



DIGITAL QUARTZ SUPERHETERODYNE RADIO CONTROLS WITH ROLLING CODES

433 MHz "FM" "ROLLING CODE"

2⁶⁶ CODE COMBINATIONS

MEMORISATION VIA RADIO

AERIAL ANS400

AVAILABLE CHANNELS 1-4

RANGE 100 - 150 m

MORE THAN 268 MILLION PRE-CODED TRANSMITTER CODES (2²⁸)

An innovative radio control system that has gathered together a series of specific appliances under a single working protocol aimed at the remote control of automatic and security installations.

High-technology appliances, protected by robust and practical containers, easy to install and pleasing on the eye in the usual style of Cardin products.

Solutions for all possible uses: control of automatic installations for gates and doors, the command and control of automatic rolling shutters and sun blinds, the activation of alarm and access control systems as well as the activation of all ON-OFF or TIMER-CONTROLLED systems. Adopting the S449 as a command and control system for remote controlled installations, automatic gates and doors and security systems, doesn't just offer high levels of efficiency but also provides practicality for the user and an extremely useful and manageable appliance for the installer. A complete and secure system, the best today's technology has to offer, which has been designed and realised with the quality and attention to detail that only CARDIN products can provide.

The "key" to the system is the "simply unique" set of transmitters, made of anti-scratch, shockproof materials that are compact and easy to use. They are available in the following versions: pocket size with 1-2-3-4 channels and wall mounted with four available functions working from a fixed position. The single button radio controls (1 channel) are suitable for alarm systems and access control. The practical and efficient three button radio controls specially designed to command rolling shutters and sun blinds allow the functions open, close and stop to be immediately identified.

A clip is available allowing the insertion of a transponder into the transmitter unit.

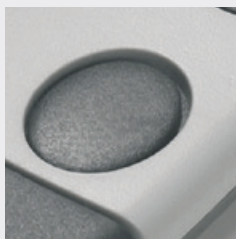
TXQ449400



SELF-LEARNING



MEMO RADIO - KEY LOCK



ERGONOMIC BUTTONS



COMPACT CASE



LITHIUM BATTERY

PRODUCT DESCRIPTION

ORDER NR.

TRANSMITTERS

Container in shockproof plastic material.
 3V lithium battery power supply CR2032.
 Lots of 10 pieces
 Overall dimensions 34 x 72 x 11

1-CHANNEL TRANSMITTER

TXQ449100

2-CHANNEL TRANSMITTER

TXQ449200

3-CHANNEL TRANSMITTER

TXQ449300

4-CHANNEL TRANSMITTER

TXQ449400



2-CHANNEL PRECODED TRANSMITTER *

TXQ4492P0

4-CHANNEL PRECODED TRANSMITTER *

TXQ4494P0

* Minimum lots of 500 pieces.

4-CHANNEL TRANSMITTER

TXQ44940M

Container in shockproof plastic material.
 3V lithium battery power supply CR2032.
 Wall mounting.

Lots of 5 pieces
 Overall dimensions 72 x 72 x 15



NUMERICAL CODE KEYPAD VIA RADIO

SSB-T9K4

Container in shockproof polycarbonate IP57.
 6 V lithium battery power supply 2 x CR2032 (KITSSB-T9K4-1).

Number of code available combinations: 1.000.000.
 Possibility of memorising up to 250 user codes.
 Manages up to 4 distinct functions and communicates with all S449 standard receivers.

Lots of 5 pieces
 Overall dimensions 72 x 115 x 28





DIGITAL QUARTZ SUPERHETERODYNE RADIO CONTROLS WITH ROLLING CODES

RECEIVERS

The receivers are available in all the classic Cardin versions: outdoor receivers 12-24V. with display, with LCD display and GSM functions, 230V radio programmers in watertight cases with flip up access covers, multiprotocol interface decoding in indoor boxes, mini receiver units to be installed in appliances which already have a protective casing and slot-in receiver cards for direct insertion into host appliances designed to receive them.

- outdoor receiver with LCD display and GSM functions,
- outdoor receivers,
- outdoor receiver with display,
- outdoor radio programmer,
- 2-channel mini receiver,
- 2-channel slot-in receiver cards.

