



WB GROUP 

COMP@N

accessories

The possibilities and the scope of usage COMP@N radios, may be extended by wide range of accessories, starting with basic ones such as antennas and power supplies, throughout headsets, programmers and ending with the power amplifiers.

Basic accessories

The basic equipment of radio stations are antennas and batteries. Actually for the COMP@N radio family, there are offered three types of antennas which differs with operating band.

Radios may be equipped in two types of batteries, designed to work in different temperature ranges. Those batteries have a visual indicator with the status of charge and the monitoring system, which communicates with the charger to ensure the optimal conditions of charge cycles. For charging them, there is already designed a four position charger or small individual one adapted to work with car installation or solar cells.



Antennas for various frequency bands

	Antenna 3585/1	Antenna 3585/2	Antenna 3585/3
frequency range	20 ÷ 108 MHz	90 ÷ 250 MHz	220 ÷ 520 MHz
length	1128 ± 4 mm	831 ± 4 mm	486 ± 4 mm
mass	187 ± 10 g	149 ± 10 g	147 ± 10 g



Vehicular set (COMP@N handheld radio, adapter and power amplifier)

Vehicular adapter

Vehicular adapter is a device which enables the use of COMP@N handheld radio in vehicles (e.g. light tanks, transporter vehicles) together with a dedicated vehicular adapter and power amplifier. This set provides a secure attachment and a possibility for easy removing of the radio, without outages. After installing the radio in the adapter, it is being automatically switched to work with vehicular antenna system, data communications and power amplifier (if such is installed). In such set, a radio is powered via an adapter with the onboard network of the vehicle, while ensuring the charging of its battery from vehicular power supply. The adapter also provides an access to interfaces of the radio through a dedicated connectors, enabling further integration with on-board systems.

Power amplifier

Vehicular set, which consists of COMP@N radio mounted in vehicular adapter, can be extended with power amplifier. It allows to work with maximum power 50 W, which significantly increase radio range. With built-in amplifier co-site filters, it is possible to work on one vehicle together with other communication systems (in the same frequency band). The amplifier is powered from the vehicular power supply and is designed for all the COMP@N family radios.

The amplifier and adapter can be installed in the vehicle either as a separately mounted devices (e.g. spaced apart to several meters), and as one integrated set.

The basic parameters of the amplifier

frequency range	30 – 520 MHz	
input voltage	17 ÷ 33 V	
maximum output power	30 W – for the frequency $400 \text{ MHz} \leq f < 520 \text{ MHz}$ 50 W – for the frequency $30 \text{ MHz} \leq f < 400 \text{ MHz}$	
dimensions	length	270 mm
	width	180 mm
	height	187 mm

FillGun

FillGun is designed to carry radio configuration and allows user for an upgrade of firmware/software. It has two external connections. The first of them allows user to connect to one of the two radio connectors (TCA or TCB). The second of these is a standard USB plug to connect the programmer to the PC, on which is installed radio configuration application. The programmer has built-in security mechanisms – access to the device is either from the radio or the PC, which is based on authentication, and the transferred data are being protected with the usage of asymmetric encryption algorithms.

Headset

In order to enable the radio operator to maintain a continuous communication without having to operate the radio directly, it is possible to connect to it a headset with remote PTT button.

To meet the expectations and requirements of the customers, COMP@N family accessories offer will be updated with new products which increase operator comfort and system capabilities. We aim to ensure that COMP@N family radios were in every aspect functional and easy to use.



Li-Ion battery, with a capacity of 6800 or 9000 mAh, equipped with a charge indicator



Individual charger



Four socket charging device



FillGun programmer



Headset



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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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