

- 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.

#### Thales Defense & Security, Inc.

22605 Gateway Center Drive | Clarksburg, MD 20871  
 Toll-Free: +1.800.914.0303 | Phone: +1.240.864.7643 | Fax: +1.240.864.7920  
 E-mail: Solutions@thalesdsi.com | www.thalesdsi.com



2145:03092018:V2