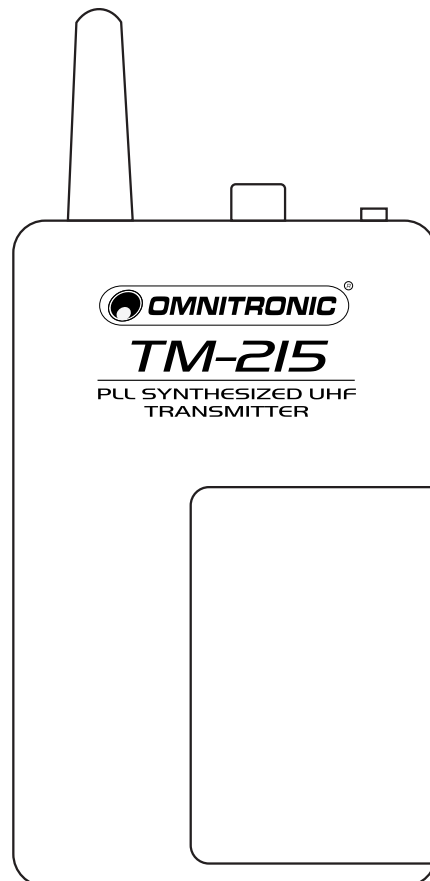




USER'S MANUAL

TM-215

Pocket transmitter



Für weiteren Gebrauch aufbewahren!
Keep this manual for future needs!
Gardez ce mode d'emploi pour des
utilisations ultérieures!
Guarde este manual para posteriores usos.



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Das neueste Update dieser Bedienungsanleitung finden Sie im Internet unter:

You can find the latest update of this user manual in the Internet under:

Vous pouvez trouvez la dernière version de ce mode d'emploi dans l'Internet sous:

Vd. puede encontrar la versión más reciente de este manual en el Internet bajo:

www.omnitronic.com



TM-215

Pocket transmitter



CAUTION!

Keep this device away from rain and moisture!
Only use batteries recommended by the manufacturer!

For your own safety, please read this user manual carefully
before you initial start-up.

Every person involved with the installation, operation and maintenance of this device has to

- be qualified
- follow the instructions of this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- download the latest version of the user manual from the Internet

1. INTRODUCTION

Thank you for having chosen an OMNITRONIC TM-215. If you follow the instructions given in this manual, we can assure you that you will enjoy this device for many years.

Unpack your OMNITRONIC TM-215.

Please make sure that there are no obvious transport damages. Should you notice any damage, do not take the device into operation and immediately consult your local dealer.

1.1 Features

Compact pocket transmitter

For transmitting the microphone signals to the receiver • Operation in the low-interference UHF-band • For 16 channels • Channels switchable via DIP-switches • For 2 mignon-batteries (type AA) • With battery capacity LED-display • With 3-fold operation selector (Off/On) • Adjustable microphone sensitivity via Mic Adj. control in the battery compartment • License-free and approved in Germany • The lavalier microphone or headset-microphone has to be ordered separately

2. SAFETY INSTRUCTIONS

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.



Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

Keep away from heaters and other heating sources!

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

Please note that damages caused by manual modifications on the device or unauthorized operation by unqualified persons are not subject to warranty.

Keep away children and amateurs from the device and the battery!

3. OPERATING DETERMINATIONS

This device is a pocket transmitter for high-quality vocal and voice pickup. This product is only allowed to be operated with 2 mignon-batteries (type AA) and was designed for indoor use only.

In order to receive the transmitted signals, you need a single antenna receiver or Diversity-receiver with the suitable carrier frequency.

Batteries are hazardous waste which need to be disposed of appropriately. If the device is to be disposed, the battery has to be removed first.

Make sure that the poles are correct when inserting the battery.

Never let batteries lying around openly as there is the danger that these can be swallowed by children or domestic animals. Immediately consult a doctor when batteries are swallowed!

Leaking or damaged batteries can cause irritations when getting into contact with the skin. In this case use appropriate protective gloves.

Make sure that the battery cannot be short-circuited, thrown into the fire and be charged. There is a danger of explosion.

Never spill any liquids on the device. Should any liquid enter the device nevertheless, remove the battery immediately. Please let the device be checked by a qualified service technician before you operate it again. Any damages caused by liquids having entered the device are not subject to warranty!

