

# Rapid Deployment Systems

## COMSTRBO-RDS™-B/M-V2



### Multi Applications Mobility

The COMSTRBO-RDS™-B/M-V2 is the most compact powerful integrated systems in a carry-on unit. It can easily and conveniently hand carried from place to place. Self-contained: one battery supporting continuous duty transmission for more than 1H, one power supply auto switch 110/220VAC, one regulated charger 30Amp. can also be used in addition with car batteries or with an external solar energy systems.

### Key Benefits

- Fully functional transportable as a Base, Mobile &/or Repeater.
- Ideal for emergency or critical situation.
- DIY assembly your own radio.
- Mode uni/bi-directional or cross-band repeater
- Use your base as repeater with X10DR (remote speaker/microphone)
- Immediate Deployment
- Wide range of options and accessories.

# Rapid Deployment Systems (multi-mode)

## COMSTRBO™-RDS-B/M

- Used as a base station and remote speaker microphone(X10DR) option see application
- Immediate deployment (all included)
- Used in High Power.
- Full interoperability with other manufacturers' radios complying with DMR & PMR.
- GPS for transportable mode in option.

## COMSTRBO™-RDS-B/M-V2

- Used as a Base, Transportable, & Repeater.
- Repeater mode Uni or Bi-directional, or Cross-Band.
- Small dimension internal duplex filter.
- All options can be include from above B/M

## MOTOTRBO™ an easy family

- Mototrbo™ model to be used :  
XPR4300/XPR4350/XPR4550/XPR 5350/XPR  
5380/XPR 5550/XPR 5580/XPR 2500  
/DEM300/400/500/DGM8500/5000/4100/6100/  
DM4400/DM4401/DM4600/DM4601/DM2600/ OR  
DM3000 series

## MAJOR ACCESSORIES

- Transportable Tactical Telescopic mast (3TM)
- Wireless Speaker /Microphone (X10DR)
- Magnetic Antennas (specify VHF or UHF )
- Interlink HF (Micom Z-RDP-Carry On)
- Interlink Mesh Telegrid
- Dipoles antennas wide band.
- Bracket for 3TM
- Coaxial Cable w/low loss & connectors
- Telescopic Mast w/witch

Ask for new accessories and options  
[solutions@comsystems.com](mailto:solutions@comsystems.com)

## Specifications:

Model : COMSTRBO™RDS-B/M-V2  
Frequency Range: 136-174 Mhz/ 403-470Mhz  
Operating Voltage: AC 110–220 V 47–65 Hz  
DC 13.6VDC +20%

### ➤ Receiver:

Channel Spacing: 12.5 kHz / 20 kHz / 25 kHz  
Frequency Stability: ± 0.5 ppm @ (-30°C, +60°C +25°C)  
Analogue Sensitivity: 0.3uV  
Digital Sensitivity: 5% BER : 0.3uV  
Rated Audio : 3 W (Internal)  
Hum and Noise : -40 dB @ 12.5 kHz/-45 dB @ 25 kHz

### ➤ Transmitter:

Channel Spacing: 12.5 kHz / 20 kHz / 25 kHz  
Low Power Output : 1- 25W  
High Power Output : 25-45 W  
Modulation Limiting : ± 2.5 kHz @ 12.5 kHz/± 5.0 kHz @ 25 kHz  
FM Modulation : 12.5 kHz: 11K0F3E / 25 kHz: 16K0F3E  
4FSK Digital Modulation : Combination of 12.5 kHz :  
7K60F1W  
Digital Protocol : ETSI TS 102 361-1, -2, -3

### ➤ Carry-On Case:

Constructed of injection-molded lightweight HPX high-performance resin, it resists impacts even at low temperatures.  
Operating temperature range: -30° C / +60° C/ -22F to +140F  
Dust and Water Intrusion: IP54, MIL-STD  
Exterior Dimensions: (L x W x H) 19.20"x 15.20"x 9.00"  
48.76 x 38.60 x 22.86 cm  
Certificates ATA Spec 300,FED-TD -101 C ;MIL-STD-810 F  
Internal Battery: Sealed LeadAcid, 12v, 12Ah, Spill proof  
ABS case AGM & rechargeable.  
Above Panel inc.Std: Switch on/off AC & DC Battery,Handle.  
Lower Panel inc.Std: Battery,Regule Charger,Power Supply,  
Connectors Panel inc.Std: 2 x N Fem, 2 x Plug in AC, DC  
Cable Power :1 cable for AC,1 cable DC w/crocodile Batt.

