3110 REMOTE TWO-WAY SPEAKER WITH PTT SWITCH

DESCRIPTION

Communications using Amron's model 3110 Remote Two-Way Speaker are accomplished by using the Push-to-Talk (PTT) toggle switch and speaker, or by connecting a headset to the Neutrik style connector (4-pin) on the side of the box. Headset communication provides hands-free, full duplex communications and permits conversation without disturbing other chamber occupants. Amron's 2401-31R Deluxe Headset and 2460-31R Standard Headset come pre-configured with a Neutrik style 4-pin connector that works directly with the 3110 speaker and headset connector.

The PTT switch doubles as a call switch when using Amron's 3226 Chamber Communications Routing Panel (optional). Momentarily holding the switch activates a call indicator on the 3226 comm routing panel. The 3226 call indicator is both an audio alarm and a visual indicator that identifies the caller's location in the chamber.

Electrical wiring exits the box at the bottom through the 7-pin MS (military style) connector. Included with the 3110 speaker is separate MS connector that mates with the connector on the bottom of the 3110 speaker box. This separate MS connector (P/N MS-3106A-16S-1S) comes with a cable clamp (P/N MS-3057-8A) and strain relief bushing (P/N MS-3420-8) and provides for organized and easy chamber wiring.

The durable, die cast, zinc, powder coated 3110 speaker box is mounted using two flanges located on the left and right of the box using 1/4 in. screws.

OVERVIEW

Features:

- Two-way speaker with call switch provides chamber occupant to dive control comms.
- Push-to-Talk (PTT) toggle switch performs two functions:
  - Hold the switch to talk externally to the dive control operator.
  - Momentarily hold the switch to activate a call indicator on the Amron 3226 Chamber Communications Routing Panel (optional).
- Headset connection (Neutrik, 4-pin) for full duplex, private communication (headset optional).
- MS (military style) connector for electrical connections on the speaker box bottom.
- Speaker box MS connector mates with included MS connector, bushing and clamp.
- Mount the speaker box using two flanges located on box left and right (for 1/4 in. screws).
- Durable, die cast, zinc, epoxy powder coated enclosure finish.

Specifications:

- Speaker Impedance: 8 Ohm
- Speaker Power: 15 Watts
- Height: 5.5 in. (14.0 cm)
- Width: 5.5 in. (14.0 cm)
- Depth: 4.0 in. (10.2 cm)
- Weight: 5 lbs. (2.3 kg)
- Enclosure: Die Cast Zinc, Powder Coat



Includes:

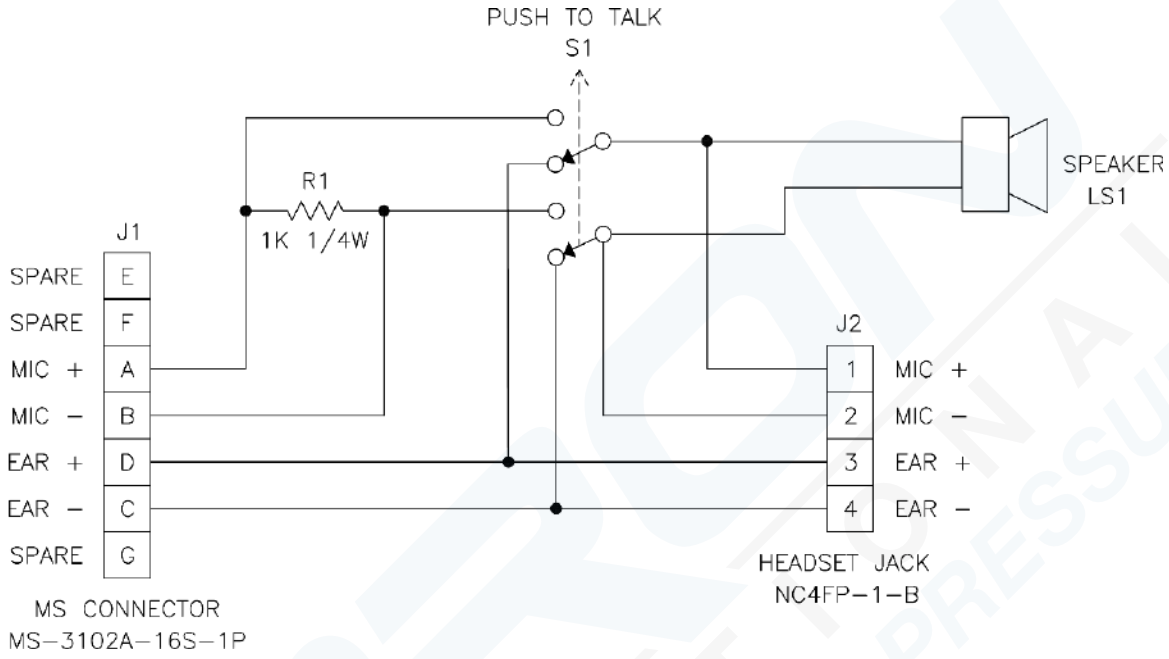
- 7-Pin MS (military style) Connector:
  P/N MS-3106A-16S-1S
- MS Connector Cable Clamp for 16S-1 Shell:
  P/N MS-3057-8A
- MS Connector Strain Relief Bushing for 16S-1 Shell:
  P/N MS-3420-8

