

M55

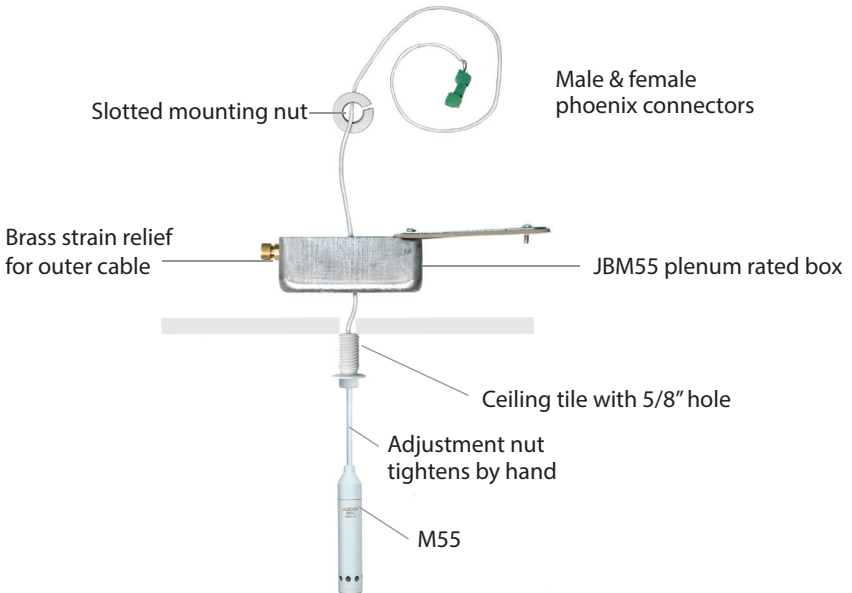
HANGING CEILING MICROPHONE

Installation Guide



AUDIX®

M55 EXPLODED VIEW

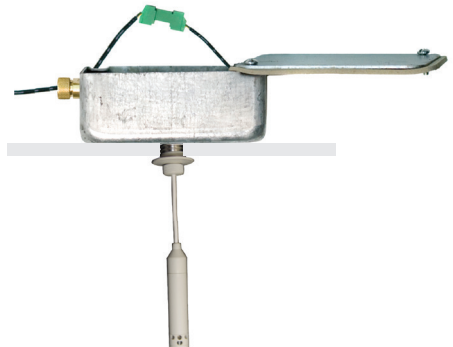


M55 JUNCTION BOX ASSEMBLY

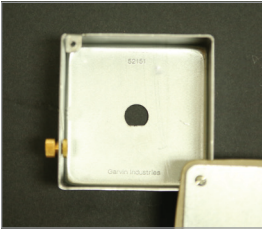
- Drill 5/8 inch hole in the ceiling tile.
- Open JBM55 box lid and place box on top of 5/8 inch hole in the ceiling tile. (See #1)
- Insert M55 threaded ceiling mount through ceiling tile and into the JBM55 box
- Securely tighten the knurled nut. (See #2)
- Insert plenum wire (Belden 9451P or 82761 or equivalent) through strain relief (See #3) and terminate to mating phoenix connector. (See #4 and #5)
- Tighten plenum cable strain relief and close lid of JBM55 box. (See #5)
- Loosen M55 knurled nut, adjust cable to approximate desired length, and tighten nut. (See #6)
- Tighten the plenum cable strain relief nut and arrange excess M55 wire in box and close lid. (see #7)
- Fine adjustments to microphone height can be made easily from below ceiling by loosening the M55 knurled nut, lengthening/shortening wire and retightening knurled nut. (See #8)



