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**SB-22A/PT
Field Telephone Switchboard**



**SB-22A/PT
FIELD TELEPHONE SWITCHBOARD**

DESCRIPTION:

The SB-22A/PT manual switchboard is a portable local battery communications switchboard, readily adaptable for all weather field use or mobile and fixed base military shelter operations.

The switchboard has facilities for interconnecting 12 separate voice frequency (VF) circuits. Additionally, the SB-22A has provisions to interconnect local battery telephone circuits, VF teletypewriter circuits and to control remote radio equipment.

OUTSTANDING FEATURES:

- Small, lightweight and durable.
- Essential for all portable telephone switchboard installations.
- Handles up to 12 telephone circuits.
- Tightly-fitting front cover protects from the elements.
- Includes convenient headset microphone.
- Built in accordance with stringent U.S. Military Specifications.
- Can be interconnected with an additional SB-22A for up to 29 VF circuits.
- Equipped for night alarm operation.
- Provisions for conference calling.
- Includes accessory kit MX-2915/PT containing one trunk jack, two line jacks, and spare signal lamps in carrying case.
- Optional tone signaling adapter (TA-977/PT) available - 16 tone signaling capability, for interfacing with automatic tactical switching centers. No modifications to switchboard required.

SPECIFICATIONS FOR TELEPHONE SWITCHBOARD SB-22A/PT

TECHNICAL REQUIREMENTS

Local battery lines or trunks	12.
Common battery signaling trunk	1.
Ringing (manual)	20 cycles per second, 90-100 volts (provided by hand ringing generator).
Protection	Lightning arrestor, each line or trunk.

POWER REQUIREMENTS

Operator's telephone	3 volts DC (2 Batteries BA-30)
Night alarm	3 volts DC (2 Batteries BA-30)
Size	5 1/4" H X 12 1/2" D X 16" W
Weight	34 lbs (@ 16 kg.)

SPECIAL CONFIGURATIONS AVAILABLE

1. TANDEM ARRANGEMENT-A tandem arrangement of two SB-22A/PT's can provide as many as 29 lines by substituting the TA-221 operator's pack in one unit with five TA-222/PT line packs.
2. ADDITIONAL BATTERY LINES-By substituting five telephone circuits, line packs TA-222/PT for the operator's pack TA-221/PT, five additional battery of lines may be provided.
3. BATTERY SIGNALING TRUNK-By substituting a telephone circuit trunkjack TA-326/PT for the line pack TA-222/PT, 5 additional battery of lines may be provided.
4. DIALING CAPABILITY-Dialing capability can be provided by an optional tone signaling adapter TA-977 which when mounted and connected to the switchboard, provides 16 dial tone signaling capability for an operator with automatic dialing equipment such as switchboard SB-3614 and AN/TTC-38.

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