



## **Installation instructions to install an Airlab Digital input module into an existing Airlab.**

The Airlab input module has the ability to accept and sent AES-3 signals. Acceptance of AES-3 signals is no problem when installing a module. But.. the master signal has to be returned to this input module to be able to convert it into an AES3 signal. The return signals for digital audio are generated in the master section and need to be physically returned to the digital input module.

There is a 20 pin connector flat cable called "Master Shuttle". This flat cable and its three connectors normally is only used for interconnecting the master boards positioned below the master front panel.

When a digital input module is going to be used the small 3 (20 pole) connector flat cable has to be removed and replaced by a 19-connector flat cable.

This is a flat cable with 8-3-8 connectors.

From that new flat cable the center positioned 3 connectors replace the existing shuttle cable in the master section. The remaining 8 connectors on the left and 8 connectors on the right hand side of the master section make it possible now to return the analog audio to any digital input module anywhere in the frame.

Just connect the related position connector the digital modules 20 pin header and the analog signal is returned and converted into digital on the input module.

Parts needed to do this installation:

1 piece 20 pole 8-3-8 flat cable.

### **Instructions:**

1. Remove the screw cover strips on top and bottom of the module.
2. Remove all screws from the front panel of the master section.
3. Lift the master section on the armrest side.
4. Remove the 3 connector/20 pole shuttle cable
5. Replace this shuttle cable with the new longer shuttle cable.
6. Position the remaining 2x8 connectors underneath the existing modules.
7. Replace a triple input module or blank by the new digital module and connect the related 20 pole connector to this module
8. Test everything before you mount all front panels again.

Good luck!

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