



**WB GROUP** 

Vehicle set of the  
3501 Handheld Radio

***V3501***

## Vehicle set of the 3501 Handheld Radio V3501

For the operation of the handheld radio 3501 in the vehicle, mobile set V3501 is used. It consists of the following devices: Transceiver unit 3521 of the radio 3501, vehicle adapter 0526, active speaker 0529 and car antenna. Thanks to the adapter, the radio can be easily mounted in the vehicle. With its help, the radio is powered from a 12 V or 24 V on-board network. This kit can optionally be equipped with 0525 power amplifier and 05213 console. The amplifier enables the signal to be amplified up to 50W (0.3 W, 1 W, 3 W, 5 W, 20 W, 50 W – depending on configuration). This makes it possible to create a high-power V3501 mobile set that maintains communication over a large area. It enables all 3501 radio functions to be used what increases the operational range of the team or platoon. You can easily create a mobile or stationary set. It is enough to disconnect the antenna and

the power supply from the radio 3501, place it in the adapter and connect the control cable and the vehicle antenna. All these operations take no more than a minute.

If there is a high level of noise in the assembly area and it is impossible to use the built-in radio speaker, it is possible to extend the set and install the external active speaker. Other accessories may also be used, e.g. an external handset or headset. Mobile broadband antenna and GPS antenna are available, as well. Installation kits content depends on the type of the vehicle. The console 05213 is designed for remote operation of the vehicle set. It controls the car adapter and power amplifier, as well. It allows, among the others: speech and data transmission, reception and transmission of status messages, operation with selective calling, data reading from the GPS receiver installed in the transceiver unit. The console is equipped with an LCD display showing the current parameters of the adapter or the transceiver unit.



### Features

power up to 50 W

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easy installation in the vehicle

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external loudspeaker

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data transmission

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### Basic set

transceiver unit

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vehicle adapter

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vehicle antenna

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active loudspeaker

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mounting base

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**05213 Console**



**RF power amplifier**



**Headset**

## Accessories

RF power amplifier

console

antennas

power supply unit/converter

installation kits

headsets

cloning cable

programming kit

## General characteristics of the 0526 vehicle adapter

supplied from the vehicle on-board network 11 ÷ 33 V

power adjustment stand by, 5 W, 20 W, 50 W

dimensions 140 x 100 x 60 mm

## General characteristics of the 05213 console

programmable channels 10

power supply 7,2 V (from 0526 vehicle adapter)

dimensions 246/204,5 x 142,5 x 87/50 mm

weight 1500 g

## Technical specification of the 3501 transceiver

frequency band 30,000 ÷ 87,975 MHz

channels number 2320

channel spacing 25 kHz

programmable channels 10

modulation F3E, F2D

data transmission rate 1,2/2,4/9,6/12,0/16,0/19,2/24,0 kb/s

operating mode simplex, duosimplex

interoperability according to STANAG 4204

## General characteristics of the 0525 power amplifier

RF output power for supply voltage of 13.2 V 5, 20 W  
for supply voltage of 27 V 5, 20, 50 W

supplied from the vehicle on-board voltage 11 ÷ 33 V

dimensions 245 x 150 x 85 (107) mm

## General characteristics of the 0529 loudspeaker

audio power 1,5 W

power supply 7,2 V (from 0526 vehicle adapter)

dimensions 55 x 150 x 115 mm





[www.wbgroup.pl](http://www.wbgroup.pl)

**RADMOR**   
WB GROUP

RADMOR S.A.  
ul. Hutnicza 3, 81-212 Gdynia, Poland

t: +48 58 7655 621  
f: +48 58 7655 662

[market@radmor.com.pl](mailto:market@radmor.com.pl)

Note: The given parameters are not binding specifications. The company reserves the right to change the technical parameters of the device.  
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