

MBITR 20-Watt Vehicle Adapter **A-320VA**



Radio and A-320 amplifier
sold separately.

Features

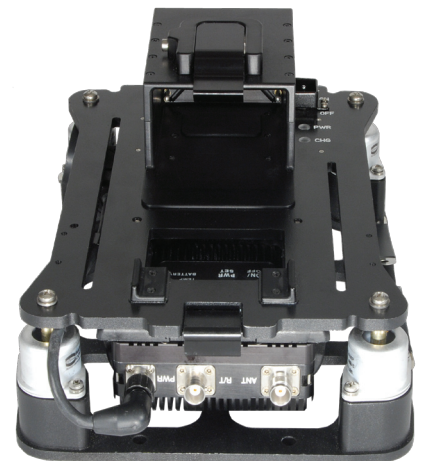
- Small form factor
- Integrated DC regulation
- Secures and charges MBITR without special adapters
- Accepts standard MBITR cables
- Easy installation
- Ideal for “jerk-and-run” applications
- The A-320 amplifier installed in adapter provides:
 - 20 watts of power across the entire 30-512 MHz range
 - SOTM capability
 - SINCGARS & HAVEQUICK ECCM capability
 - DAMA ready transition

Overview

The A-320VA MBITR vehicle adapter is a compact, lightweight solution allowing for easy vehicle integration with the popular A-320 20-watt amplifier. This rugged shock tray, weighing less than five pounds, also includes a charging pocket for the AN/PRC-152 MBITR radio. Communications continuity is enhanced as the design allows for the radio to be used while in charging mode. The A-320 supports Demand Assigned Multiple Access (DAMA) and other JTRS waveforms. A number of optional components are also available such as RF interconnecting cables, high-power 20-watt capable 30-90 MHz blade antenna and high-power 20-watt capable 90-512 MHz broadband antenna.

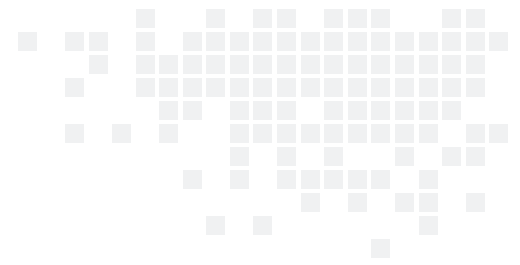
Applications

The A-320VA MBITR vehicle adapter is designed for multiple platforms: vehicle, aerial, ATVs or any other platform where space is a factor or essential. The adapter allows for the user to benefit from all the many advantages of the A-320 amplifier.



MBITR 20-Watt Vehicle Adapter

A-320VA



Technical Specifications:

Part No.	A-320VA
Size (H x W x D - inches)	4.8 x 7.5 x 9.5
Weight	<4.5 lbs.
DC Input	11-36 VDC

Protection:

Over Current	•
Over Voltage	•
Reverse Polarity	•
Operating Temperature	-40° to +60° C

Includes:

Integrated charging pocket for
MBITR radio

DC Power Cabling

A-320 DC Power Cable

Optional:

20-watt, 30-512 MHz A-320 amplifier

20-watt capable 90-512 MHz
broadband antenna

20-watt capable 30-90 MHz
blade antenna

RF Interconnecting Cables

Indicators:

Power ON/OFF Switch •

Power On/
Fault Indicator LED •

Charge LED •