

M70WD

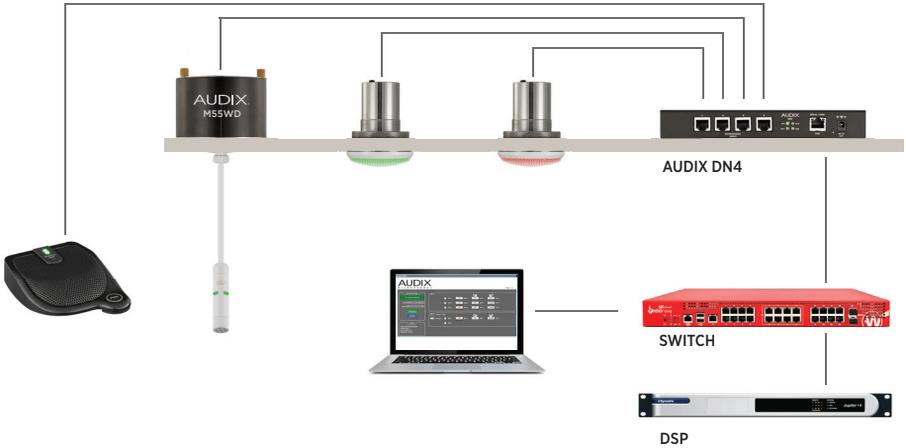
INSTALLATION &
OPERATING GUIDE



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

- M70WD microphone
- Knurled fastener
- Seismic / restraint cable
- Spec sheet
- Installation guide



INSTALLATION



FIGURE 1

Determine the microphone placement, drill a 2 inch (51mm) hole in the ceiling tile or mounting surface.



FIGURE 2

Remove the knurled ring from the module, insert the module through the hole and reattach the knurled ring. Connect RJ45 cable to the M70 module.



FIGURE 3

For seismic cable installation, wrap the cable through beam, eyebolt or hanger and cable stay barrel (see figure 4). Remove M70WD placement screw and place eyelet over hole and tighten screw.

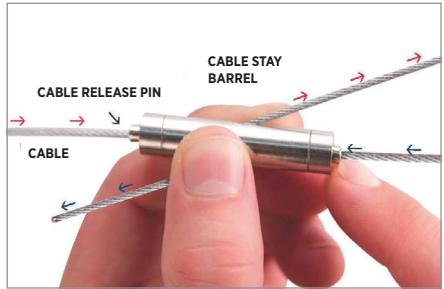


FIGURE 4

Cable Stay Operation

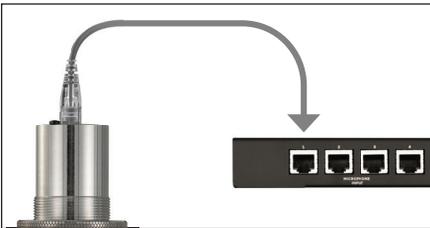


FIGURE 5

Connect up to 4 microphones via Cat5 - 7 to the Audix DN4 interface.

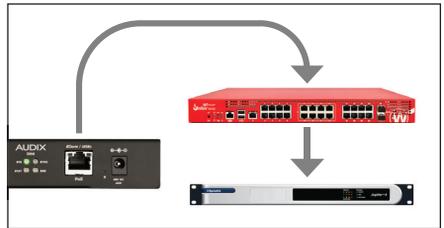


FIGURE 6

Connect the DN4 Dante interface to a PoE switch (see DN4 guide).

FINAL ADJUSTMENTS



FIGURE 7

Remove grille by turning counterclockwise. Adjust the microphone to point to the desired direction or coverage area.



FIGURE 8

Reinstall grille – do not overtighten.

OPERATION OVERVIEW

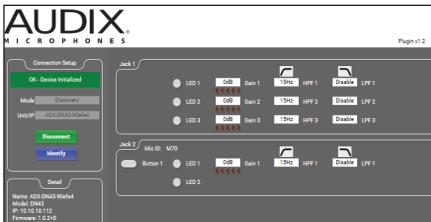


FIGURE 9

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

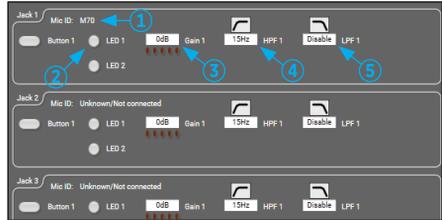


FIGURE 10

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