



# TECHNICAL BULLETIN

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## **INSTALLATION OF ETHERSOUND CARD** **(DiGiRack 2 and MiNiRack)**

In order for the DiGiCo EtherSound card to operate, the console software should be up to date as follows:

D series - D5 v3.28D, D1 v1.28D DS-00 v1.94 D4 v2.53 or later.

SD series - SD7 v96, SD8 v87 (using DiGiRack or MiniRack only, not SD8 MadiRack)

The rack F: and S: files displayed in the rack menu should be dated 10/03/06 and 12/12/06 or later.

Racks with older versions can be updated using DIGIRACK.EXE from the mixer. Contact technical support for reprogramming notes, if required.

The Firmware on the EtherSound card should be v1.3 or 0700 (depending which Auvitran software you are running to check the revision) or later, as displayed on the external PC. Earlier versions can be upgraded from the PC.

The card should occupy any of the input slots of the DiGiRack (1-7 to the left of the rack) as it is a bi-directional card or any slot in the MiNiRack. The SD8 MadiRack does not support bidirectional cards.

### **Socket file declarations in D series.**

The card madi declaration should be defined as slot type: ETHER For example

Card position	Madi Declaration
Rack 3 Slot 2	MADI 3-2 = ETHER

Routing socket names can be programmed in the usual manner, or if undeclared will be left as system default names.

### **Socket naming in SD series**

Current software will allow the EtherSound module to be detected / declared in the audio IO setup page and the sockets to be labelled in the normal way, as for all modules.

### **Connection**

The EtherSound specification requires the use of Unshielded Twisted Pair ( UTP) Cat-5e cables for all interconnections. Cat 6 cables can also be used. Digico modules are equipped with Neutrik NE8MC ruggedised RJ45 connectors.

Do not use shielded Cat-5e cables with EtherSound devices.

Connections to other EtherSound equipped units will be dependent on the external system and is not directly controlled from the Digico system. Advice regarding operation of these systems should be got from the manufacturers of the units in use.

Part of the external system will be a PC running some EtherSound control and programming software, typically from Auvitran. Multiple EtherSound cards can be connected in series to the control PC, which will detect and address these individually.

For further details on EtherSound systems see

[www.auvitran.com](http://www.auvitran.com)

EtherSound control and programming software technical information

[www.auvitran.com/view.php?products\\_AV5-ESMonitor.php](http://www.auvitran.com/view.php?products_AV5-ESMonitor.php)