

## Advantage through innovation - SeCa CC100 PREMIUM

### CC100 PREMIUM radio fire alarm control panel

#### Function



The CC100 PREMIUM radio fire alarm control panel with integrated power adaptor manages 100 individually addressable system components in six freely selectable alarm zones. It has 3 potential-free, freely programmable relay outputs, an emergency power supply, dual detector interdependency. The CC100 PREMIUM control panel signals alarms and malfunctions acoustically and visually and monitors the radio communication and operation of all components continuously. The CC100 PREMIUM radio fire alarm control panel displays status reports from radio components according to EN 54-25 (can be set to 100 – 300 sec.). Acoustic signalling of alarms received from other detectors can be individually configured. The innovative radio technology allows a wireless network to be built automatically.

Item No.: 4200324.

#### System features

Unique to the SeCa CC100 PREMIUM are the ability to use model 100 cascable radio repeaters to quadruple the range, as well as special functions for project planning and commissioning. Using the automatic commissioning function, you can start a "search" and with the help of up to 6,000 signal strength measurements it determines all components' communication paths to the control panel. Successful commissioning gives you the security of a stable radio connection. In addition, the SeCa CC100 PREMIUM offers comprehensive service functions inspired by practical experience and the ideas of many installers. Among the most important: an integrated analyser, battery and signal strength testing, signal strength charts, commissioning and maintenance logs, event memory, and remote monitoring.

#### Areas of application

We recommend the SeCa CC100 PREMIUM for the following applications: Hotels and inns, retirement homes, youth hostels, military barracks, schools and preschools, offices and administrative buildings. The system can always be installed in compliance with the legal requirements for smoke detectors.

#### Technical data

Frequency:	Transmits via the ISM band
Broadcast technology:	bidirectional, synchronized synthesizer technology
Power supply:	230V AC/12V DC integrated power adaptor for the direct connection, cable with plug or direct connection
Emergency power supply:	8 x 1.5V LR 6 for approx. 35 hours of emergency power, not counting alarm activations. Use only original batteries with a nominal capacity of at least 2,800 mAh (item No. 5100157) or high-quality, tested batteries.
Rated current:	type 55 mA (LED operation) at factory default and 100 system components
Power consumption, alarm:	max. 160 mA depending on type of operation
Relay contacts:	3 potential-free relay outputs, 30 V AC/DC and 1.0 A
Operating temperature:	0°C to + 60°C
Storage temperature:	-20°C to + 60°C
Humidity range:	max. 70% relative air humidity
Acoustic indicator:	Horn, 85 dB (at 1 m distance)
Optical display:	LCD display, LED display
Dimensions:	Height 170 mm, width 170 mm, depth 55 mm, weight 800 g
Material / colour:	Plastic, grey aluminium (RAL 9007)

SeCa reserve the right to make changes.