Important safety instructions for **DIW** - Funk wireless switches

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:

• Read the operating instructions carefully and keep them. Only pass the product on to other people together with the operating instructions.
• 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.
• The product is not a toy. Keep the device, accessories and packaging away from children.
• Handle the product with care. It can be damaged by bumps, hits or falling from a small height.
• Download the current manual from www.diw-gmbh.de/diw-punkt/DP_download.html.
• 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.
• 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. Improper use can also result in dangers such as short circuits, fire, electric shock, etc.
• 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.
• Operate only in dry interior rooms!
• Connection and installation only by an authorized electrician! (230V, danger to life!)
• Before making the electrical connection, switch off the power supply, check and make sure that it is not accidentally switched on.
• The following applies to all wireless switches and wireless adapter plugs (hereinafter referred to as wireless switches):
• Do not connect radio plugs one after the other!
• A radio switch must always be easily accessible. The socket for the power supply must be close to the device to be switched and connected properly.
• The wireless switch must not be covered with objects such as paper, fabric, curtains, etc. Otherwise it could lead to dangerous heat build-up. Operating in confined, unventilated areas (cupboards, boxes, etc.) is also not permitted. All objects should be at least 10 cm away.
• The wireless switch must not be exposed to dripping or splashing water.
• Do not drop the wireless switch. A fall could damage components.
• In any case, it must be checked whether the device is suitable for the respective place of use.
• Do not open the housing! Do not try to repair yourself, otherwise the approval will expire immediately!
• Observe the permissible maximum output (W) of the connected device.

Preparations and safety instructions for the installation of wireless built-in switches

• The wireless flush-mounted switch must be installed and operated in a suitable flush-mounted box or surface-mounted box or in another suitable housing.
• Only use the wireless flush-mounted switch if it is permanently installed.
• The wireless flush-mounted switch must be disconnected from the power supply during installation. To do this, switch off the electrical mains supply by switching off the corresponding circuit breaker or removing the fuse. Secure it against unauthorized restarting, e.g. B. with a danger sign.
• Also switch off the residual current circuit breaker in order to completely disconnect the mains supply from the mains voltage.
• Use a suitable test device to check whether the mains supply is de-energized.
• The general rules of electrical engineering must be observed in any case.

Electrical and electronic equipment Information for private households, environmental protection

Manufacturer information according to § 18 paragraph 4 ElektroG (new)
The Electrical and Electronic Equipment Act (ElektroG) contains a large number of requirements for the
Handling electrical and electronic equipment. Here are the most important regulations that apply to you:
- Separate collection of old devices

Electrical and electronic equipment that has become waste is known as waste equipment and
must be disposed of separately, which means that this product must not be disposed of with normal household waste at the end of its service life, 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.

With the reuse, material recycling or other forms of recycling
By disposing of old devices, you are making an important contribution to protecting our environment. Please inquire at
the municipal administration the responsible disposal point.
- Batteries and accumulators as well as lamps
Owners of old devices have old batteries and accumulators that are not installed in the old device, usually separated from the old device before handing it in at a collection point.
- Possibilities of returning old devices
Owners of old devices from private households can hand them in free of charge to the collection points of the public waste disposal authorities or to the take-back points set up by manufacturers or distributors within the meaning of the ElektroG.
There is also the possibility of free return at collection points
Distributors regardless of the purchase of a new device for such old devices that have no external are larger than 25 centimetres, limited to three old devices per type of device.

4. Guarantee, warranty: the statutory provisions apply. There is none

Warranty claims for damage caused by non-observance of the operating instructions (abbreviated and
online instructions) arise. Liabilities or further claims, in particular
personal injury or damage to property caused by replacement outside of the device
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" radio devices DSR-2300+DWR-2000+DGR-2000 (RSL870R+RSN9062R+RSN914R) are in accordance with the basic requirements and the other relevant provisions of Directive 2014/53/EU.
Declarations of Conformity online at: https://www.diw-gmbh.de/DIW-Punkt/DP_Download.html
Errors, changes in design and technical data without prior notice remain in Subject to constant product improvements (06-2022). Made in China.
Importer:
DIW Dipl.-Ing. Weber office equipment GmbH,
Balanstrasse 89b, 81539 Munich.
WEEE Reg. No.: DE47592106
LUCID Reg No.: DE4746603811223

Quick User Guide - Connector DSR-2300 + Wifi connector DWR-2000 + gateway connector DGR-2000
(RSL870R+RSN9062R+RSN914R)

Intended use: The radio plugs wirelessly switch a consumer ON and OFF in connection with any radio transmitter of the DIW radio system.

The radio plugs are plugged into any socket (230 V/AC, 50 Hz). The consumer to be switched is plugged into the wireless connector.

The maximum switching load is 2300W for the DSR-2300 and 2000W for DGR-2000 + DWR-2000.

The DWR-2000 and DGR-2000 models can be controlled both with a radio transmitter and via WLAN with a mobile phone or tablet. Timers and schedules can be set up. Voice control is also possible via ALEXA or Google Home. The DGR-2000 model is a radio switch, WiFi switch and gateway in one device. It can convert incoming WiFi signals into radio signals, which can then also control non-WiFi-enabled wireless switches.

