

important safety instructions radio devices

1. General information

Electrical devices, packaging material, batteries, etc. are not toys and do not belong within the reach of children. Packaging and wearing materials must be disposed of in an environmentally friendly manner.

2. Important safety instructions:

- ① Read the operating instructions carefully and keep them. Only pass the product on to other people together with the operating instructions.
- ① If you do not observe the safety instructions and information in these operating instructions, we are not liable for any injuries or property damage that may result. In addition, the warranty/guarantee expires in such cases.
- ② The product is not a toy. Keep the device, accessories and packaging away from children.
- ② Handle the product with care. It can be damaged by bumps, hits or falling from a small height.
- ② Download the current operating instructions from www.diw-gmbh.de/diw-punkt/DP_download.html
- ② Contact with moisture must be avoided at all costs. Protect the product from extreme temperatures, direct sunlight, strong shocks, high humidity, moisture, vapors and solvents.
- ② For safety and regulatory reasons, you may not convert and/or modify the product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can cause hazards such as short circuits, fire, etc.
- ② If safe operation is no longer possible, take the product out of service and protect it from unintentional use. Safe operation can no longer be guaranteed if the product shows visible damage, no longer works properly, has been exposed to unfavorable environmental conditions or has been subjected to transport loads.
- ② Do not use this product in hospitals or medical facilities. Although the transmitter of the radio remote control only emits relatively weak radio signals, these can also lead to malfunctions in life-support systems. The same may apply in other areas. The maximum transmission power is <10 dBm
- ② **Handling batteries:**
 - ② Remove the battery if you don't use the device for a long time to avoid damage caused by leakage. They can cause acid burns on skin contact.
 - ② Do not leave batteries lying around, they could be swallowed by children or pets.
- ⓘ **Do not ingest the battery!** Risk of burns from hazardous substances. A product may contain a button cell or battery. If a button cell/battery is swallowed, severe internal burns can occur in as little as 2 hours and can result in death.
 - ② => Keep new and used batteries away from children! If you think batteries have been swallowed or are in any part of the body, seek medical help immediately.
 - ② If the battery compartment does not close securely, stop using the product and keep it away from children and pets.
 - ② Do not disassemble, short-circuit, or throw batteries into fire. Never attempt to charge non-rechargeable batteries. There is a risk of explosion

ⓘ **Die allgThe rules of electrical engineering must be observed in any case.**

3. Battery law, dangers & safety, information on environmental protection

At the end of its useful life, this product must not be disposed of with normal household waste, but must be taken to a collection point for the recycling of electrical and electronic equipment. This is indicated by the crossed-out wheeled bin symbol on the product, instructions for use or packaging.



Batteriegelgesetz: Some devices come with batteries that are used to operate the devices. These can be permanently installed in the devices. We are obliged to inform our customers of the battery ordinance in connection with the sale of batteries:

Please dispose of all batteries as required by law, disposal in household waste is expressly prohibited. You can hand in the batteries and rechargeable batteries at municipal collection points or in local shops free of charge. Batteries purchased from us can also be returned to the following address after use with proof of purchase. Please post sufficiently: DIW-GmbH, Balanstr. 89 b, 81539 Munich. We replace the letter postage. Batteries that contain harmful substances are marked with the symbol of a crossed-out garbage can, the symbols are the chemical names of the harmful substances contained. "Cd" stands for cadmium, "Pb" for lead, "Hg" for mercury, "Li" for lithium, "Ni" for nickel, "Mn" for metal hydride and "Zn" for zinc. The materials are recyclable according to their labeling. By reusing, material recycling or other forms of recycling old devices, you are making an important contribution to protecting our environment. Please ask the municipal administration for the responsible disposal point.

4. Guarantee, guarantee: Legal regulations apply. There is no warranty claim for damage caused by non-observance of the operating instructions (short form and online instructions). Liability or further claims, in particular claims for compensation for personal injury or damage to property caused by non-functioning or faulty functions, are excluded.

Current and detailed information on the Internet:

▶▶ https://www.diw-gmbh.de/FAQ_index.html ◀◀

DIW-GmbH hereby declares that the „**DIW-Funk**“ radios DWS-10T, DWS-20T, DWS-11, DWS-22 (RSW864T1/T2 | RSW892T1/T2) are in accordance with the basic requirements and other relevant provisions of Directive 2014/53/EU.

Declarations of Conformity online at: https://www.diw-gmbh.de/DIW-Punkt/DP_Download.html

Errors, design changes and technical data are subject to change without prior notice in the interests of constant product improvement (06-2022). Made in China.



