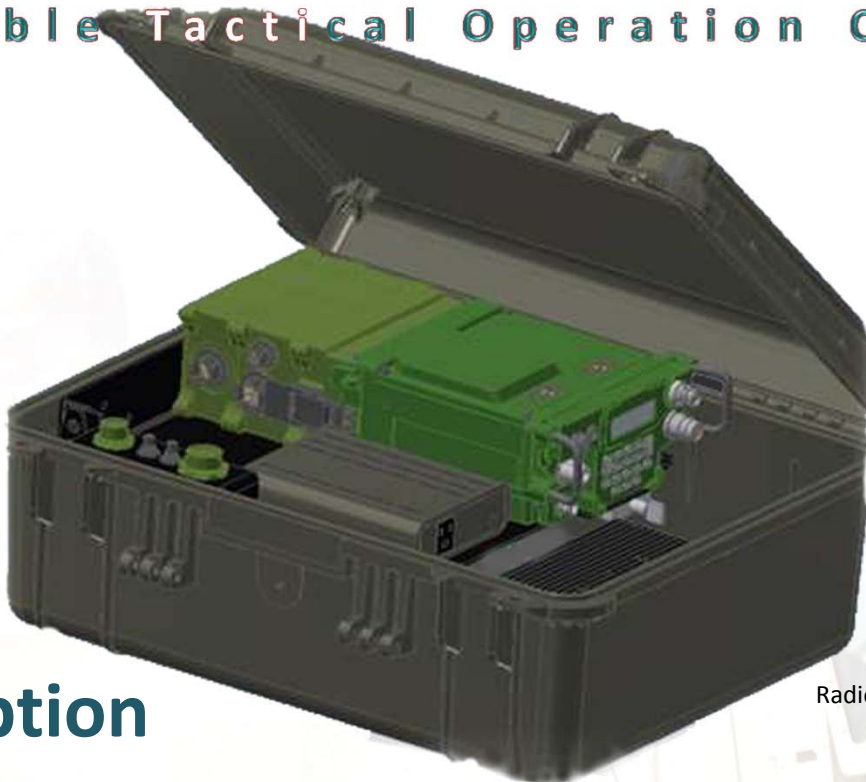




A veteran owned, veteran run company

TRI-PTOC-2G-50MB

Portable Tactical Operation Case REV B



Description

Radio sold separately or G.F.E.

The TRI-PTOC-2G-50MB is a integrated, self-contained power/voice/data case for the **AN/PRC-117G**, RF-7800H-MP or RF-7800M-MP transceiver for application in Tactical Command Post, shelter, HMMWV, military & civilian vehicles, aircraft, shipboard and portable applications.

System Includes: • (1) 50 Watt Multi-Band power amplification (DAMA certified) • (1) Uninterruptible Power Supply • (1) Rechargeable Battery Pack • (1) High Efficiency Amplified Speaker • Cables (AC, DC, Audio).

The transceiver is securely mounted on a Jerk-And-Run mount. Transceiver operation from rechargeable backup battery (included) during AC or DC power failure. No tools are needed.

Separate AC and DC cables. Auxiliary 26VDC/1A output to power amplified speaker and encryption equipment. Storage space for Speaker, cables and G.F.E. Transceiver, Laptop Computer, Handset, Antennas. Space age robust composite case with quick lock latches and internal gasket is water/air tight and sand/dust-proof. EMI/RFI protection. Designed to meet MIL-STD 1275, 461, 462, 810 and TEMPEST. 3 Night Vision Goggles (NVG) compatible indicator lights: AC, DC, fully charged battery. Fully automatic. No user intervention or setup is required! No switches to push or turn.

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This information complies with ITAR requirements as "basic marketing information of defense articles" or as "advertising printed material" per the EAR.

Specifications are subject to change without notice.



Designed, engineered and manufactured in the United States

www.trilliumrsch.com

Specifications

Items Included	Each unit includes, One(1EA) 50 Watts Multi-Band power amplification(DAMA certified), Uninterruptible Power System, Uninterruptible Power Supply, one Rechargeable Battery Pack, one High Efficient Amplified Speaker, Cables (AC, DC, Audio) and one manual.	EMI/RFI protection	Designed to meet MIL-STD 1275, 461, 462, 810 and TEMPEST
		Inverter	DC to AC 250 watt power inverter. Meets the requirements of AFI 11-202V3 for operation during all phases of flight on all rotary wing and all fixed wing US Air Force aircraft.
AC Input Voltage	85-270 VAC, 47-440 Hz single phase. AC power in all foreign countries, AC aircraft power, AC generator and DC to AC Inverters. Not limited to 95VAC	Indicator lights	3 Night Vision Goggles (NVG) compatible indicator lights: AC, DC, fully charged battery
DC Input Voltage	9-36VDC aircraft power, HMMWV and DC generators. Not limited to 11VDC (including aircraft power)	IAS™ UPS	Instantaneous automatic switch-over to the rechargeable backup battery during AC or DC power failure
DC Supply	26.5 @ 5.5 Amps (7 Amps peak)	Operation	Fully operational with or without the battery
Output Protection	Continuous short circuit over-voltage, over temperature protection auto reset	Operator safety	Feature prevents the use of incompatible battery
Radio UPS Backup	Instant on switching, IAS™, instantaneous switchover from AC to DC.	Cable Safety	Separate AC and DC cables for user safety
Operating Temp	-40°C to 71°C	Weight	40 lbs (with battery and cables).
Battery charging	Automatic battery charging while operating/or not the transceiver from AC or DC power source	Set Up	Fully automatic. No user intervention or setup is required! No switches to push or turn.
Battery Life (Battery included)	<u>60% STDBY/30% RX/ 10% TX</u> <u>SINGARS, CT, 5W 7.5HRS</u> <u>HAVEQUICK II, 10W 6 HRS</u> <u>SATCOM 181B, 20W 7.5HRS</u> <u>ANW2 5W 5Hrs</u> Fully operational with or without the battery	Case	Durable composite case with quick lock latches and internal gasket is water/air tight and sand/dust-proof.
		UN 38.3 TRANSPORT	Battery is independently tested and certified to UN38.3 Transportation Requirements.
Speaker	5 Watts High Efficient Amplified Speaker with Automatic Level Control (ALC)	Storage space	Space for Speaker, cables and G.F.E. Transceiver, Laptop Computer, Handset, Antennas
Compatibility	AN-PRC-117G, RF-7800M-MP or RF-7800H-MP	Size	20.6"L x 16.8"W x 8.1"H
Aux Output	26VDC/1A output to power amplified speaker and encryption equipment.	Warranty	3 Year warranty

