



Amplify radio signals from Comfion system components - simply and securely with the Comfion radio repeater

Effectively amplify radio signals

In some houses or apartments, the building is structured in such a way that radio signals are impaired. With the Comfion radio repeater, the radio signals of up to ten system components can be effectively amplified.

Connecting repeaters in series

Even in particularly large or angled buildings, sufficiently strong radio signals can be transmitted: Two radio repeaters are used in series for this purpose. For a range of up to 2,600 meters (measured in free field).

12V power supply - emergency power buffered

The Comfion radio repeater is powered by a 12V power supply unit. Convenient: In the event of a power failure, the repeater has an emergency power buffer so that it can continue to work for a while.

Technologies

- Radio repeater that amplifies the radio signal where the building structure interferes
 - The repeater amplifies the radio signal of up to ten wireless components
 - Up to two repeaters can be used in series – for an even greater range of up to 2,600 m (free field)
 - Secure radio connection to the Comfion alarm control panel with long range. Strong tamper protection as in online banking (AES128 encryption)
 - Power supply via a 12 V power supply unit and emergency power buffer in the event of a power failure
 - Very safe and reliable thanks to EN50131 Grade-2 certification
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Comfion Wireless-Repeater

Art.-Nr. FUM080100

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Technical data - Comfion Wireless-Repeater

Battery - GRS type	LiPo Battery
Battery - quantity	1
Battery type	Battery-pack (LiPo) 7.4V / 1,700mAh
Certifications	EN 50131 Grade 2; VSÖ
Compatible with	Comfion
Connections	12V DC Terminal
DC power supply	12 V
Dimensions	190 x 130 x 31 mm
Display type	LED
EN	Level 2
Environmental class	II
Gross weight	0.325 kg
Height	31 mm
Housing material	Plastic
Length	130 mm
Max. Air humidity	85 %
Max. Emergency power runtime	12 h
Max. Operating temperature	45 °C
Max. Receive range (free field)	1,000 m
Max. Transmit range (free field)	1,000 m
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0.316 kg
Programming 1	Comfion App
Protection class IK	6
Radio frequency	868 MHz
Radio power	25 mW
Rechargeable battery	Yes
Security gradient	2
Tamper monitoring	Yes
Voltage monitoring	Yes
WEEE group	09
width	190 mm