Green, Yellow, Orange or Blue.

Optional bi-colour LED's are available on special request. The versatility of XLRnet allows the designer a number of options from the budget conscious Class D 10/100 Base-T, A type housing without LED's or shielding, part #RJX8FA3HB, to the ultimate high-performance CAT5E 1000 Base-T, B type housing with LED's and shielding hood, part # RJX8FB5HRGEB.

Typical applications include Ethernet-networked audio interface devices such as signal processors, Ethernet bridges and loudspeakers. Samples are available now and further information on ordering codes and customer drawings can be found [here](#) or by contacting us on the details listed below.

**Coming Soon:** XLRnet in D shell and Vertical PCB



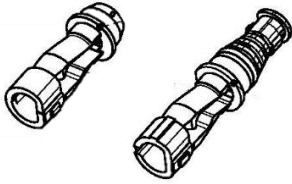
RJX8FB5HRGEB



RJX8FA3HB

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## XLRnet



Supplied with two clamp options

## Quick Facts:

- XLR RJ45 cable plug housing
- Designed for pre-assembled RJ45 cables
- Quick and simple assembly
- Supplied with two cable clamps for 5mm (0.20") or 8mm (0.31") cable O.D.
- Nickel or Black housings

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**Catalogue 2013**  
2013 full line catalogue [here](#)

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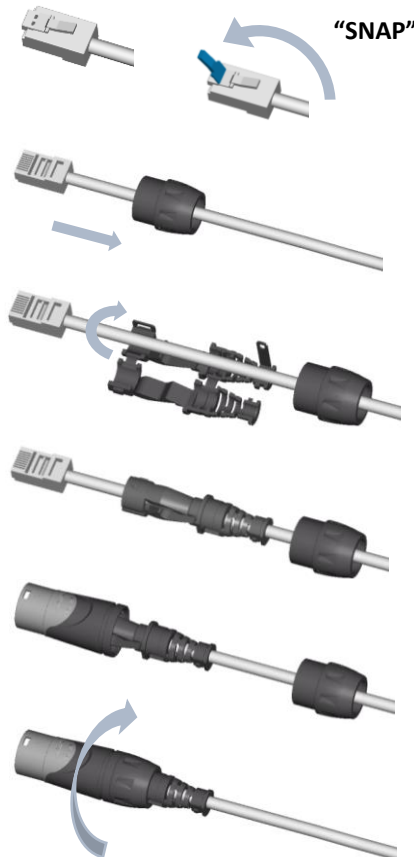
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## XLRnet Plug Housings



RJX8MB

XLRnet series plug housings take their design cues from the ever-popular AX series. The ergonomic and stylised design provides a clean modern look for your Ethernet cabling. Designed for pre-assembled RJ45 cables it can be easily fitted to your existing cables without having to remove the RJ45 plug. Supplied as a kit with two clamps to suit cables with an O.D. of 5mm (0.20") or 8mm (0.31"). Assembly is quick and simple following the steps detailed below. Samples are available now and further information on ordering codes and customer drawings can be found [here](#) or by contacting us on the details listed below.

[XLRnet ASSEMBLY INSTRUCTION P.I. 1059](#)

1. SNAP OR CUT OFF RELEASE TAB OF THE RJ 45 PLUG.



Failure to remove the RJ45's Release Tab will make the XLRnet assembly permanently latching. The XLRnet series has an independent panel side latching system.

2. SLIDE THE NUT (BACKSHELL) ONTO THE CABLE.

3. INSTALL THE CABLE CLAMP-BOOT.

4. CLOSE CLAMP-BOOT, FASTEN THE TWO TABS TOGETHER TO LOCK.

5. PUSH CLAMP-BOOT & CABLE TOGETHER INTO THE SHELL.

6. THREAD THE NUT (BACKSHELL) ONTO THE SHELL (TORQUE 0.8nM-1.2nM) TO CLOSE THE CONNECTOR ASSEMBLY.

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