MTL381

MTM800 FuG / MTM5400 Remote Expander for the remote control of the head

Fig. MTL381-Radio with transceiver MTL381-Head with control head, loudspeaker with desktop microphone

Function

With the MTL381 System the remote control station of a Motorola TETRA radio set MTM800 FuG Remote or MTM5400 Remote can be operated at a distance of up to 1,000 metres from the transceiver.
The MTL381 Remote Expander consists of the following components:

- MTL381-Radio
- MTL381-Head
- Y connection cable Radio
- Connection cable Head
- Power supply unit

These are connected 1:1 via CAT 7 S/FTP Ethernet-cable (length up to 1,000 metres) .
The MTL381-Radio is connected with the radio by a Y connection cable. This cable also provides the power supply.
The MTL381-Head is connected to the Motorola control head by a short ribbon cable. The power supply of the MTL381-Head is provided by a 12V/1A power supply unit.
A 8 W loudspeaker can be connected as option.

Technical Specifications

- Dimensions: 100 x 33 x 65mm (B x H x L per box)
- Power supply:
    - MTL381-Radio (via the radio set)
    - MTL381-Head (separates DC-power supply unit 12V/1A)
- 4 pin connector power supply unit 12V/1A only MTL381-Head
- 1x RJ69 10 pin connector (radio, head connection resp.)
- 1x RJ45 8 pin connector (connection of MTL381-Radio and MTL381-Head by CAT 7 S/FTP Ethernet cable)
- Loudspeaker connection: 8W with 1 Watt NF
- Volume control (Potentiometer)
- Operation indicator: LED (green)
- The Motorola radio set must be a remote model
- The radio set baud rate and the head must be set to 115200 baud.
- Temperature range: -20°C bis 60°C

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All technical data and functions serve as orientation and may be modified without previous notice.