

M55D

INSTALLATION & OPERATING GUIDE

DANTE[®]-AES67
MICROPHONE INTERFACE



AUDIX[®]

THE AUDIX INTEGRATED MICROPHONE SYSTEM | DANTE-AES67

The Audix Dante-AES67 microphone systems are the industry's first integrated solution to eliminate multiple connectors by providing audio, LED status and logic functionality with a single RJ45 cable connection. This design reduces conventional wiring and installation time by 90% and eliminates wiring errors. Once the connection is made to the network via the Audix DN4 interface, the Audix microphone(s) will be automatically recognized and populated by model number in the Audix DSP plugin.



IN THE BOX

- M55D microphone
- Knurled fastener
- Seismic / restraint cable
- Spec sheet
- Installation guide



INSTALLATION

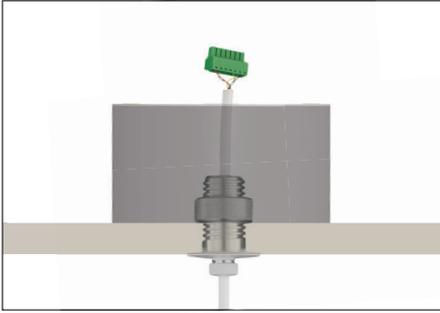


FIGURE 1

Drill a 3/4" (19mm) hole in the ceiling tile. Place cylinder on top of hole after removing the lid, and insert M55D collar through the hole. Fasten nut.

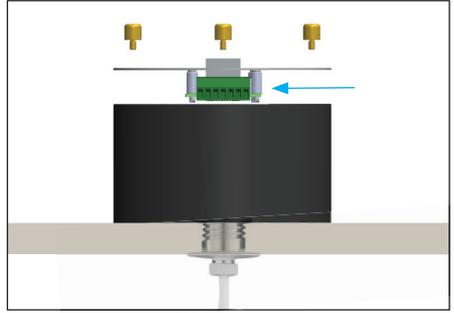


FIGURE 2

Plug in 7 pin microphone connector into mating receptacle as shown above. Refasten lid.

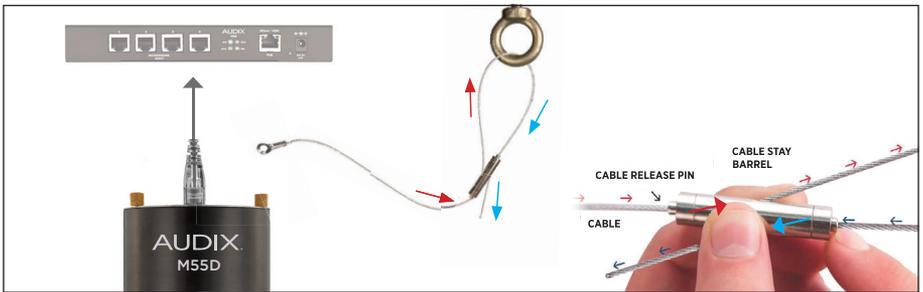


FIGURE 3

Insert category cable into RJ45 receptacle of M55D and DN4/DN43 mic input. Use Audix Cat7 or shielded category cable.

FIGURE 4

Seismic cable installation; Insert cable through the top of cable stay barrel pulling excess cable until taut. Place cable eyelet under brass screw and fasten.

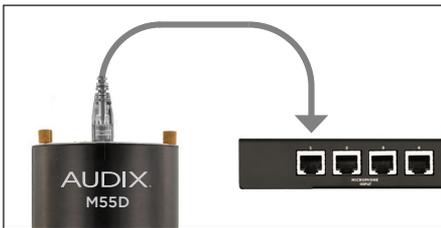


FIGURE 5

Connect up to four microphones to the Audix DN4 or one M3 and one single-channel microphone to the Audix DN43 interface.

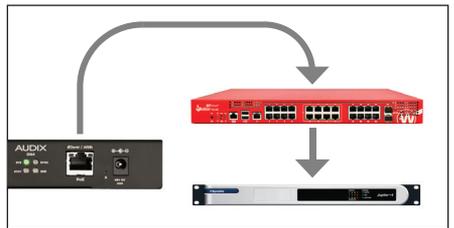


FIGURE 6

Connect the DN4/DN43 Dante-AES67 interface to a PoE switch (see DN4/DN43 guide).

FINAL ADJUSTMENT

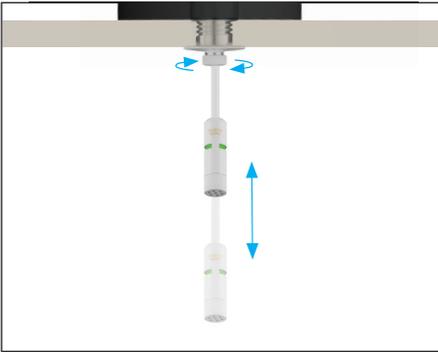


FIGURE 7

For desired microphone coverage and position, loosen M55D knurled nut (approx. half-turn), adjust cable length, and retighten nut.

OPERATION OVERVIEW

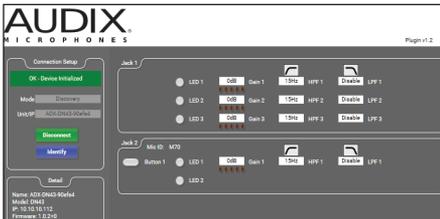


FIGURE 9

1. Open Dante controller to confirm discovery on your network
2. If using Q-SYS™ DSP open Designer Asset Manager and Download Audix Plugin
3. Open Audix Plugin
4. See Figure 10 for Q-SYS™ control and LED functions
5. For DSP's currently without Audix plugin, audio channels can be routed through the Dante controller.
6. See tech support at audixusa.com for updated API / Plugin information

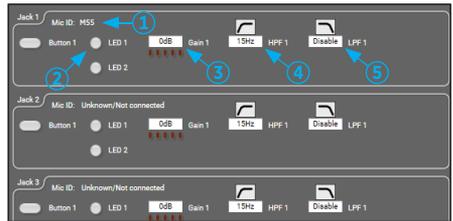


FIGURE 10

1. Mic ID will show model number by channel
2. Starting “state” LED color can be selected
3. Gain control
4. High pass filter
5. Low pass filter
6. See Q-SYS™ designer asset manager Audix help file for detailed instructions