RCQ449GSM

All weather box in
ABS - IP55

OUTDOOR RECEIVER WITH LCD DISPLAY AND GSM-GPRS FUNCTIONS

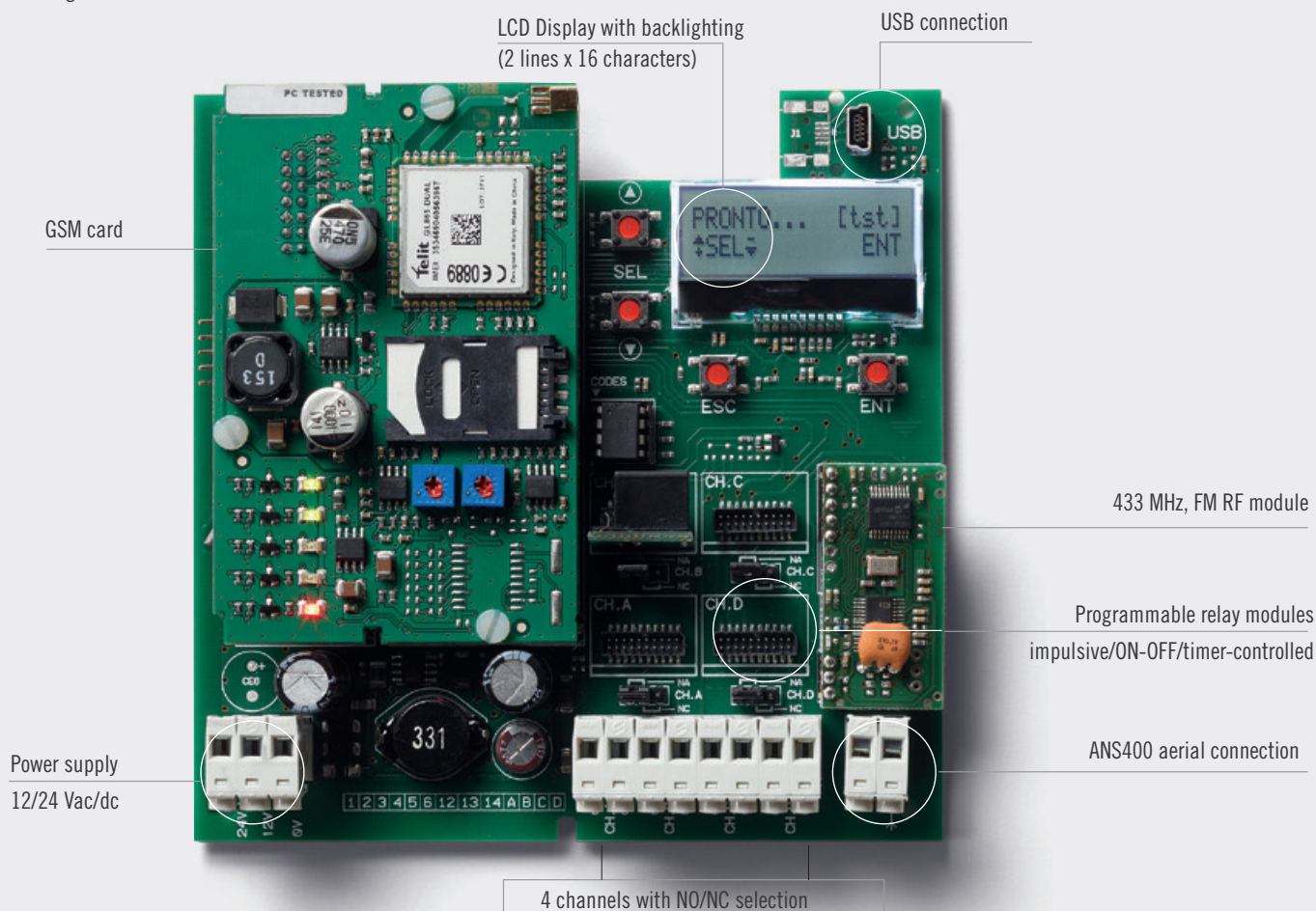
The GSM receiver with display and ABS IP55 container is fitted with a 13-way terminal board with a 12/24V ac-dc electrical connections between binding posts 1-2-3

The alphanumeric display allows all settings to be made by navigating within an easy to use menu. The receiver can be fitted with up to four programmable relay modules (impulsive/ON-OFF/timer control) with output contacts that can be set to NO or NC via jumpers.

The USB connection allows the user memory to be managed through the use of PGM449SW software that can be downloaded from www.cardin.it.

The GSM module allows the remote management of the user memory and the outputs through a mobile communications network.

