RM20 - Handset with control

Type designation: **RM20**

PN (RN): **2313.100.01**

The handset with control is intended to control RF20 transceiver. Besides the basic functions of radio channel monitoring, transceiver keying and voice modulation, it features channel selection and step volume change. The device includes a two-row LCD display (2 x 8 characters), which displays channel number, frequency and network name. It also shows other incoming events, such as received FLASH, ALERT and short text messages. The RM20 is equipped with two keys on the side - PTT and tone signaling. The front side features an LCD display and two function keys underneath it. The speaker grid is located above the display. RM20 is linked with the transceiver with a spiral cord that comes out of the bottom section and is terminated with a standard audio-frequency ten-pin connector. The connector is connected to the appropriate transceiver AF connector. The RM20 design makes it waterproof to 1 m and resistant to falls.

Technical parameters

Type of communication protocol	PRC20
Parameters of asynchronous communication line	asynchronous, 57600 Bd
Maximum connection cable length	2 m
Modulation voltage to the transceiver	100 mV/2 kΩ
Speaker impedance	8 Ω
Tone signaling frequency	(1000 ± 200) Hz
Interconnect connector type	10 pins, 162GB-36T-12-10
Weight	0.3 kg
Operating temperature	-30 °C to +70 °C
Storage temperature	-40 °C to +70 °C

MESIT asd, s.r.o.
Sokolovská 573, Mařatice
686 01 Uherské Hradiště
Česká republika

asd@mesit.cz
T +420 572 522 200
F
www.mesitasd.cz