

 CareTech®

Call for care

Easy to install and operate  
Can be used at home or in care accommodation  
Automatic timer control



## mBox Door Alarm

The mBox Door Alarm is very easy to install and is completely wireless. A small magnet is attached to the door, and the transmitter itself is attached to the door frame. A built-in timer makes it possible to set the alarm for automatic operation at certain times. The mBox Door Alarm alerts carers if an individual with dementia leaves the accommodation, while authorized staff can simply press the bypass button to pass without activating the alarm. The Door Alarm can be connected to both CareTech's internal system and to CareTech's various carephones.

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 Door Alarm

Choose between wireless or wired connection. 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.
- Radio transmitter.
- Repeater.
- Input/output unit.

Under the cover is a function selector switch. A red/green LED indicates status. Magnetic switch should be ordered separately: article number 1200-MKT440.



## Technical data

Power supply	9–30 VDC or 2 x 1.5 V LR06 (AA) alkaline batteries
Power consumption (battery operation)	45 $\mu$ A in radio box/door alarm mode 25 mA when input is activated (3 seconds) 100 $\mu$ A 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: <b>433Mhz</b>
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

CE-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)

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