



## Remote Control Speakermic with Display



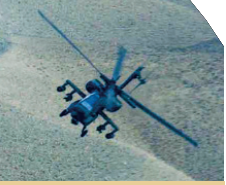
- Powered by AN/PRC-154 Rifleman or auxiliary radio
- Extremely low power consumption
- Audio mixing (2 radio configuration)
- Fully immersible to 2 meters
- Quick disconnect immersible connectors
- High output speaker (>90 dB SPL)
- Integrated keypad with backlight
- Field upgradable firmware
- Adjustable clothing clip w/360° rotation

**Providing Access to the Advanced Features of the AN/PRC-154 Rifleman Radio**



# Remote Control Speakermic with Display

## MA6798



The Remote Control Speakermic with Display (RCSD) is a rugged peripheral designed specifically for use with the AN/PRC-154 Rifleman Radio. The RCSD integrated speaker is loud enough to overcome background noise when operating in noisy environments, and its Liquid Crystal Display (LCD) provides immediate access to Rifleman Soldier Radio Waveform network status, selected preset channel, current volume level, and battery charge level. The versatile auxiliary connector may be combined with accessory cables for:

- Interfacing the AN/PRC-154 Rifleman radio with a Smart Phone, Digital Camera, PLGR/DAGR, Laptop PC, PDA, or similar devices that use USB and/or RS-232 serial interfaces.
- Supporting a second radio. In this configuration, the RCSD simultaneously mixes the audio from both radios to ensure no loss of communications.
- Simultaneous use with an external hearing-protection/noise-reduction headset.

The RCSD is fully ruggedized for use in harsh military environments, qualified to meet MIL-STD-810 environmental requirements and MIL-STD-461 EMC requirements. The keypad is large enough to operate the radio with gloves. Backlight OFF and MUTE functions are provided for covert operations. RCSD cables may be quickly disconnected for easy replacement and are fully immersible whether attached or detached from the RCSD. The extremely low power consumption of the RCSD has little effect on the radio battery life. When operating with two radios, the RCSD may be powered by either radio.

### GENERAL SPECIFICATIONS

#### Displays

- Battery charge status
- SRW network status
- Preset selected
- Volume level
- Keypad lock status
- Built In Self Test (BIST) status

#### Interfaces

- Via AN/PRC-154 Rifleman side connector cable
  - 36" ruggedized, shielded cable
  - Audio signals
  - Serial radio control interface
  - USB pass through
  - PLGR/DAGR pass through

- Via Auxiliary Connector
  - A second radio (e.g., AN/PRC-148)
  - An external headset (e.g., Peltor ACH)
  - PLGR/DAGR
  - Laptop PC
  - Adapter cables are required for each of the above

#### Controls

- Keypad suitable for gloved use
- Talk Group/Aux Radio select (supports up to 3 talk groups)
- PTT (selected talk group or aux radio)
- Rotary top volume control
- Preset select
- Radio status
- Keypad and LCD backlight On/Off
- ALT-Keypad LOCK
- ALT-Speaker MUTE (for covert ops)

#### Physical Specifications

- Dimensions: 3.3"W x 3.6"H x 1.2"D
- Weight: 9.7 ounces

#### Ruggedized to MIL-STD-810F Environmental Requirements

- Operational and storage temperature
- Humidity
- Vibration
- Shock—transit drop
- Altitude—operational, storage, and decompression
- Immersion
- Salt Fog
- Rainfall
- Solar radiation
- Sand and dust
- Explosive atmosphere
- Fungus

#### MIL-STD-461E EMC

- RE101—Radiated Emissions, Magnetic Field
- RE102—Radiated Emissions, Electric Field
- CS114—Conducted Susceptibility for Bulk Cable Injection
- ESD

- Non-U.S. Government sales are subject to U.S. Government approval.
- Specifications are subject to change without notice.



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