Easy to connect to existing alarm system
Programmable input function
Built-in real-time clock

mBox Radio Transmitter

The mBox Radio Transmitter can be used to supplement conventional alarm devices such as fixed alarm transmitters with wireless alternatives. When an individual in care is unable to press a portable alarm button a disability aid can easily be connected to the mBox Radio Transmitter and can then be attached to a wheelchair or bed. mBox Radio Transmitter is easy to connect to both CareTech's internal system and to CareTech's various carephones and alarm transmitters. It can also be connected to existing alarm systems, which offers a high degree of flexibility for staff and for individuals in care.

At CareTech we develop our products and solutions in collaboration with customers and users. CareTech products and know-how offer users, care staff and relatives a reassuring complete solution that gives them extra peace of mind.

mBox Radio Transmitter

mBox is a radio transmitter for use indoors in wireless alarm systems. mBox has extremely low power consumption. It can be connected to a central power supply or be battery-operated, which gives it a runtime of 6–24 months depending on function and usage. mBox can also be used in the following applications:

• Radio receiver.

• Repeater.

• Door alarm.

• Input/output unit.

Under the cover is a function selector switch. A red/green LED indicates status.

Technical data

Power supply	9–30 VDC or 2 x 1.5 V LR06 (AA) alkaline batteries
Power consumption (battery operation)	45 µA in radio box/door alarm mode 25 mA when input is activated (3 seconds) 100 µA in receiver mode 70 mA when output is activated
Battery alarm	Automatic
Power consumption	30 mA in normal mode (external supply) 100 mA when output is activated
Radio	Long-term station keeping, broadband: 868.35 MHz
No. of radio transmitters	Up to 8 per output
Data bus	RS-485
Outputs	2 relay outputs, one of which is switching Max. 1 A/30 VDC
Inputs	2, opening/closing function, programmable alarm types
Dimensions	110 x 70 x 25 mm
Temperature range	0–40°C
For more information	See Technical Manual
Article number	1-52008A

Approval

$C \in$-marked. Complies with relevant standards.

Manufactured in accordance with the new RoHS directive, 2002/95/EC

(Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment)