Fibre for long distance

The 9014 Fibre Interface has been designed to extend the networking capabilities of the Soundweb system. Using the 9014 Fibre System, the distance between Soundweb devices can be increased to 1.2 miles (2km).

Fibre for noise immunity

The added advantage of using a fibre system is that fibre itself is totally immune to outside noise and interference, so your audio signals remain pristine from end to end.
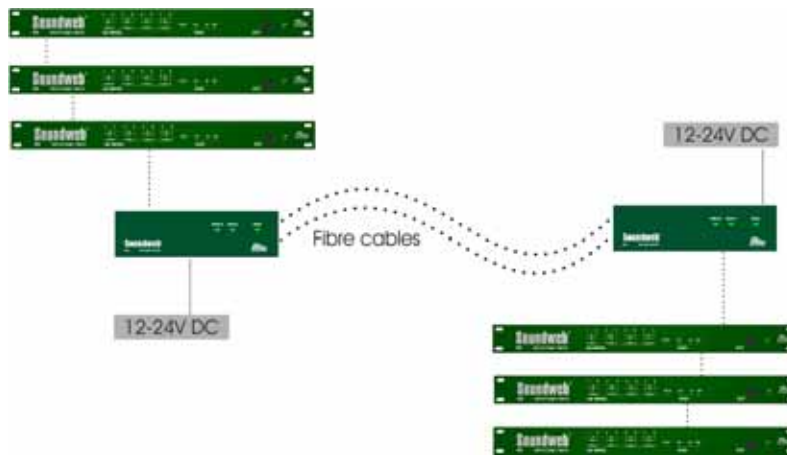
Installation

A pair of 9014 Fibre Interface units are used to replace a standard category 5 Soundweb network cable. Each fibre cable will transfer 8 channels of digital audio plus control data.

To utilise the fibre system, each end of the fibre link requires one 9014 device. Each device is equipped with an RJ-45 Soundweb network cable jack into which the network cable is connected, and two snap-in SC type fibre connectors.

Two fibre cables are then required to connect between 9014 devices - this is to enable the bi-directional audio transfer.

Each 9014 device requires a DC supply of 12V to 24V DC (BSS part Z-999-PSU). This PSU is capable of powering 8 9014 Fibre Interface modules. Power can be shared with the 9010 Remote Control, but not via the network cable.

Multiple 9014 Interfaces

A mounting panel is available so that up to three 9014 devices may be installed in a single rack space.

Technical Specifications

Power

DC Supply:	12-24V DC, <5VA
Connector:	Phoenix screw terminal or 2.4mm inline barrel connector
Network:	Single RJ-45 Can be input node or output node - auto-sensed (no setup required)
Fibre Connections:	Snap-in SC fibre input Snap-in SC fibre output
Fibre cable:	Multimode 62.5/125um or Multimode 50/125um
Optical Power Budget:	10dB
Indicators:	Power led Fibre Link Active led Network cable present led
Max fibre length	2000 metres/ 6550 feet/ 1.2 miles
Dimensions	5.3" x 5.5" x 1.4" 135 x 139 x 36mm

Three 9014 devices can be mounted side-by-side in a 1U panel (available from BSS Audio). The panel can be used to rackmount a single or two 9014 devices if required, and can be fitted with the Z-999-PSU in this case.

BSS Audio offer a universal AC input +24V DC power supply (Z-999-PSU).

BSS Audio have a policy of continued product improvement and accordingly reserve the right to change features and specifications without prior notice.
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