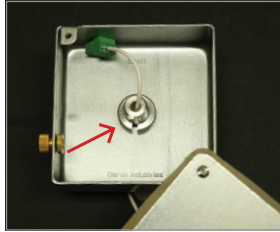
Bottom view of junction box



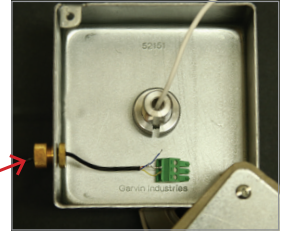
INSTALLATION AND WIRING INSTRUCTIONS



1. Open lid of JBM55 box and place on top of ceiling tile drilled hole.



2. Insert ceiling mount through ceiling tile hole, and into JBM55 box then tighten the knurled nut.

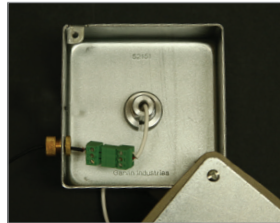


3. Insert plenum wire through strain relief nut, then connect to the Phoenix terminal.

Recommended cable:
Belden 9451P - .124" O.D. or
Belden 82761 - .116" O.D.



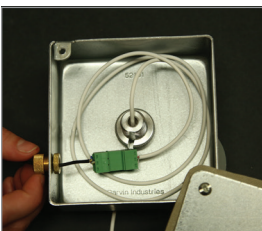
4. Wiring:
1 = Ground
2 = Blue (+)
3 = Yellow (-)



5. Connect Phoenix terminals.



6. Loosen M55 knurled nut (above), adjust cable to approximatedesiredlength, and tighten nut.



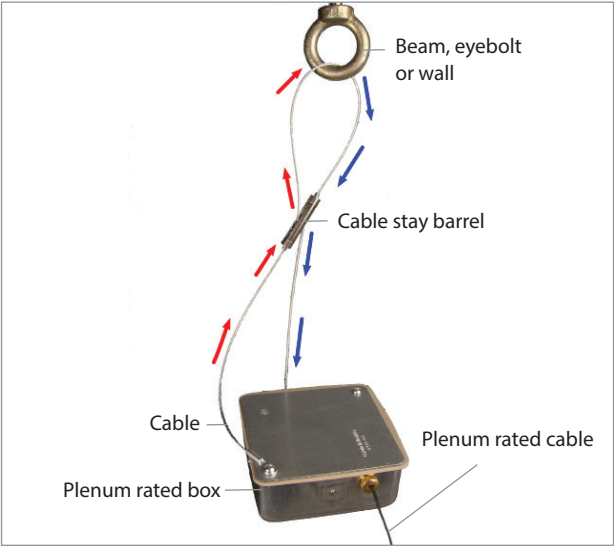
7. Tighten the strain relief nut. Arrange excess wire in box and close lid.



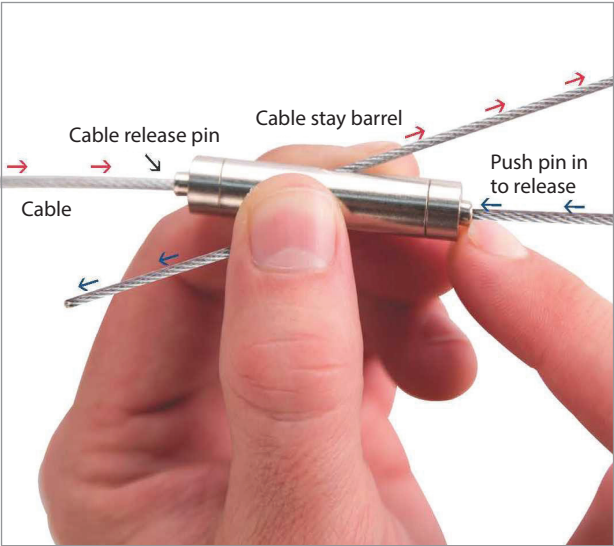
8. For final adjustment, loosen knurled nut, adjust cable length, and tighten nut.

SEISMIC RESTRAINT INSTRUCTIONS

Seismic Restraint Diagram



Wrap the cable through fastening point (beam, eyebolt).Next, slip the cable through the top of cable stay barrel pulling excess cable until taut.



To loosen or disassemble cable, depress the cable release pin and pull cable to desired length.