

- Provides simultaneous amplification for both channels of the IMBITR family of radios (TH310/315, TH5310/5315)
- 20 W power output on both channels
- Maintains primary battery charge while radio is inserted in VAA



AN/VRC-132(V)1 IMBITR VAA

FOR THE AN/PRC-148 MULTIBAND INTER/INTRA TEAM 2-CHANNEL RADIOS





AN/VRC-132(V)1 IMBITR VAA

The AN/VRC-132(V)1 is a Vehicle Adapter Amplifier designed to extend the range of the 2-channel IMBITR handheld radio by providing 20 Watts amplification on both the narrowband SINCGARS/AM/FM channel and TSM™ wideband channel. This amplification is provided simultaneously making the AN/VRC-132(V)1 a true 2-channel radio system. The AN/VRC-132(V)1 is jointly developed by Thales and Ultralife.

TECHNICAL SPECIFICATIONS

KEY FEATURE

- Provides vehicle TSM™ waveform in a system capable of vehicular integration Software programmable/upgradeable
- Provides access to both channels of the AN/VRC-132(V)1 audio and allows for integration with Vehicle Intercom Systems
- Integrated ruggedized USB connections for data and control
- Optional adapter to connect via Ethernet for in-vehicle network connectivity
- Compatible with standard vehicular mounting trays and intercom systems
- Provides significant range extension for Narrowband and TSM™ waveforms

PHYSICAL PARAMETERS

- Height 3.5 inches (8.89 cm)
- Width 6.0 inches (15.24 cm)
- Depth 10.5 inches (26.67 cm)
- Weight 6.5 lb (2948 g)

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -30 to +55 C
- Storage Temperature: -30 to +71 C
- Immersion: 1 Meter Salt Water

FREQUENCY RANGE

- Narrowband Channel
 - 30-512MHz AM/FM/NB
- Wideband Channel (TSM)
 - 1750-2260 MHz
 - 1.2 – 20 Mhz channel bandwidth

POWER INPUT

- 20-32V DC power input

INTERFACES

- USB
- Ethernet connectivity
- Precise Position Service (Connectivity to SAASM GPS Devices)
- Vehicle Intercom System
- RS-232 Serial Data

COMPATIBLE ACCESSORIES

- 3501018-501 - VRC-92 Mounting Plate
- 3101203-503 – Standalone Mounting Plate
- 85570-002 – Dual Channel Audio Adapter
- SS-90017 – H-250 Audio Handset
- 3501018-501 – VRC-92 Power Cable
- 855040-012 – Standalone Power Cable
- 3500973-504 – Ethernet Adapter Cable



➤ Specifications are subject to change without notice.

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