

Major 4a

including Interface and Software

for operation of

Motorola MOTOTRBO base stations



FunkTronic
Kompetent für Elektroniksysteme

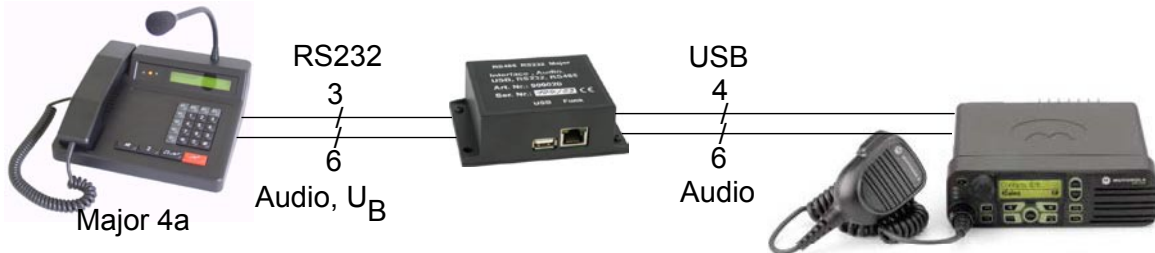
General

The new digital base stations of the Motorola MOTOTRBO series require a redesign of the interface between the operating terminals and the base stations. For this purpose a software option for the **Major 4a** was designed to match this demands. With this option the Major can be connected to the base station via the **Interface Audio, USB, RS232, RS485**.

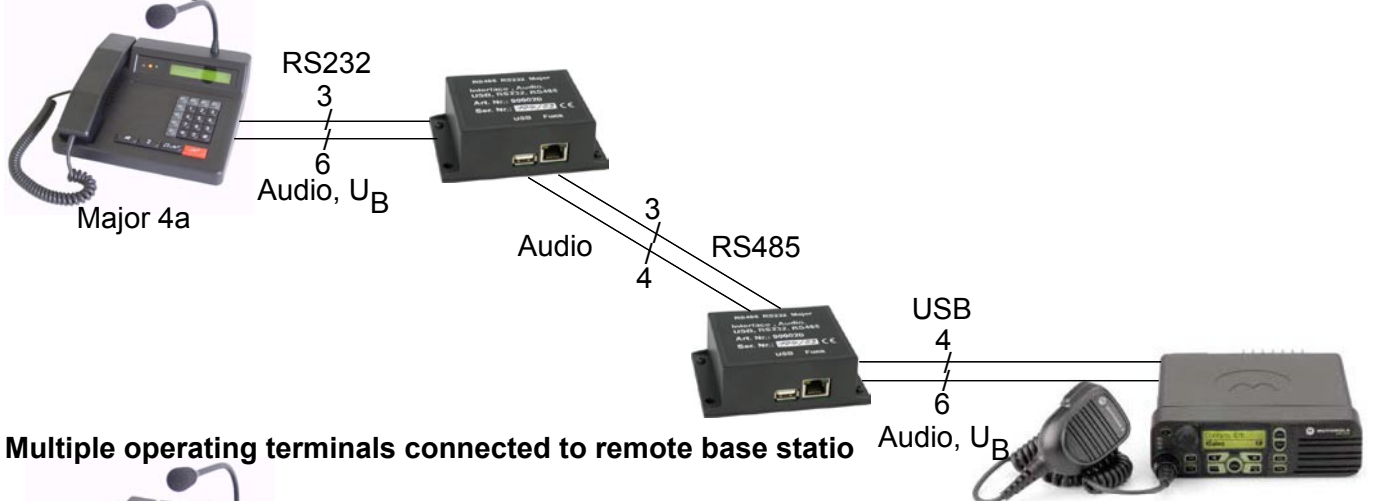
For remote operation of a MOTOTRBO base station a pair of Interface **Audio, USB, RS232, RS485** comes into use. It is also possible to have multiple operating terminals connected to one base station. This configuration is carried out via an interface box at the operating terminal wired to the the central interface box at the base station.

