



Remote Control Unit with GPS

For the AN/PRC-148 Multiband Inter/Intra Team Radios



- Full Remote Control Capability for the AN/PRC-148 Handheld Radio
- Replicates All Radio Menu Features— No Additional Training Required
- Embedded Commercial GPS Receiver with Integrated GPS Antenna
- Augments Situational Awareness
- Augments Blue Force Tracking
- Conserves Power to Maintain Operational Mission Life of the Radio
- Eliminates the Need to Remove the Radio from the Back, Waist, or Ruck Sack to Change Operational Configuration

Supports All Configurations of the AN/PRC-148 Radio, including MBITR and JTRS Enhanced MBITR (JEM)



Remote Control Unit with GPS

For the AN/PRC-148 Multiband Inter/Intra Team Radios

MA 6795



The Remote Control Unit with GPS is an active extension of the front panel controls of the AN/PRC-148 radio. The keypad operation and menu structure of the Remote Control Unit with GPS replicate the front panel of the radio, increasing ease of use. Volume and channel control are provided by the use of knobs. As with the radio, the front panel display provides access to all of the radio menus. GPS position information is sent automatically to the radio via the rugged interconnect cable attached to the radio's side connector. The Remote Control Unit with GPS is powered from the radio through the side connector, thereby eliminating the need to carry additional batteries.

The Remote Control Unit with GPS is intended as a body-mounted device and is designed such that it is easy to hold and operate even with extreme conditions apparel such as cold weather gloves. Attaching the Remote Control Unit on the shoulder mounted webgear provides superior reception of the GPS signal compared to embedded solutions. The radio can be carried in non-obstructive locations, such as in a backpack, while full control of the radio is maintained. The versatile Remote Control Unit with GPS mounting features allow for various configurations to support different field deployments. **Facilitates the introduction of Force Tracking capabilities to the radio, key to network-centric operations.**

TECHNICAL SPECIFICATIONS

Full Remote Control Capability

- Human Machine Interface
 - 16-position channel knob
 - 6-position volume knob
 - NVG compatible LCD
 - Integrated 7-button keypad (mimics radio)
 - LED backlight control
 - Keypad lock feature
- Replicates all radio menu features (Menu, Mode, Group, Scan, etc.); no additional training required
- Displays all LCD messages from the radio

Powered from radio

- Exceeds 8-hour mission life

Embedded Commercial GPS receiver

- Situational Awareness Mode capabilities
- Enables Blue Force Tracking capabilities
- Integrated GPS antenna (no separate connections)

Mechanical Design

- Meets all of the environmental requirements of 2-meter (Urban) AN/PRC-148

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

Finish

- Foliage Green

Physical Parameters

- Length: 4.6 inches (11.68 cm)
- Width: 2.4 inches (6.10 cm)
- Depth: 1.25 inches (3.18 cm)
- Weight: 4.33 ounces (122.75 gm)
- Ergonomic design to fit in your hand and provide easy access to keypad and knobs

Cable Design

- Break away connector design to prevent snagging
- Rugged 4-foot long cable
- Radio battery can be removed while the cable is attached

Holster Design

- Mounts unit face-in or face-out
- Accommodates multiple mounting systems including MOLLE
- Includes large and small utility clips

Nomenclature and Part Numbers

- Remote Control System: MA6795
- Remote Control Unit: 4101890-501
- Cable: 3500733-501
- Holster Assembly: 4101875-501



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