

# Comfion wireless keypad Mifare DESFire

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#### Overview and control at all times

With the Comfion Mifare DESFire wireless keypad, you can control your alarm system easily and securely - perfect for your home. The large, illuminated LCD display shows you the current system status at all times and reliably warns you of faults. This means you always have an overview and feel completely protected.

#### Simple and secure operation

Operation is child's play: the capacitive keypad reacts sensitively to touch, and you can even arm and disarm your alarm system without touching it with modern RFID technology (Mifare DESFire). For even more security, access control can be combined with two-factor authentication. In addition, you can control up to three home automations directly via the keypad - so that your home is not only secure, but also convenient.

### Intelligent display functions and emergency protection

The display activates automatically as soon as you approach and adjusts its brightness depending on the ambient light. For emergencies, there is a panic function that you can trigger using a numerical code - a reassuring plus in terms of security. The integrated signalling device (piezo element) warns you acoustically when an alarm is triggered.

### Reliable wireless connection and flexible power supply

Thanks to the wireless range of up to 1,000 metres in free field, you are also optimally networked in larger buildings. Power is supplied either via long-life batteries with a service life of up to two years or via an optional mains adapter so your system remains ready for use at all times.

#### Professional security for your home

The Comfion wireless keypad fulfils the highest security standards and is certified to EN 50131 Grade 2 - so that your home is professionally protected. Rely on intelligent technology that offers you security and convenience in one.



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### **Technologies**

- Large, illuminated LCD shows the system status and warnings at all times full control at a glance
- Convenient operation via capacitive keypad or secure via RFID (Mifare DESFire) 2-factor authentication also possible
- Up to 3 programmable home automations more than just alarm control
- Integrated piezo element warns acoustically in the event of an alarm directly and reliably
- Display is automatically activated by proximity sensor, adjusts brightness thanks to sensor round-the-clock operating convenience
- Hold-up and panic alarm via defined numerical code additional security for emergencies
- Flexible power supply: 2 years battery operation or mains adapter (optional)
- Extra-long wireless range up to 1,000 m in open field reliable connection with Comfion radio mode
- EN 50131 Grade 2 certified professional security for your home

