

PRODUCT SHEET & SPECIFICATIONS

i.Net

AE ROUTER / AUDIO BOOST MODULE

MODEL G130 / G135



FUNCTION

The i.Net AE router ensures quality data transmission, paging and music integrity across long cable runs. Each router terminates and rebroadcasts signals back to full strength allowing the i.Net system wiring network to work at best practices standards.

The AE router:

- boosts and amplifies paging and music signals in addition to the i.LON signals.
- has music and paging outputs jacks.
- allows adjustment to the amount of EQ compensation for various lengths of cable (up to 9500 feet for each AE Router).

The Audio Boost Module (G135) is an AE Router Unit without the Echelon neuron control board. This unit will boost audio exactly like the G130. It will not boost the data network signal. Paging and Music may be routed in or out of the router via internal jumpers to the screw terminals located on either end of the router to either integrated OP Amps or component amplifiers and equalizers for signal boost and correction. This setup is typically run at approximately the 30th OP in a run or at 3000 feet of cable.

Note: Never plug an i.Net AE router or Audio Boost Module into any computer or network or like device other than i.Net equipment as damage to a computer or like equipment could occur.

DIMENSIONS

+ w 7 1/2" x h 4" x d 2 1/2"

ROUTER INPUT VOLTAGE

+ 16-24 VAC or VDC (INPUT 1)
+ 24-48 VAC or VDC (INPUT 2)

POWER INPUT

Option 1

+ Power Supply – 5.5mm O.D./2.1mm I.D./Center+

Option 2

+ Screw Terminal – Use minimum 2 conductor 18 gauge plenum rated wire for power attachment

INPUTS/OUTPUTS

+ Data CAT 5e RJ45

SCREW TERMINAL INPUTS & OUTPUTS

+ Paging
+ Music
+ Audio Ground