

## Section II. Switchboards

### AN/TTC-7, AN/TTC-7A, and AN/GTA-14 Manual Telephone Central Offices

Status: STD-A; NSN: 5805-00-395-9422 (AN/TTC-7)  
 STD-A; NSN: 5805-00-892-1081 (AN/GTA-14)

Reference: TM 11-2146

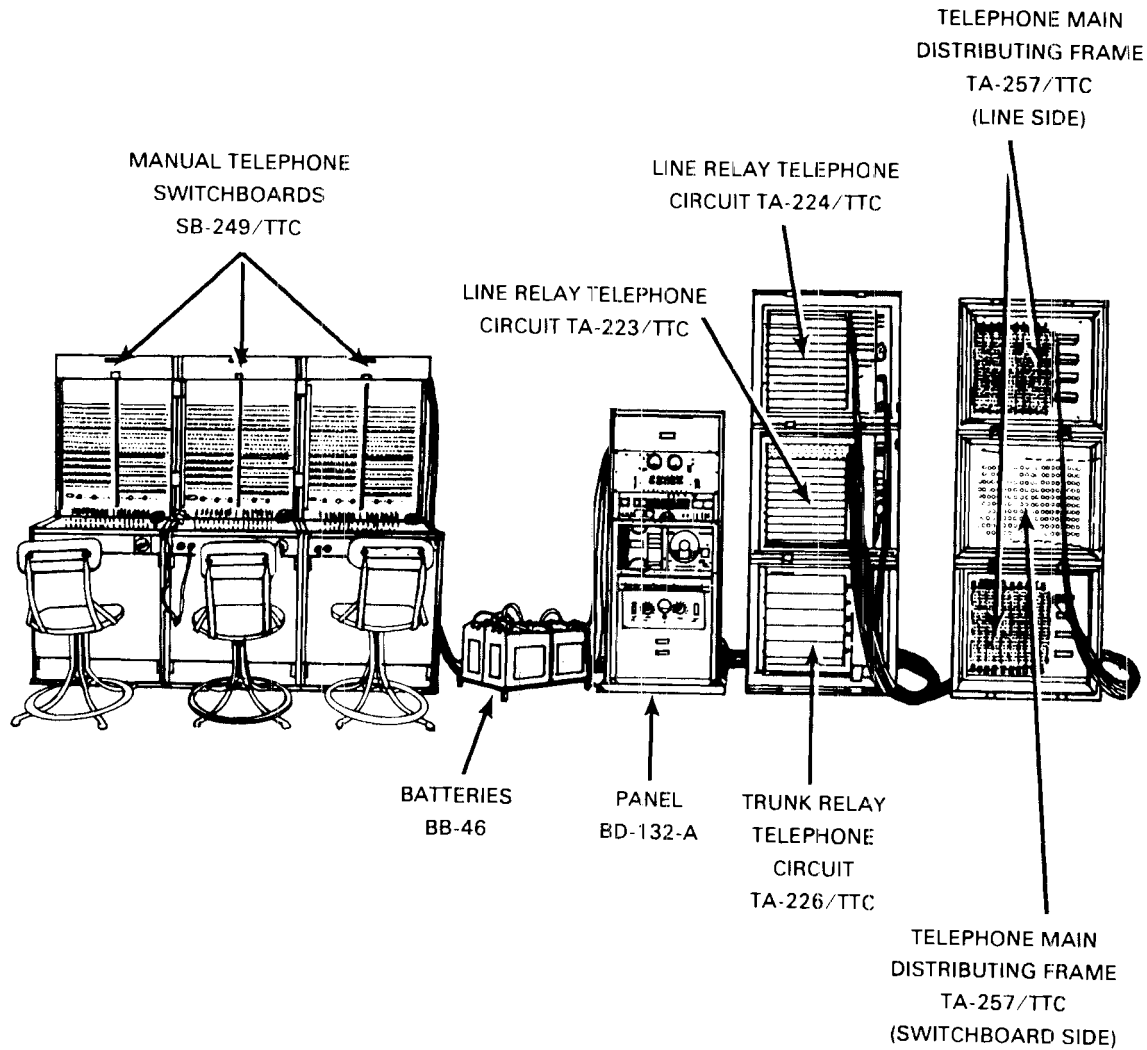
#### General Information

The AN/TTC-7 and the AN/GTA-14 provide complete transportable telephone central office facilities for terminating 200 local lines and 40 trunk circuits. The facilities can be expanded to 1,000 lines and 160 trunk circuits by adding components. The AN/TTC-7 and the AN/GTA-14 are used at division and higher echelons.

#### Major Components

	TTC-7	TTC-7A	GTA-14
Manual Telephone Switchboard:			
SB-249/TTC	3		
SB-249A/TTC		3	
SB-1398/GTA-14			3
Main Distribution Frame:			
TA-257/TTC	3	3	
TA-454/GTA-14			3
Line Relay Telephone Circuit:			
TA-223/TTC	1		
TA-223A/TTC		2	
TA-452/GTA-14			2
TA-224/TTC	1		
Trunk Relay Telephone Circuit:			
TA-226/TTC	1		
TA-226A/TTC		1	
TA-453/GTA-14			1
TA-276/TTC	1		
TA-276A/TTC		1	
Power Distribution Panel:			
BD-132/A	1		
SB-1032/TTC		1	
SB-1399/GTA-14			1

**AN/TTC-7, AN/TTC-7A, and AN/GTA-14  
Manual Telephone Central Offices**



**Technical Characteristics**

Type of Operation-----	Manual with local or common battery
Line Capacity-----	200 local lines and 40 trunks
Signaling (Outgoing)-----	48 V DC; 90 V AC, 20 Hz
Signaling (Incoming)-----	90 V AC, 20 Hz
Type of Signal-----	Audible and visual alarm
Power Requirement-----	110 V AC or 220 V AC, 60 Hz
Weight-----	454 kg (1,000 lb)