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One Transceiver Amplifie

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Speaker

ABP-HEAS-1

Part number: **ABP-HEAS-1**
NSN: **5965-01-534-9088**

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FEATURES APPLICATIONS SPECIFICATIONS OPTIONS & ACCESSORIES

Features

- 5 Watts of clear, crisp audio overcomes noisy environment and provides the user with consistent audio clarity at only 0.5% Total Harmonic Distortion (THD)!

- The speaker is automatically muted when the handset/headset is keyed.
- Handset/Headset is fully functional with or without DC power to the Amplified Speaker.
- Super high efficiency audio amplifier reduces the DC power consumption by up to 50%.
- Compatible with all standard military transceivers and encryption units that use standard H-250/U military handset or standard headset.
- Two Night Vision Goggle (NVG) compatible indicator lights indicate power ON and reception of received audio from a transceiver/encryption unit.
- Audio input: 1.6 VRMS nominal.
- Audio band pass: 300 Hz to 3,000 Hz minimum.
- Protected against DC power reverse polarity, voltage spike/voltage surge to 600V per MIL-STD1275, over-current, short circuit and over-temperature.
- EMI/RFI filtering. Shielded aluminum enclosure.
- Wide range of DC power input: 9 to 36 VDC to include 12VDC, 24VDC, 28VDC, standard military batteries, vehicle power, aircraft DC power, shipboard DC power, ABP power supplies and DC/DC converters. Alternate Power Source compatible.
- Water proof/sand proof/dust proof.
- Operating Temperature Range: -40°C to +70°C
- Size: 5.75″ H x 4.25″ W x 2.9″ D (71 cu. in.) Easily fits inside the user's Rucksack.
- Weight: 3.0 lbs.
- Adjustable mounting bracket.
- Commercial Off The Shelf (COTS).

Applications

- Monitor the received audio of Tactical Transceivers and Encryption units to include AN/PSC-5, AN/PSC-5D, MBMMR, AN/PRC-117, AN/PRC-117F, AN/PRC-119 SINCGARS, SINCGARS ASIP, AN/PRC-138, AN/PRC-148 MBITR & JEM, AN/PRC-150, AN/LST-5, AN/PRC-113, AN/URC-200, MST-20/HST-4, AN/CSZ-1 SUNBURST, KY-57/KY-99 and many others.
- Radio or audio monitoring in HMMWV, vehicular applications, portable/transportable communication cases, communication systems, fixed installations and command posts.
- Local or remote monitoring of Tactical Transceiver received audio up to 1,000 feet (remote radio key and transmit/receive audio).
- Command Post, TOC, shelter, vehicle, aircraft, shipboard, communication rack and Jerk-And-Run applications.

Specifications

WEIGHT	DIMENSIONS	RADIO QUANTITY	DC INPUT VOLTAGE (VDC)
3.0 lbs	4.25 × 5.75 in	1	9-36
INPUT VOLTAGE	**ENVIRONMENTAL**	**OPERATING TEMPERATURE**	**FREQUENCY BAND**
DC Input	Dust Proof, Sand Proof, Water Proof	-40°C to +70°C	HF, UHF SATCOM, VHF LOS
HANDSET/HEADSET QUANTITY	**TRANSCEIVER**		

AN/PRC-148, AN/PRC-150, AN/PRC-150C, AN/PRC-152, AN/PRC-154, AN/PRC-155, AN/PRC-158, AN/PRC-160, AN/PRC-163, AN/PSC-5, AN/PSC-5C/D, ASIP, JEM, LST-5, MBITR, MBMMR, MST-20, MXF-400, RF-335M-STC, RF-5800H-MP, RF-5800M-MP, RF-5800R-RC, RF-5800V-MP, RF-7800H-MP, RF-7800M-MP, RF-7800R-RC, RF-7800V-HH, RIFLEMAN, RT-1439, RT-1523, RT-1523E/F/G, TW-135, URC-200

Options & Accessories

- DC Power interface cables

- Use the Transceiver Audio Splitter™ ABP-TAS-1 to connect up to 6 speakers to 1 Transceiver/Encryption unit

RADIO SELECTION

Choose Radio | GO

ABP products are available on
GSA Contract No.: 47QSWA20D008R (SIN 335999)

Specifications are subject to change without notice.

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