



## MBW BLUE

Bluetooth radio receiver



### Your benefits

- Bluetooth wireless communication between radio receiver and tablet PC:  
**Secure and reliable data transferral**
- Integrated, powerful rechargeable battery:  
**Uninterrupted operating period of 10 hours**

### Applications

- Radio receiver for mobile acquisition of meter data for water and gas meters with a radio module
- In combination with a mobile readout system, a complete solution is offered for «walk-by» or «drive-by» meter readout without having to physically access the meters

### Properties

- Radio receiver for reception of GWF radio modules with 868 MHz
- Internal memory for the last 256 received telegrams
- Easy operation with only one button
- In combination with the mobile meter reading system MEx Mobile more than 250 meters can be read out in 30 minutes.
- Meter with a radio module can be read out conveniently (e.g. from a moving vehicle) using the portable MBW BLUE radio receiver. If the MBW BLUE is in a reception range of a radio module, the data received from the meter is saved in the internal memory and transferred to the mobile readout unit via Bluetooth radio link. On the readout unit, the meter data is assigned to the customer and saved.

# Technical Data

## Dimensions and weights

Dimensions	160 x 80 x 40 mm (without antenna)
Weight	app. 300 g

## Application area

Temperature	-5 to + 55 °C
Protection class	IP64

## Interfaces

Radio frequency	868,95 MHz
Bluetooth frequency	2,4 GHz
Bluetooth interface profile	serial
Bluetooth transmission rate	115'200 baud, range 10 m

A corresponding readout unit with Bluetooth interface is essential.

## Rechargeable battery operation

The radio receiver can be charged using a USB-C cable (not included). Readout duration per charge app. 10 hours.

## Operation

Button	Easy operation with one button
Status display (4 LEDs)	<ul style="list-style-type: none"><li>- Mains power connected</li><li>- Bluetooth connected</li><li>- Unit switched on</li><li>- Valid radio telegram</li><li>- Invalid radio telegram</li></ul>

## Option

Car antenna set

# Components

Water and gas meters



Radio module RCM® split



Radio receiver MBW BLUE



Mobile read out unit tablet PC with Bluetooth



# Application

## UDRIVE solution

UDRIVE is a digital product developed by GWF AG that aims to offer an easy and seamless solution for **collecting the readouts of your meters via radio**. This **multi-energy solution** is working with a wide range of meters that are Wireless M-Bus. UDRIVE is perfectly adapted for the billing purposes of municipalities or energy providers and is able to work with many ERP system. This application is working together with the INFINIO platform.