### Technical data - Comfion wireless keypad Mifare DESFire

AC voltage supply Area of application Battery - battery operation Battery - max. battery life Battery - quantity  Battery - type CR123A, 3V Lithium Certifications EN 50131 Gr. 2; VSÖ Colour White Compatible with Comfion Connections 12V DC Terminals Depth Jis x 176 x 35 mm Dimensions 115 x 176 x 35 mm Display LCO (144 x 32px), LED EN Level 2 Environmental class II Fuse protection type Intrusion protection Gross weight O,344 kg Height Housing material ASA IP protection class II yes (not according to EN 50131)		
Battery - battery operation  Battery - max. battery life  Battery - quantity  Battery - type  CR123A, 3V Lithium  Certifications  EN 50131 Gr. 2; VSÖ  Colour  white  Compatible with  Comfion  Connections  12V DC Terminals  Depth  35 mm  Dimensions  115 x 176 x 35 mm  Display  LCD (144 x 32px), LED  EN  Level 2  Environmental class  II  Fuse protection type  Intrusion protection  Gross weight  0,344 kg  Height  176 mm  Housing material  ASA  IP protection class  54  Integrated siren  Ves  CR123A, 3V Lithium  2 y  EN 50131 Gr. 2; VSÖ  COIOU  White  COMFION  LOT 10 A SO  COMFION  LITHING A SO  LITHING A SO  LOT 10 A SO  LOT	AC voltage supply	12 V
Battery - max. battery life 2 y  Battery - quantity 4  Battery - type CR123A, 3V Lithium  Certifications EN 50131 Gr. 2; VSÖ  Colour white  Compatible with Comfion  Connections 12V DC Terminals  Depth 35 mm  Dimensions 115 x 176 x 35 mm  Display LCD (144 x 32px), LED  EN Level 2  Environmental class II  Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Area of application	Interior
Battery - quantity  Battery - type  CR123A, 3V Lithium  Certifications  EN 50131 Gr. 2; VSÖ  Colour  white  Compatible with  Comfion  Connections  12V DC Terminals  Depth  35 mm  Dimensions  115 x 176 x 35 mm  Display  LCD (144 x 32px), LED  EN  Level 2  Environmental class  II  Fuse protection type  Intrusion protection  Gross weight  Height  Housing material  ASA  IP protection class  Integrated siren  Verification  CR123A, 3V Lithium  LCR124A, 3V Lithium  Levio  Intrusion  Loudina  Intrusion  Loudina  Intrusion  Intrusi	Battery - battery operation	Yes
Battery - type CR123A, 3V Lithium  Certifications EN 50131 Gr. 2; VSÖ  Colour white  Compatible with Comfion  Connections 12V DC Terminals  Depth 35 mm  Dimensions 115 x 176 x 35 mm  Display LCD (144 x 32px), LED  EN Level 2  Environmental class II  Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Battery - max. battery life	2 y
Certifications EN 50131 Gr. 2; VSÖ  Colour white  Compatible with Comfion  Connections 12V DC Terminals  Depth 35 mm  Dimensions 115 x 176 x 35 mm  Display LCD (144 x 32px), LED  EN Level 2  Environmental class II  Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Battery - quantity	4
Colour white Compatible with Comfion Connections 12V DC Terminals Depth 35 mm Dimensions 115 x 176 x 35 mm Display LCD (144 x 32px), LED EN Level 2 Environmental class II Fuse protection type Intrusion protection Gross weight 0,344 kg Height 176 mm Housing material ASA IP protection class 54 Integrated siren yes (not according to EN 50131)	Battery - type	CR123A, 3V Lithium
Compatible with Connections 12V DC Terminals  Depth 35 mm  Dimensions 115 x 176 x 35 mm  Display LCD (144 x 32px), LED  EN Level 2 Environmental class II Fuse protection type Intrusion protection Gross weight 0,344 kg Height 176 mm  Housing material ASA IP protection class 54 Integrated siren  Comfion Comfion 12V DC Terminals 18  Integrated Siren  Comfion 12V DC Terminals 11  Integrated Siren  ASA IP protections 115 x 176 x 35 mm  Intrusion protection  Comfion 12V DC Terminals Integrated Siren  ASA IP protection class 115 x 176 x 35 mm  ASA IP protection class 12	Certifications	EN 50131 Gr. 2; VSÖ
Connections 12V DC Terminals  Depth 35 mm  Dimensions 115 x 176 x 35 mm  Display LCD (144 x 32px), LED  EN Level 2  Environmental class II  Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Colour	white
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Dimensions  115 x 176 x 35 mm  Display  LCD (144 x 32px), LED  EN  Level 2  Environmental class  II  Fuse protection type  Intrusion protection  Gross weight  0,344 kg  Height  176 mm  Housing material  ASA  IP protection class  54  Integrated siren  yes (not according to EN 50131)	Connections	12V DC Terminals
Display  EN  Level 2  Environmental class  II  Fuse protection type  Gross weight  Height  Housing material  ASA  IP protection class  ICD (144 x 32px), LED  Level 2  Intrusion protection  O,344 kg  Haight  ASA  IP protection class  54  Integrated siren  Level 2  Intrusion protection  ASA  SA  IP protection class  SA  Integrated siren  Level 2  Intrusion protection  ASA  Integrated siren  Level 2  Intrusion protection  ASA  Integrated siren  Level 2  Intrusion protection  Intrusi	Depth	35 mm
EN Level 2  Environmental class II  Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Dimensions	115 x 176 x 35 mm
Environmental class II  Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Display	LCD (144 x 32px), LED
Fuse protection type Intrusion protection  Gross weight 0,344 kg  Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	EN	Level 2
Gross weight 0,344 kg Height 176 mm Housing material ASA IP protection class 54 Integrated siren yes (not according to EN 50131)	Environmental class	
Height 176 mm  Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Fuse protection type	Intrusion protection
Housing material ASA  IP protection class 54  Integrated siren yes (not according to EN 50131)	Gross weight	0,344 kg
IP protection class 54 Integrated siren yes (not according to EN 50131)	Height	176 mm
Integrated siren yes (not according to EN 50131)	Housing material	ASA
	IP protection class	54
	Integrated siren	yes (not according to EN 50131)
Max. humidity 90 %	Max. humidity	90 %
Max. operating temperature 60 °C	Max. operating temperature	60 °C
Max. receiving range (free 1.000 m	Max. receiving range (free	1.000 m
field)	field)	



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## Technical data - Comfion wireless keypad Mifare DESFire

Max. transmission range (free	1.000 m
field)	
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,28 kg
Radio frequency	868 MHz
Radio power	25 mW
Reader type	Mifare DESfire EV1/EV2/EV3, Mifare Classic (optional)
Sabotage monitoring	Yes
Security level	2
Sensor type	PIR, Lux
Sound pressure	60 dB
Status display	Yes
Voltage monitoring	Yes
Width	115 mm