PTSH-104 Amplified Audio Speaker

Built tough. Easy to use.

Overview
General Dynamics’ rugged, high quality PTSH-104 Amplified Audio Speaker is built tough to withstand the most challenging environments. This versatile, off-the-shelf, powered speaker connects to most transceivers and Crypto devices with a standard 5- or 6-pin audio connector, so it can be operational almost instantly.

The PTSH-104 allows for quick connection to other communication systems, providing:

- Operation with virtually any 12-28 VDC power source, including standard MIL batteries
- Ability to be powered by the transceiver for use with a variety of applications
- Ruggedized chassis for tough environments
- Integrated handset connection with separate audio amplifier and volume control
## Technical Specifications

### Benefits/Features

#### Convenience
- Separate speaker/handset volume controls
- Automatic muting
- Handset connected to the PTSH-104 will key the radio

#### Clear Sound
- 2 Watt amplifier
- Nominal power consumption

#### Adaptable
- Connects to a variety of equipment
- Extension cables available up to 100 ft.

### Technical Specifications

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
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<tbody>
<tr>
<td><strong>Size:</strong></td>
<td>5 in. x 5 in. x 3.25 in. with 1 in. mounting bracket</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>3 lbs.</td>
</tr>
<tr>
<td><strong>Input voltage:</strong></td>
<td>12 VDC to 28 VDC</td>
</tr>
<tr>
<td><strong>Audio input:</strong></td>
<td>1.6 volts rms or 2.3 V pp</td>
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<tr>
<td><strong>Audio output:</strong></td>
<td>2 Watts speaker</td>
</tr>
<tr>
<td></td>
<td>1 Watt handset</td>
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<tr>
<td><strong>Audio band pass:</strong></td>
<td>300 Hz to 3000 Hz min.</td>
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</tbody>
</table>

### Typical Configuration

![Typical Configuration Diagram]

### URC Plain Text Audio/Power Cable

- TO PTSH-104 SPEAKER
- 4 ft
- MS3116J10-6S
- LSCA-103A
- P/N 30-P31016E002
- URC AUDIO POWER CABLE

### URC Audio/Power Extension Cable

- TO PTSH-104 SPEAKER
- CUSTOMER SPECIFIED
- MS3116J10-6S
- LSCA-110
- P/N 30-P31018E025
- URC AUDIO POWER EXTENSION CABLE

*Last 3 digits specify length in feet.
Available cable lengths are 25, 50, and 100 feet.