

# PTSH-104 Amplified Audio Speaker

*Built tough. But easy to use.*



The rugged, high quality PTSH-104 Amplified Audio Speaker is built General Dynamics-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 in a flash. Because it's as easy to install as it is to operate, you can be up and running in no time at all.

What's more, when you use the PTSH-104 with the handset connected, this flexible speaker is compatible with:

- General Dynamics LSSC 6000 and 7000A SATCOM Systems
- LST-5C (and earlier versions)
- LST-5D/R
- LST-5E
- KY-99
- KY-99A (via the handset connector)
- URC-200/500 (via the X-MODE or handset connector)

The PTSH-104 operates with virtually any 12-28 VDC power source, so it's good to go...wherever you go! In certain applications, it can even be powered by the transceiver. For the versatility you want and the ruggedness you need, the General Dynamics PTSH-104 is the speaker you've been looking for.

### Advantages

- Off-the-shelf delivery
- Easy to install and operate
- Adaptable to existing communications configurations
- Ruggedized chassis for tough environments
- Integrated handset connection with separate audio amplifier and volume control
- Operates with virtually any 12–28 VDC power source, including standard MIL batteries

**GENERAL DYNAMICS**  
C4 Systems

# PTSH-104 Amplified Audio Speaker

## Technical Specifications

### Benefits/Features

Why you should buy the PTSH-104 Amplified Audio Speaker:

#### Convenience

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

#### Clear Sound

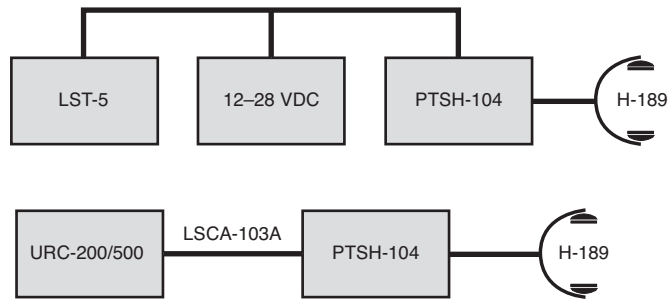
- 2 Watt amplifier
- Nominal power consumption

#### Adaptable

- Connects to a variety of equipment
- Extension cables available up to 1,000 ft.

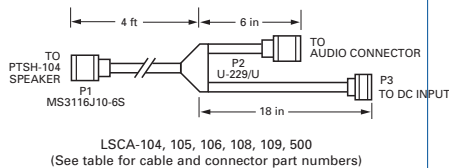
Size:	5 in. x 5 in. x 3.25 in. with 1 in. mounting bracket
Weight:	3 lbs.
Input voltage:	12 VDC to 28 VDC
Audio input:	1.6 volts rms or 2.3 V pp
Audio output:	2 Watts speaker 1 Watt handset
Audio band pass:	300 Hz to 3000 Hz min.

### Typical installations

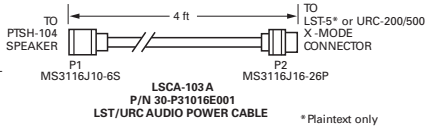


Nomenclature	Part Number	P3 Part Number	Connect To
LSCA-104	30-P31017E002	MS3116J10-6S	+24 VDC Source LSSC-100/500
LSCA-105	30-P31017E003	BIA-106AG	BB390/U, BB490/U, BB590/U, BB-690/U or BA-5590/U
LSCA-106	30-P31017E004	C60 CLIPS	CLIP Leads to a DC Power Source 12 to 28 VDC
LSCA-108	30-P31017E006	MS3116J8-2P	LSAD-150
LSCA-109	30-P31017E008	Terminal Lugs	DC Power Source
LSCA-500	30-P31017E007	PRC15-P2M	LSSC-5000

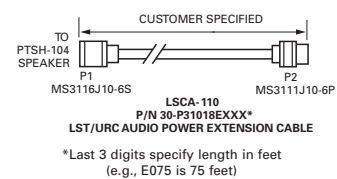
### LST-5 Audio/Power Cable



### LST/URC Plain Text Audio/Power Cable



### LST/URC Audio/Power Extension Cable



## GENERAL DYNAMICS

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