



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

Application

- 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

Features

- Radio receiver for reception of GWF radio modules with 868MHz
- 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.

Components

Water and gas meters



Radio module RCM® split



Radio receiver MBW BLUE



Mobile read out unit tablet PC with Bluetooth



Technical Data

Dimensions and weight

Dimensions	160x80x40mm (without antenna)
Weight	app. 300g

Application area

Temperature	-5 to +55°C
Protection class	IP64

Interfaces

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

A corresponding readout unit with Bluetooth interface is essential.

Rechargeable battery operation

The radio receiver can be charged with the charger supplied.
Readout duration per charge app. 10 hours

Operation

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

Option

Car antenna set

Application

MEx Mobile – Meter pit readout by radio

Meter pit readout without the need to open the manhole cover – the GWFcoder® meter with GWF radio module sends the meter data to the radio receiver.

Important:

GWF can supply an absolutely flood-proof solution with the IP68 version GWFcoder® register and GWF radio module IP68, specifically for pit installation readout.

