DR13.2 - Rebroadcast unit

Type designation: **DR13.2**
NSN: **5820160020271**
PN (RN): **2015.100.01**
KČN: **0064241006313**

This rebroadcasting unit is an RF13 transceiver accessory securing automatic rebroadcasting of signals in open and coded speech modes and of short messages (FLASH) via a rebroadcasting station in RF13 and RF1301 transceiver networks or in RF20 transceiver networks on fixed frequency. The unit can be used as a part of both portable and mobile rebroadcasting stations.

Description

A rebroadcasting station equipped with two DR13.2 units enables automatic rebroadcasting of signals of simplex end transceivers in both radio communication directions when both operating rebroadcasting frequencies are transmitted and received simultaneously.

A rebroadcasting station equipped with at least one DR13.2 unit connected to a receiving transceiver enables automatic rebroadcasting of signals of semi-duplex end stations with the purpose of creating a retransmitting radio network. One operating frequency of the rebroadcast unit is used for reception, the other for transmission.

The unit provides the rebroadcast unit operator with voice communication with end transceivers in open and coded speech modes and with short message sending.

The DR13.2 rebroadcast unit enables automatic rebroadcasting of short messages only in collaboration with the RF13 transceiver version 04 and higher.

Technical parameters

Power supply	from RF13 transceiver
Current consumption	max. 70 mA
Input modulation voltage	(1.45 ± 0.2) V
Automatic signal rebroadcasting	• open speech • encrypted speech • short messages (FLASH)

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Operating temperature range	-30 °C to +60 °C
Dimensions	W 184 mm x H 45 mm x D 142 mm
Weight	0.8 kg

Documentation

DR13.2 operating instructions	2015.010.02

Set

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DR13.2	2015.000.01	Rebroadcast unit set

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