Examples

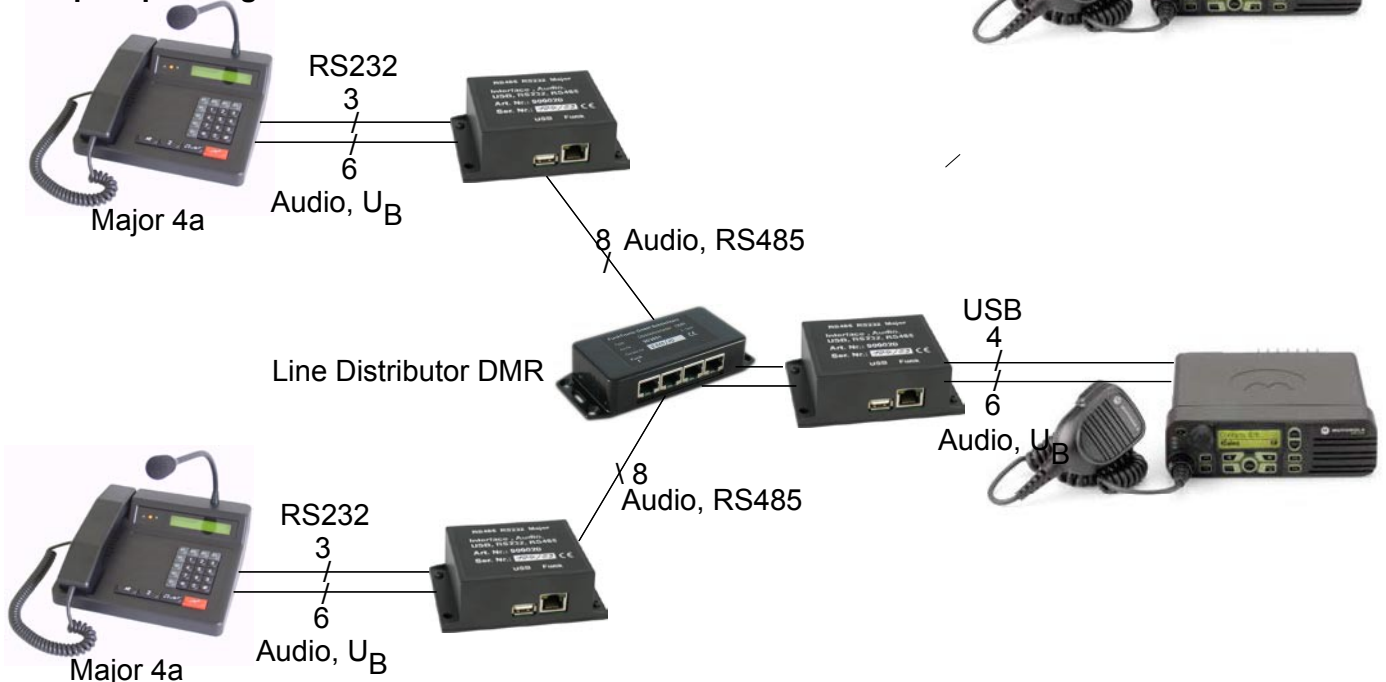
Operating terminal directly connected to base station



One operating terminal connected to remote base station



Multiple operating terminals connected to remote base station



Specifications

Major 4a

Supply	
Voltage	+12 V DC
Power consumption	max. 800 mA
Weight	1,5 kg
Dimensions	
W x D x H (without Gooseneck Mic)	245 x 220 x 95 mm
Impedance	
Input	600 Ohm
Output	600 Ohm

Interface Audio, USB, RS232, RS485

Supply	
Voltage	+12V DC
Power consumption (at 12,0 V)	typ. 50 mA
Weight	110 g
Dimensions	
W x D x H	100 x 75 x 32 mm

Remote Operation

Line length	max. 1200m
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Ordering Information

Part No	Bezeichnung
681000.MOT	Major 4a (without power supply), software option MOTOTRBO
900020	Interface Audio, USB, RS232, RS485
903050	Line Distributor DMR, double
903051	Line Sistributor DMR, triple
	Line Distributor DMR, on request available up to ninefold
900012	Wall Power Supply 230/12V fitting Major 4a and Major 5a