

UTS-CBP

VHF/UHF PORTABLE CANVAS BACKPACK COMMUNICATION SYSTEM



DESCRIPTION

The UTS-CBP Portable canvas backpack is a portable VHF/UHF radio communication system, suitable for deployment in a wide variety of applications such as military operations, field projects, mineral exploration, search and rescue operation, conservation and wildlife, forestry management and remote area site survey operation. The UTS-CBP incorporates a conventional two ways mobile transceiver built by Original Equipment Manufacturer.

The UTS-CBP portable canvas backpack communication system is designed in a compact, versatile format. It is simple to use and fully self-contained, and consists of its own rechargeable battery. The backpack is made of heavy duty water resistant canvas material. With fully padded and steel support stakes reinforced compartment to house the conventional OEM two ways transceiver and its accessories. Its dimensions are approximately 500H x 250W x 150D. The total weight of complete package inclusive of OEM two ways mobile transceiver, magnetic mount antenna, rechargeable battery pack and full accessories is approximately 7.5Kg.



KEY FEATURES

The UTS-CBP can be easily converted for Manpack or Vehicle operation with the addition of easily adaptable accessories.



The Manpack package is ideally suited to applications where communication is required for long period of time. The rechargeable maintenance-free battery provided with this package has a 7AH capacity. This battery will provide on average around 10 hours of operation with the OEM mobile transceiver preset with 10 watt RF power output. (based on a standard duty cycle of 5-5-90 : 5 minute transmit, 5 minute receive and 90 minute standby.)

The Vehicle package is simple to deploy, with the magnetic base broadband whip antenna mounted to the automobile roof top, and the 12ft low loss cable to the quick connect/disconnect antenna socket, it will enable communication while in a moving vehicle.

The UTS-CBP canvas backpack comes with a smart intelligence battery rechargeable system. This charger is compatible with modern automobiles cigarette lighter adapter to provide 12V DC supply to the OEM two ways mobile transceiver, and at the same time also provides charging current to the battery. A Tri-Colour LED monitoring circuit is provided for monitoring the battery level and charging conditions.

Recharging can also be carried out using AC mains power adapter operating from 100V-240V 50/60Hz outlet, providing power to OEM two ways mobile transceiver and charging current to the rechargeable battery.

Specifications are subject to change without notice.



UTS RADIO PRODUCTS

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