

TRI-PTOC-4G

Portable Communications Cases



Compatible With:

- AN/PRC-117G
- RF-7800H-MP
- RF-7800M-MP
- RF-7800-RC
- AN/PRC-158



Description

The TRI-PTOC-4G provides support for four transceivers and includes four TRI-ATPS-1 power supplies to provide worldwide AC or DC power. The integrated quick locking shelving provides true jerk and run capability and this system can be up and running within minutes of hitting the ground.

This portable TOC kit includes auxiliary power of 26VDC/ 1 amp output to the included amplified speakers. The ruggedized transport case includes an internal gasket which protects the equipment from rain, dust and dirt. This fully automatic system requires no user intervention.

Designed to meet MIL STD 1275, MIL STD 461F, MIL STD 462, MIL STD 810 and TEMPEST. Night vision compatible LEDs.

Quick Specs

AC Input	85-270VAC	Size	22.1"L x 17.9"W x 10.4"H
DC Input	9-36VDC	Amplifier	None
DC Supply	26.5 @5.5amps	Transceiver	PRC 117G series
Battery	Li Ion	Weight	46lbs w/o radio
Battery Power	113 watts	EMI/RFI	Meets MIL STD 461F

Includes

- 4 x TRI-ATPS-1 power supply / battery eliminators
- 4 x Li Ion rechargeable battery packs
- 4 x Ruggedized speakers
- 1 x Ruggedized carrying case
- AC Input, DC input and Auxiliary (speaker) cables
- 1 x Operators Manual



Specifications

Includes	Each system includes 4 TRI-ATPS-1 power supplies, AC, DC and auxiliary cabling. Four ruggedized speakers, four Li Ion battery packs, one ruggedized transport case. Optional 50 watt multi-band amplifiers.	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	Night Vision Goggles (NVG) compatible indicator lights: includes 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	45lbs without transceivers												
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)	<table border="1" data-bbox="254 1159 688 1300"> <tr> <td>SINCGARS</td> <td>5W</td> <td>7.5HRS</td> </tr> <tr> <td>HAVEQUICK II</td> <td>10W</td> <td>6HRS</td> </tr> <tr> <td>SATCOM 181B</td> <td>20W</td> <td>7.5HRS</td> </tr> <tr> <td>ANW2</td> <td>5W</td> <td>5HRS</td> </tr> </table> <p>Assumes 60% STDBY / 30% RX / 10% TX</p>	SINCGARS	5W	7.5HRS	HAVEQUICK II	10W	6HRS	SATCOM 181B	20W	7.5HRS	ANW2	5W	5HRS	Case	Durable composite case with quick lock latches and internal gasket is water/air tight and sand/dust-proof.
		SINCGARS	5W	7.5HRS											
HAVEQUICK II	10W	6HRS													
SATCOM 181B	20W	7.5HRS													
ANW2	5W	5HRS													
		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 transceiver, laptop computer, handset, antennas												
Compatibility	AN-PRC-117G, RF-7800M-MP or RF-7800H-MP	Size	22.1"L x 17.9"W x 10.4"H												
Aux Output	26VDC/1A output to power amplified speaker and encryption equipment.	Warranty	2 Year warranty												

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Designed, engineered and manufactured in the United States

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