associated industries

TA-312A/PT
Field Telephone Set



TA-312A/PT
FIELD TELEPHONE SET

- MANUFACTURED TO U.S. MILITARY STANDARDS
- 3 OPERATIONAL MODES
- RUGGEDIZED – WATERPROOF
- CONTROLS REMOTELY OPERATED RADIO LINKS
- SOUND POWERED FOR EMERGENCY OPERATION
- BUILT IN H-60/PT HANDSET
- RECEPTACLE FOR OPTIONAL HEADSET-MICROPHONE

OPERATIONAL SERVICE:

- Two wire battery Field Telephone Set, used as a point to point voice frequency (VF) wire communication link or in any two wire ringdown subscriber position of a telephone communications system
- 3 Modes of Operation: Local Battery (LB) and Common Battery (CB) Manual Telephone or as LB Telephone with CB signaling (CBS).
- Optional Tone Signaling Adapter (TA-955/PT) available, to enable interfacing the TA-312A/PT with automatic switchboards, such as the SB-3614 Tactical Switching Center, The Tone Signaling Adapter readily attaches to the TA-312A/PT, with no modifications required to the telephone. Width: 10cm (4.0”)

FEATURES:

- Manufactured to Requirements of U.S. Military Specifications, including MIL-STD – 454
- Utilized for all Weather Field Communications or as Desk/Wall Mounted Telephone in Fixed or Mobile Shelters
- Service Lines Protected from Moisture and Dust
- Special Circuits Reduce or Clip High Voltage Line Surges
- Sidetone Balance Maintained over Wide Range of Voice Frequencies and Battery Voltages
- Optional Off-Hook Security Lamp
- Telephone Set Available with Optional Canvas Carrying Case and Shoulder Strap
- Signal Buzzer Volume Control

TECHNICAL DATA:

Voice Frequency Range	300 to 3200 Hz
Hand Generator Ringdown Signal	20 Hz: 90 to 100 Volts
Input/Output Impedance	600 Ohms
Power Requirements	(LB) Two Volt Batteries (CB) 48V DC Source
Operating Temperatures	-40°F (to + 50°F)
Transmission Ranges	Field Wire, WD-1/TT – 35 Km (22 miles)
	Lead Covered Cable (19 Gauge), -48 Km (30 miles)
	Open Wire Line (W-2 #14 AWG copper), 837 Km (230 miles)
	Open Wire Line (W-74 #12 AWG copper), 837 Km (520 miles)
Weight	4.7 Kg (9 lbs.) with Optional Carrying Case and Local Batteries Installed
Dimensions (approx.)	Height: 27 cm (10.5”), Depth: 9.5cm (3.8”)

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