



Magneto Telephone Sets



These table-type telephones are intended for use with local battery switchboards.

The instrument consists of a housing, a base plate, a handset and a connection rose. The instrument housing is of thermosetting plastics. Linked with two draw bars projecting into a recess for the handset, the operating lever of the cradle switch is mounted on the inner wall of the instrument housing by means of two screws. On its right side, the housing is provided with a hole for the crank of the magneto.

Made of thermosetting plastic materials, the handset is connected to the instrument by an extensible spiral cord. The instrument cord is terminated with a connection rose.

To ensure stability of the instrument, the aluminium base plate is fitted from underneath with four rubber feet. A magneto and a printed circuit card are mounted on the base plate. A onecoil ringer, an induction coil, a resistor, a capacitor, the cradle-switch spring assembly, and terminals for connection of the cords are assembled on the printed circuit board. The volume control of the ringer is effected by a disc accessible from underneath the base plate.

The local battery telephones of the types 4 FP 150 01, 4 FP 150 02 (for railway telephone systems) and 4 FP 120 16, 18 (for P.O.A. telephone systems) use the 4 FE 740 00 magneto, the armature of which is not insulated from the magneto frame whereas the local battery telephones of the types 4 FP 150 03, 4 FP 150 04 (for railway telephone systems) and 4 FP 120 20, 21 (for P.O.A. telephone systems), use the 4 FN 740 01 magneto, the armature of which is insulated from the magneto frame.

TECHNICAL DATA

	For railway telephone systems	For P.O.A. telephone systems
Sending system reference equivalent	+6 dB	+3 ± 2 dB
Receiving system reference equivalent	0 dB	+1 dB
Input impedance of speaking circuit at 1,000 Hz	1,600 ohms	600 ohms ± 30%
Insulation resistance	100 Mohms	100 Mohms
Operating current of ringer	0.9 mA	40 mA
Minimum loudness of ringer at 75 V/25 Hz	65 dB	70 dB
Output power of magneto at 200 revolutions per min.	3 VA	3 VA
Operating temperature	-10 °C to +40 °C	
Relative humidity	45% to 80%	
Dimensions	240 × 130 × 210 mm	
Weight	3.1 kg	

Producer:



Exporter:

KOVO

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