

Short Introduction

This device is intended for technically qualified users, as Radio Amateurs. Operation of this equipment requires technical knowledge. Please refer to the legal requirements!

Do not open the device. The unit contains no serviceable parts. If you need assistance regarding technical matters, please contact us via e-mail:

technik@ssb-electronic.de

Packaging components (e.g. plastic film, polystyrene) can be dangerous for children. Danger of suffocation! Keep away from children.

Environmental Notices



Electrical and electronic equipment must not be disposed of with household waste. The consumer is legally obliged to return electrical and electronic equipment at end of life to the public collecting points or the place of purchase. Details are

covered by the respective state law. The symbol on the product, user manual or packaging indicates these provisions.

Declaration of Conformity



It is hereby declared that the product complies with all relevant regulations for the product.

Manufacturer:

SSB-Electronic GmbH
Ostenfeldmark 21
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Contact:

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Technical Data:

Sensitivity:	-141 dBm (MDS)
Inband IIP3:	28 dBc
IIP2:	better than 60 dBc
Output Power (Transmit mode):	max. 15W
Bandwidth:	up to 100 kHz
Display- Bandwidth:	up to 4 MHz
PC Interface:	USB 2.0
Operation Voltage:	12-15 V
Power Consumption (Transmit mode):	4 A

The Transceiver ZS-1 will be shipped as follows:

Cable USB 2.0:	1 pc.
DC Cable with connector:	1 pc.
Ferrite Core:	1 pc.
CD with Software:	1 pc. with comprehensive manual

Conformity:

EN 301 489-1 V1.8.1 (2008-04)

EN 301 489-15 V1.2.1 (2002-08)

EN 301 783-2 V1.2.1 (2010-07).

EN 60950-1:2006/A1:2010

Preventive Measures

Please note the following items carefully before first use:

- * The transceiver must be grounded and the absence of a ground may affect the power supply or cause a loss of functions.
- * In the case of smoke, odor or unusual noise, turn off the transceiver and please disconnect the power supply.
- * Do not open the Transceiver. The opening of the transceiver can cause the loss of warranty.
- * A switching of the transceiver to transmit mode is permissible only when connected to an antenna. Broadcasting without antenna or end load can damage the transmission stage!
- * Connect the Transceiver only to a stabilized power supply with 12-15 V and at least 5 A. SSB-Electronic recommends the optional **Power Supply Art.-No. 9371**, as it was tested with the Transceiver in continuous operation.
- * Avoid voltages above 15 V.
- * The folding ferrite, which is part of the delivery, is for blocking interfering signals through the USB cable. It should be plugged onto the PC end of the USB cable and locked by pressing it together lightly.
- * Avoid contact of the transceiver with water, snow or any liquids.
- * Use the Transceiver within a temperature range between 0 °C to +50 °C and avoid also the storage outside this range. Avoid the

formation of humidity and condensation and suddenly changing climate.

* Set the Transceiver so that free air circulation is ensured. Do not place any other objects on the unit, to avoid overheating - especially of the top of the housing.

* If you do not use the transceiver for a long time, disconnect it from the power supply, antenna cable and the USB connection.