



BAT-311/E

Battlefield Automatic Telephone

Wired communication networks are very important near enemy's zone. BAT-311/E battlefield automatic telephone set as a new generation of wired communication equipment provides telephone communication between the subscribers via a pair field wire so that there is no need to switchboard. Due to this mechanism, in addition to considerable quick network establishment, consumed wire is decreased in comparison with the star structure, meanwhile, maintaining the wired BUS line is so easier than the star traditional structures. This battlefield telephone is considered for establishing telephone communication between observation trenches, commander tents, guardrooms, different divisions of battlefield hospitals, and ...

Up to 30 subscribers can be connected to a pair field wire with maximum 4.5km length. In order to increase distance of wired network, two battlefield automatic telephone networks can be connected to each other via a general purpose interface. In this case, subscribers of a network can gain access to subscribers of another network.

General specifications

Frequency range.....	150~300 KHz
Modulation type.....	FDM
Current consumption.....	less than 25mA
External input voltage.....	12~30V
Internal supply.....	4 sets of the C-size battery
Distortion.....	less than 5%
Battery life time.....	13 days continuously

Physical & environmental specifications

Case material.....	metallic-aluminum
Dimension (L×H×W).....	253×91×149 mm
Weight (without battery).....	about 2kg
Operating temperature.....	-10°C ~ +65°C
Sealing.....	✓