

SB-86/P Manual Telephone Switchboard

Status: STD-A; NSN: 5805-00-503-2660

Reference: TM 11-2134

General Information

The SB-86/P is a tactical, local-battery switchboard capable of terminating 30 telephone circuits. With the addition of a second Switchboard Signal Assembly TA-207/P, 60 telephone circuits can be terminated. Each circuit operates either as a magneto signaling or as a common-battery signaling circuit. Two circuits on each TA-207/P can be used to terminate civilian trunks. The PP-990/G provides 120 V AC, 20-Hz ringing power, plus drop operation and restoration power. Tone-Signaling Adapter TA-977/PT will give the Switchboard SB-86/P push-button DTMF tone-signaling capability.

Major Components

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|--|---|
| 1 Manual Telephone Switchboard
Section SB-248/P | 1 Switchboard Signal Assembly
TA-207/P |
| | 1 Power Supply PP-990/G |

Technical Characteristics

Type of Operation-----Manual with local or common battery or
magneto signaling

Line Capacity-----30 lines, 2 may be civilian trunks

Signaling (Outgoing)-----90 V AC, 20 Hz for magneto signaling or
30 V DC for common battery signaling

Signaling (Outgoing) with adapter----DTMF

Signaling (Incoming)-----90 V AC, 20 Hz

Type of Signal-----Audible or visual alarm

Power Requirement:

Signaling-----30 V DC (five BA-200/Us)

Drop Operation and Restoration----30 V DC (five BA-200/Us)

Operator's Telephone-----3 V DC (two BA-30s)

Night Alarm Panel Lamp-----3 V DC (two BA-30s)

Weight-----81.7 kg (180 lb)

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