



RADIO DATA ADAPTER (RDA) CABLES

A lightweight, low power, intelligent cable for tactical radios

The Parraid multi-function RDA cable is designed to simplify radio operations by allowing a computer to perform up to six different radio interface tasks using a single USB connection. The RDA is powered from the computer's USB port and presents as a multi-port serial adapter. This function simultaneously enables three data ports and up to six operational modes: asynchronous data, synchronous data, asynchronous remote control, Ethernet over USB, PDA-184 and High Performance Waveform/Point-to-Point Protocol (HPW/PPP). The RDA cable solves the problem of physically having to change cables to perform different data functions, decreases equipment weight, eliminates the need to purchase multiple OEM cables and has been combat proven to work in even the harshest operating environments.

BENEFITS

- ▶ Replaces several single function cables
- ▶ Supports a broad range of radios
- ▶ Provides significant cost benefit
- ▶ Weighs less than 1lb with a streamlined design
- ▶ Low power consumption
- ▶ Connects to a PC via latching USB connector

USES

- ▶ Send data over tactical radios
- ▶ Performs 6 operational modes
- ▶ Asynchronous data
- ▶ Synchronous data
- ▶ Asynchronous remote control
- ▶ Ethernet over USB
- ▶ PDA-184
- ▶ High Performance Waveform/Point-to-Point Protocol (HPW/PPP)
- ▶ Nett Warrior and Glenair connections optional



RE-RDA-PF Rev 02

Rugged Enhancements FOR RADIOS & COMPUTERS

RADIOS SUPPORTED

Each RDA Cable is designed to operate with a specific radio model. We make RDA cables for the following radios:

- ▶ AN/PRC-117G
- ▶ AN/PRC-117F
- ▶ AN/PRC-150
- ▶ AN/PRC-152/152A
- ▶ AN/ARC-231
- ▶ AN/PSC-5D
- ▶ AN/ARC-210
- ▶ AN/PRC-148
- ▶ SINCGARS
- ▶ Motorola/Kenwood



INTEROPERABILITY DATA ACCESS & INTEROPERABLE RADIO PROGRAMMING



One Cable
Performs six operational modes

Aynchronous data
Synchronous data
Asynchronous remote
Ethernet over USB
PDA-184

**High Performance Waveform/
Point-to-Point Protocol (HPW/PPP)**



Please contact Parraid for customized solutions such as vehicle or aircraft mountable cases, longer cable lengths, and alternative operating systems.



DESIGN | BUILD | SUPPORT

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