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Description of the devices,
compatibility lists, FAQs
and certificates can be



found on the manufacturer's website

▶ <https://www.diw-gmbh.de/DIW-Funk> ◀

operation manual,,DIW-Funk“- Wand-Sender

Sender: DWS-10T, DWS-20T, DWS-11, DWS-22 (RSW864T1/T2 | RSW892T1/T2)

Intended Use: The radio wall transmitters DWS-10T/-20T/-11/-22 are radio transmitters and can wirelessly switch suitable radio receivers on and off or dim them. The DWS-10T/-20T models also have a countdown timer for each channel, which can switch off the receiver after the set time. There are 5 time options, 15s/60s/180s/30m/60m. Of course you can also set it without a timer or switch it off manually at any time during the time. The DWS-20T model with two channels allows you to adjust each channel separately. The DWS-11 (1 channel) and DWS-22 (2 channels) models do not have a timer. Depending on the device, the outdoor range is up to 50 m. **The wireless wall switches are only intended for use in dry interior rooms.** However, a weatherproof housing is available (DBOX-54).

Installation and connection:



- carefully pry off the front cover of the wireless wall switch (e.g. with a screwdriver) and remove it (Image DWS-10T left | DWS-22 right).



- Remove the mounting plate. The mounting plate for the wireless wall switch is attached to the electronic part of the wireless clips. the attachment. mounting plate to the wall with suitable fastening

wall switch with 4
- Drill the holes for
- Fasten the material.



- Insert a 3V battery (type: CR2032) into the battery compartment of the wireless wall switch, making sure that the polarity "+" is at the top.
- Attach the front panel to the wireless wall switch.



=> this is how you pair a radio receiver with the wall transmitter:

- 1.) Normally turn on the receiver or press and hold the receiver's learning button for 3 seconds to put the receiver into learning status (LED flashes)
 - 2.) then press and hold the "I" button on the transmitter for 3 seconds until the LED stops flashing and stays on. Some receivers confirm the teach-in with a short switch.
- With the wall transmitters with 2 channels, 2 different receivers can be programmed.
If you want to train additional receivers, start again at point 1.

Erasing the code

The transmitter does not store the code, but it can help erase the code from the receivers.
To put the receivers in learning status (LED flashing), press and hold the transmitter "O" (OFF) button for 3 seconds until the LED stops flashing and stays solid, the code has been successfully erased.
Some receivers confirm the deletion with a short switch.

Since there are different receivers, it is always better to use the operating instructions for the respective receiver for pairing and deleting.

The dimming function of the wireless wall switch with a suitable dimmer receiver:

- Press the "I" button to switch on the light in the last saved brightness.

- Press the "I" button again, the light gets darker and brighter again until press "I" again. This new brightness is then stored.
- If you press "O", the light goes out, but the last brightness level remains saved.

=> this is how you set the timer on the wall transmitter:

(DWS-10T and DWS-20T models only)

Step 1 Put the transmitter in timer setting status

Press and hold the ON and OFF button simultaneously for 3 seconds, the LED will keep on.

Step 2: Set time delay

A: If there is no operation, the LED will turn off automatically and the transmitter will go to normal working state; there is no time delay function.

B: While the LED is on, press the ON button ("I") 1 to 5 times to set the desired delay time, then press the OFF button to confirm.

Press the ON button once, the LED will flash once, press the ON button again, the LED will flash twice, if you press the ON button again, the LED will flash three times....etc. up to 5x, then the LED stays on permanently and one round of adjustment time is over.

Pressing OFF ("O") confirms the desired time delay and ends the program.

C: LED status after start of timer setting program (press button "I"+"O" for 3 sec.)



Press ON ("I") x times, confirm the desired option with the OFF button ("O"):

1x => LED flashes once => press OFF button, 15s time delay set successfully

2x => LED flashes twice => press OFF button, 60s time delay set successfully

3x => LED flashes three times => press OFF button, 180s time delay set successfully

4x => LED flash four times => press OFF button, 30m time delay set successfully

5x => LED flash five times => press OFF button, 60m time delay set successfully

6x => LED only lights up => press the OFF button, only normal ON/OFF, no timer function

Note: The time delay only works while the ON button is pressed on the transmitter. With two channel transmitters, the time delay for each channel must be set separately!

If you press the OFF button, the time delay will be stopped in advance!

Wireless wall transmitter with timer..... DWS-10T(1 Channel)+ DWS-20T (2 channels +2 timers)

Wireless wall transmitter without timer...: DWS-11(1 Channel)+ DWS-22 (2 channels)

Commissioning, function test

Put the receiver into operation properly (observe the operating instructions for the receiver). The receiver is switched on or off by pressing the corresponding "I" or "O" button on the wireless wall switch.

Technical specifications:

DWS-10T = 1 Kanal (RSW864T1) / DWS-20T = 2 channels (RSW864T2)

Time Delay: 15s/60s/180s/30m/60m

Frequency: 433.92MHz

Transmission power.....: <10 dBm

Transmission distance : max 50 m (open area)

Power supply: 3V battery, type "CR2032" (included)

Internal LED: lights up briefly when the buttons are pressed

Operating temperature: 0 to +35 °C

Maße (B x H x T): ca. 80 x 80 x 14 mm

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