Do not shake the device. Avoid brute force when operating the device.

Do not operate the device in extremely hot (more than 30° C) or extremely cold (less than 5° C) surroundings. Keep away from direct insulation (particularly in cars) and heaters.

Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation!

Never use solvents or aggressive detergents in order to clean the device! Rather use a soft and damp cloth.

Please use the original packaging if the device is to be transported.

Please consider that unauthorized modifications on the device are forbidden due to safety reasons!

If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void.

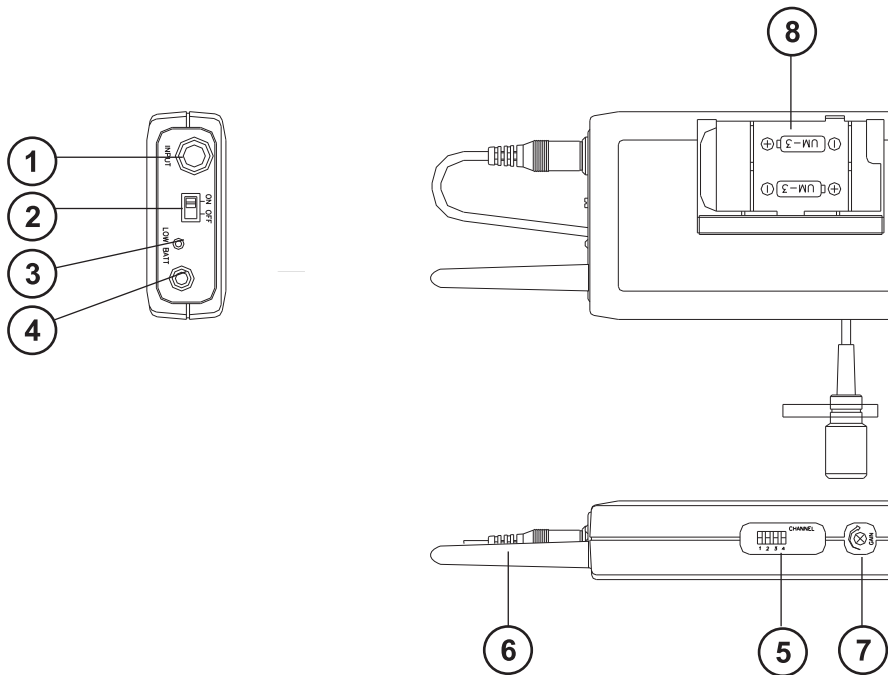
3.1 Approval

This wireless system was tested in accordance with the European standards EN 300422-2, EN 301489-09 and EN 60065. Consequently, this product adheres to the R&TTE directive of the European Union and does not need an individual EC type examination of every member state. The approval number is **CE 0678**.

In some countries, the operation of this wireless system needs to be approved by the national telecoms regulatory authority. Please refer to your authority via links from the following Internet address: <http://ec.europa.eu/enterprise/rte/weblinks.htm>.

In Germany, this wireless system is generally approved and license-free.

4. DESCRIPTION OF THE DEVICE



- (1) Microphone input socket
- (2) Operation selector OFF/ON
- (3) Battery-LED
- (4) Antenna
- (5) Antenna
- (6) DIP-switches
- (7) Gain-control
- (8) Battery compartment

5. OPERATION

5.1 Inserting/Replacing the batteries

Please refer to the explanations under Operating Determinations.

Open the battery cover on the bottom and remove it.

If replacing the batteries, remove the old batteries from the battery compartment.

Caution!

Danger of explosion when battery is replaced improperly.
Only replace by the same type or similar types recommended by the manufacturer.
Remove empty battery in accordance with the instructions of the manufacturer.

Insert the 2 mignon-batteries (type AA) and make sure that the poles are correct.