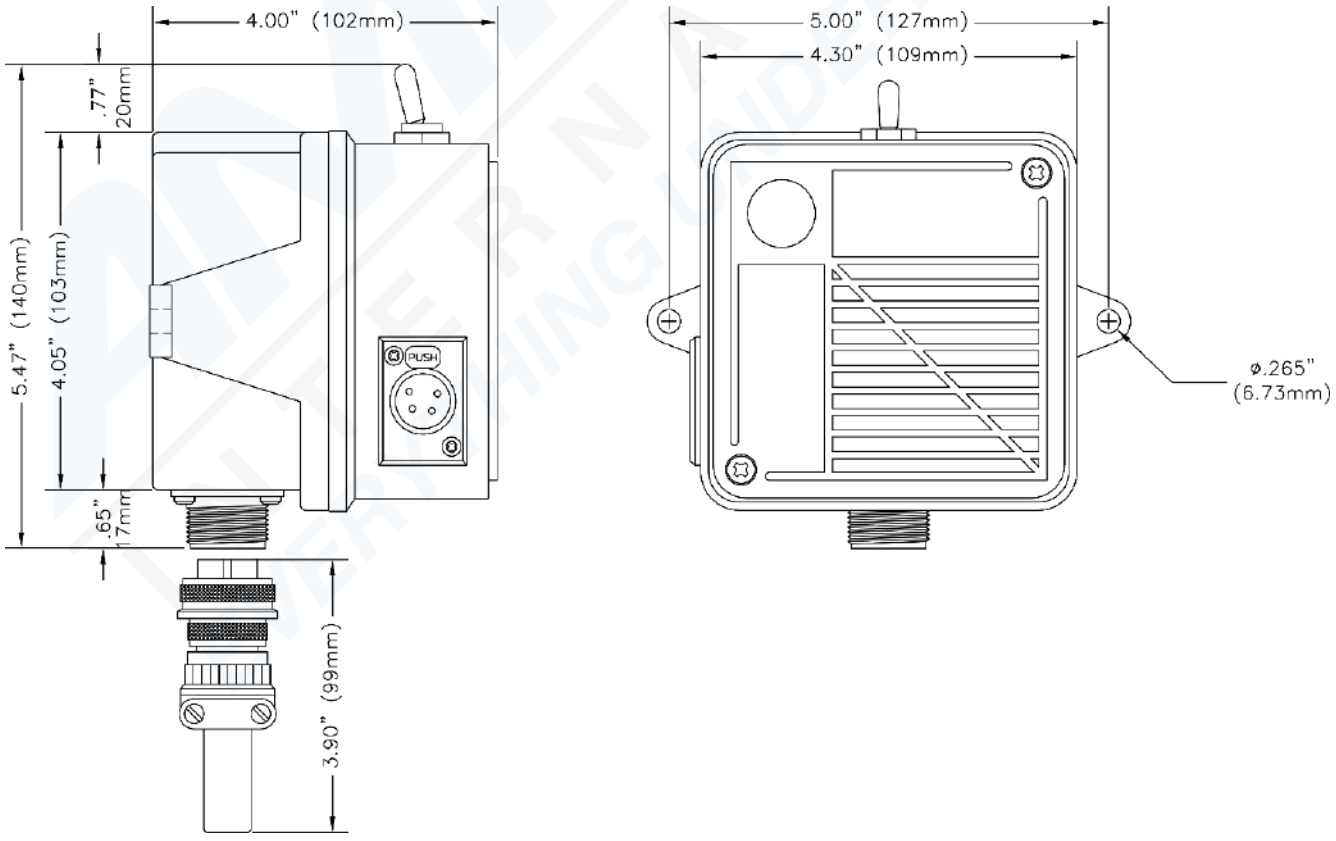
DISCLAIMER NOTICE: Amron's communications equipment is designed to be used in air chambers where oxygen concentrations remain below 23.5%. Our communications products (including communicators, speakers, entertainment systems, and other communications accessory items) are NOT designed for oxygen service, are not intrinsically safe, and do not meet the criteria given in NFPA-99, Chapter 20 and other applicable definitions. Use of our products in high-concentration Oxygen environments may result in serious injury and/or death.

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MOUNTING AND ELECTRICAL DIAGRAM





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