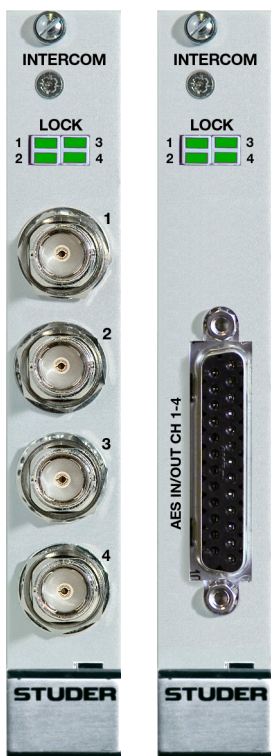


Intercom Card

This single-width I/O card is intended for intercom applications via a Studer D21m system. It allows embedding of the intercom audio and control signals into the standard digital multi-channel link (such as MADI) between Studer Vista or OnAir DSP cores and a remote stagebox.



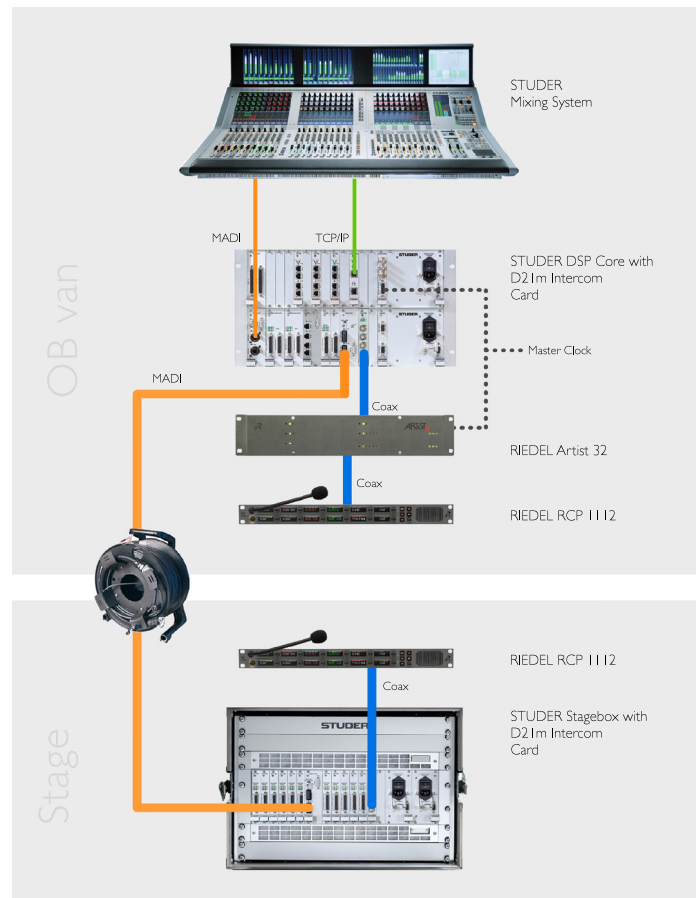
The intercom card features four bi-directional stereo AES3 ports and serves as an interface to intercom panels. As physical interface, four BNC connectors are used. The AES3 data is transferred in both directions over each single BNC connector using hybrid circuits.

The card, and the desk router, are transparent to the C and U bits, so control data is transmitted from the stagebox to the base I/O via the MADI link. The card is compatible with all Studer devices using the D21m I/O system.

Four 'locked' LEDs indicate a successful lock to the incoming AES3 signals. An invalid input sample rate is indicated by a flashing LED.

As an assembly option, the card can be fitted with a 25-pin D-type connector instead of the BNC sockets. In this version the card may also be used as a smaller alternative to the D21m AES M2 I/O-card with 4 inputs and 4 outputs providing 8 conventional 110 Ω balanced circuits.

Part number of the D21m Intercom card (BNC) is **5037475**
 Part number of the D21m Intercom card (D-Sub) is **5037474**



Specifications

Number of channels	4 stereo inputs and outputs
Connectors	4 × BNC or 25-pin D-type
I/O Impedance	75 Ω (BNC) or 110 Ω (D-type)
Sample rate	48 kHz