=> this is how you couple the radio plug DSR-2300 with a transmitter:

=> press and hold the learn button on the wireless connector (longer than 3 seconds) until the button's LED flashes. This indicates that the wireless outlet switch is ready to be paired with a remote control. The flashing learning mode ends automatically after approx. 15 seconds.

=> To learn, during the learning mode, press the "ON" button of the transmitter you want to use to switch the connector (longer than 3 seconds) until the LED stops flashing and stays on. The transmitter is now learned and you can switch with it.

=> To delete a learned code, press the "OFF" button instead of the "ON" button.

To delete all learned codes, press the flashing button on the connector again during learning mode until the LED goes out. All codes are cleared.

If you want to learn more transmitters, start again at point 1. You can learn up to 10 different transmitters so that you can switch from different places.

For other transmitters (motion detector, magnetic sensor), please refer to their description.

During the initial start-up, the programming mode is also activated when the plug is plugged into a socket (LED flashes). A radio wall transmitter or a radio remote control can now be taught (ON) or deleted (OFF) within approx. 15 seconds.

=> how to pair the WiFi connector DWR-2000 with a handheld / wall transmitter:

1.) To start the learning mode, plug the wireless socket switch into a household socket. The button's LED starts flashing green with a red component.

2.) During this time (LED flashes with a red portion), press the "ON" button on the hand-held or wall-mounted transmitter (for longer than 3 seconds) until the red portion of the LED stops flashing. The learning was successful. Green keeps flashing, showing readiness for WiFi pairing.

If you want to learn more transmitters (max. 10), start again at point 1.

=> How to delete the code of a handheld or wall transmitter on the DWR-2000:

Plug the wireless socket switch into a household socket. The combination button with the LED starts flashing green and a red component also flashes for approx. 15 seconds. If the red component flashes, press the "OFF" button on the hand-held or wall-mounted transmitter (longer than 3 seconds) until the red LED goes out. The code has been successfully cleared.

=> How to pair the WiFi/Gateway connector DGR-2000 with a transmitter:

1.) If the green LED of the button flashes slowly, the plug is switched OFF.

If you now press the button briefly, the socket is switched on. The LED lights up continuously.

=> If the LED lights up continuously, press the button (longer than 3 seconds) until the LED starts flashing. Now the socket is in learning mode.

=> To learn, press the "ON" button on the transmitter (longer than 3 seconds) until the LED stops flashing and remains lit. The transmitter is now learned.

=> To delete a learned code, press the "OFF" button instead of the "ON" button.

Green keeps flashing for WiFi pairing. Learn more transmitters (max. 10): start again at 1.)

For information on how to transmit an "ON" impulse for teaching with other transmitters, please refer to the respective operating instructions for the transmitter used. A "learn button" is often available.

Switching on and off using the button on the built-in wireless switch

For a function test, the wireless built-in switch can also be switched on (LED is on) or off (LED is off) by briefly pressing the button on the receiver. Operation: button" is available.

Specifications…..:	DSR-2300 (radio only)	DWR-2300 (+WiFi)	DGR-2000 (+Gateway)
Operating voltage…..:	230V/50Hz	230V/50Hz	230V/50Hz
Switching capacity….:	2300W (resistive load)	2000W (resistive load)	2000W (resistive load)
Switching capacity….:	600W (inductive load)	500W (inductive load)	500W (inductive load)
Ambient temperature:	0° to 35°C	0° to 35°C	0° to 35°C
Range (free field)…..:	up to 40m	up to 40m with radio and	15m with WLAN
Transmission frequence.:	433.92 MHz	433.92 MHz	433.92 MHz
WiFi 2.4GHz only…..:	-------	802.11 b/g/n	802.11 b/g/n
Dimensions (WxHxD):	45 x 45 x 60 mm	45 x 45 x 60 mm	45 x 45 x 60 mm

Do not plug in a row! The adapter must be installed close to the device and be easily accessible! Observe the safety instructions overleaf!

WiFi configuration of the "RS-SmartHome" app:

① Download and install the "RS-SmartHome" APP from the App Store or Google Play Store, or scan the QR code to guide you through the app installation process.

② Add the device (gateway or WiFi socket).

a.The green Wifi indicator flashes (flashes once per second) after powering on for the first use, and the device enters the quick network configuration status (EZ mode).

b.Tap "+" and choose the quick network configuration mode to follow the prompt in the APP.

c. If the device does not connect to the app within 5 minutes, the device will exit the network distribution status automatically, the green Wifi indicator will stop flashing. If you need to configure the network again, press the button again for more than 3 seconds or turn on the device, the green Wifi indicator will flash again and you can continue as above.

③Reset network configuration

Press the button for more than three seconds or turn on the device, the green Wifi indicator flashes (once per second), and the device enters the quick network configuration (EZ mode).

Notes: If the device fails to connect to the internet via EZ mode, you can also choose AP mode to continue. When the device enters EZ mode, press and hold the button more than 3 seconds to enter AP network configuration mode (the green Wifi indicator flashes quickly, it flashes once in 0.1 seconds). If you want to return to EZ mode, just press the button again for more than three seconds.

For the APP, see also the detailed description "man_RS-SmartHome.pdf"