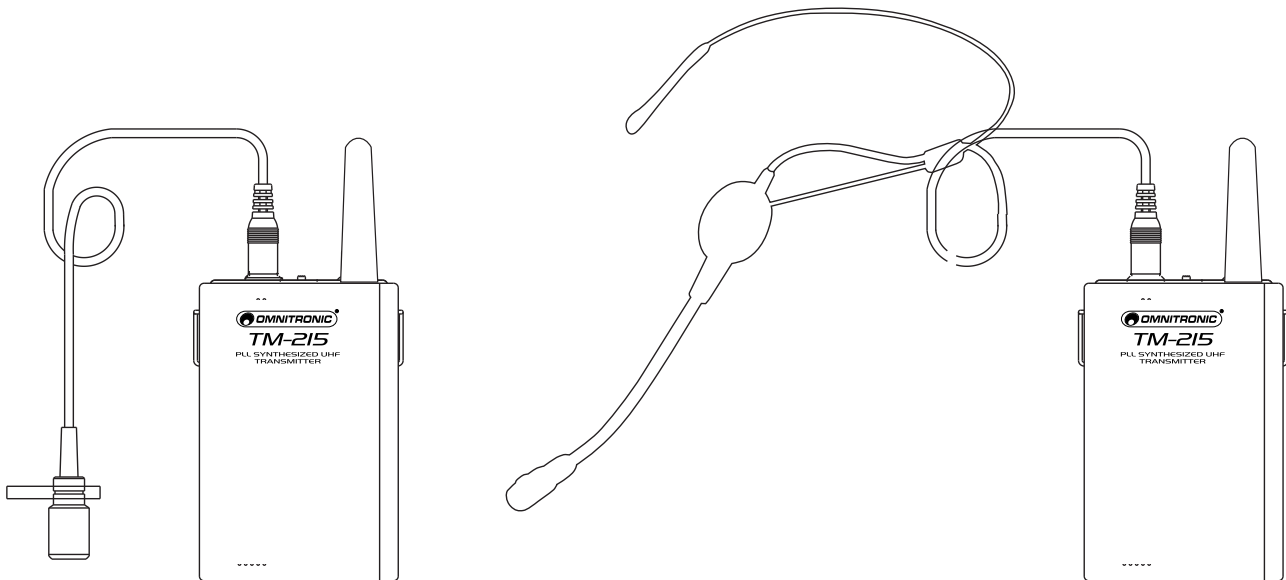
Replace the battery cover and close it.

In order to have a long battery life, you should only use alkaline batteries.

BATTERY DISPOSAL NOTICE

Please dispose of old and used batteries properly.
Batteries are hazardous waste and should not be disposed of with regular domestic waste!
Please take old and used batteries to a collection center near you.

5.2 Start-up



Screw the microphone lead into the microphone input socket.

Screw the antenna into the antenna socket.

Attach the pocket transmitter via the belt clip to the belt or waistband.

With the operation selector, you can switch the device on and off. When switching the device on, the red LED shortly lights up. In this case, the power supply is sufficient.

When the battery is getting weaker, the red LED is permanently illuminated. In this case, the batteries have to be replaced.

If the red LED does not light up when switching on, there is either no battery inserted or the poles are wrong.

Please note that the operation selector has to be set to ON in order to transmit microphone signals.

Via the Mic Adj. control in the battery compartment, you can adjust the microphone sensitivity. Use a screwdriver in order to turn the control until the desired sensitivity is adjusted.

If the microphone is not used, switch the transmitter off via the operation selector. If the presentation etc. is over choose OFF. If the device will not be used for a longer period of time, remove the battery in order to avoid battery leakage.

6. CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

There are no servicable parts inside the device except for the battery. Maintenance and service operations are only to be carried out by authorized dealers.

In order to replace the battery please refer to "Inserting/exchanging batteries".

Should you need any spare parts, please use genuine parts.

Should you have further questions, please contact your dealer.

7. TECHNICAL SPECIFICATIONS

Antenna:	Rubber
Carrier frequency:	UHF 750 - 850 MHz
Modulation:	FM
Frequency stability:	$\pm 0,005$ %
T.H.D.:	< 1 % at 1 KHz
Tone signal:	32.768 KHz
AF response:	50 - 15,000 Hz (± 3 dB)
Maximum deviation:	$\pm 48,000$ Hz
RF power output:	10 mW max.
Power supply:	2 mignon-batteries (type AA)
Current consumption:	approx. 65 mA, ± 5 mA
Battery life:	approx. 10 hours
Dimensions (LxWxH):	97 x 64 x 24 mm
Weight:	100 g

Please note: Every information is subject to change without prior notice. 19.02.2009 ©