

3700

MISSION CRITICAL DESKTOP RADIO

APC025/DMR

WIFI

BLUETOOTH

USB 2.0 AND RS232

HARDWARE OR SOFTWARE ENCRYPTION OPTIONS





3700

MISSION CRITICAL DESKTOP RADIO

Technical Specifications:

- Frequency Range : 136-174 MHz (VHF)
380-470 MHz (UHF)
- Operating Voltage : 13.6 Vdc \pm 20
- Current Standby : \leq 0.5 A
- Current Receive : \leq 1.2 A
- Current Transmit : \leq 9.0 A (40W VHF / 30W UHF)
- Dimensions (HxWxD) : 50.5x178x156 mm
- Weight : 1.65 kg

Applicable Standards:

- CE (2014/53/EU directive)
- EMC (2014/30/EU directive)
- LVD (2014/35/EU directive)
- WEEE (2012/19/EU directive)
- ROHS (2011/65/EU directive)
- MIL-STD 810

Transmitter Specification:

- FM Hum and Noise Ratio : \geq 55/50 dB (25/12.5 kHz)
- Audio Distortion : \leq 2%
- Output Power : 10-40 W VHF
10-30 W UHF

Receiver Specification:

- Undesired Receiving Suppression : \geq 80 dB
- Receiver Audio Distortion : \leq 5%, 10 W/8 ohm
 \leq 5%, 15 W/4 ohm
- Reference Sensitivity : \leq -119 dBm (12 dB SINAD/5% BER)

Environmental:

- Operating Temperature : -30°C to +60°C
- Storage Temperature : -40°C to +85°C
- Humidity : 90%, +50°C
- Dust and Water Resistance : IEC 60529-IP54,

Interfaces and Controllers:

- Display : 2.9" TFT LCD, 320x120 pixel, 65k colors
- Keypad : 6 software keys, 2 programmable function keys,
12 alphanumerical keys, emergency keys