Overall dimensions 135 x 175 x 85



PRODUCT DESCRIPTION	ORDER NR.
GSM-GPRS RECEIVER WITH LCD DISPLAY (12/24 Vac-dc)	RCQ449GSM
<p>All weather box in ABS - IP55</p> <p>The receiver can be fitted with up to four programmable relay modules (impulsive, ON-OFF or TIMER-CONTROLLED).</p> <p>Possibility of memorising up to 3000 codes</p> <p>USB connection and GSM-GPRS module for remote user and activation of the output relays.</p> <p>Overall dimensions 135 x 175 x 85</p>	
MODEM FOR GSM RECEIVER WITH DISPLAY	MGSMGL6110USB
<p>The modem allows the installation to be remotely connected via the software PGM449SW supplied with the receiver or downloadable free of charge from the Cardin website.</p>	
OUTDOOR RECEIVER (12/24 Vac-dc)	RCQ449100
<p>All weather box in ABS - IP44</p> <p>The unit can be fitted with up to four interchangeable relay modules N.O. or N.C.</p> <p>1 relay inserted.</p> <p>Possibility of memorising up to 300 codes.</p> <p>Lots of 5 pieces</p> <p>Overall dimensions 110 x 110 x 33</p>	
OUTDOOR RECEIVER WITH DISPLAY (12/24 Vac-dc)	RCQ449D00
<p>All weather box in ABS - IP44</p> <p>The receiver can be fitted with up to four programmable relay modules (impulsive, ON-OFF or TIMER-CONTROLLED).</p> <p>Possibility of memorising up to 1000 codes.</p> <p>Lots of 5 pieces</p> <p>Overall dimensions 110 x 110 x 33</p>	
2-CHANNEL MINI RECEIVER (12/24 Vac-dc)	RQM449200
<p>Electronic circuit with a 10-way terminal block; Indoor box IP20.</p> <p>Supplied with 2 impulsive relays.</p> <p>Possibility of memorising up to 300 codes.</p> <p>Lots of 5 pieces</p> <p>Overall dimensions 95 x 75 x 25</p>	
2-CHANNEL SLOT-IN RECEIVER CARD (24 Vac-dc)	RSQ449200
<p>Receiver card for direct insertion into a host appliance designed to receive it.</p> <p>Supplied with 2 impulsive relays.</p> <p>Possibility of memorising up to 300 codes.</p> <p>Lots of 5 pieces</p> <p>Overall dimensions 70 x 52 x 20</p>	
QUARTZ RECEIVER MODULE 433 MHZ	YRF433QFMDG0
<p>Superheterodyne in FM with a digital filter.</p> <p>RF module without decoder suitable for receiving and transmitting digital signals.</p> <p>Voltage: 5 Vdc - Electrical input: 15 mA</p> <p>Overall dimensions 40 x 20 x 13</p>	



**S449****PRODUCT DESCRIPTION****ORDER NR.****RADIOPROGRAMMERS**

All weather box in ABS - IP55
Power supply 230 Vac.
Lots of 5 pieces
Overall dimensions 139 x 115 x 44

RADIOPROGRAMMERS FOR ROLLING GRILLS (600 W)**RPQ449**

Logic integrated into the receiver and output for the control of one motor.
Power supply output for a pair of Cardin photoelectric cells.
Possibility of memorising up to 20 transmitters.

RADIOPROGRAMMER ON/OFF + TIMER (2000 W)**RPQ449ITO**

For specific uses such as the remote control of external (gardens) and internal lighting; the remote control of power sockets. Terminal board connections; sequential command input and a control button that can be linked to a light detection device so making sure that the lights do not switch on during the day.
Possibility of memorising up to 300 user codes.
Timer settings: from 1 min. to 9 hrs. 59 min.

**RADIOPROGRAMMERS FOR ROLLING SHUTTERS (400 W)****RP449RNAO**

Indoor box IP43.
Power supply 230 Vac.
Overall dimensions 120 x 85 x 20

The radio programmer allows the remote control of one single phase motor and finds its best use in the command of automatic rolling shutters. The appliance is designed for the connection of an anemometer.

**RADIOPROGRAMMERS FOR SUN BLINDS AND AWNINGS (450 W)****RP449BNAO**

(special for square tube rollers 40 x 40 mm)
Indoor box IP20.
Power supply 230 Vac.
Overall dimensions 280 x 32 x 32

The radio programmer allows the remote control of one single phase motor and finds its best use in the command of automatic sun blinds and awnings. The appliance is designed for the connection of an anemometer.

**ANEMOMETER****SW01**

Wind speed sensor (with wall bracket).
The wind sensor can be used with all electronic devices that feature a potential free "anemometer" contact.

Overall dimensions 240 x 220 x 71



PRODUCT DESCRIPTION

ORDER NR.

HAND-HELD PDA PROGRAMMER

PGM449

User code programming system that can be interfaced with a personal computer. It allows you to manage transmitter codes in the receivers memory without having to activate the transmitters one by one. The transmitters pre-coded in blocks can be memorised rapidly in multi-user systems which require the use of many transmitters. You can manage the replacement of a transmitter lost by the user using remote programming. Complete with interface cables, external power unit and CD-ROM software.

TECHNICAL DATA

Carrier frequency	433,92 MHz
Internal power supply (battery)	9 Vdc
External power supply	12 Vac-dc
Illuminated background display	16 characters x 4 lines
Maximum number of reserved KEY449 codes	2000



RESERVED CODE PROGRAMMING KEY

KEY449

KEY449, when connected to the PC management software, expands the work capacity of the palm system by remotely adding one or more transmitters to the system.



MULTIPROTOCOL INTERFACE

RCQ449W00

The interface is able to decode a radio frequency signal coming from a Cardin S449 transmitter or via cable from a DKS250T and output a Wiegand/ISO-3554 and RS232 digital signal, containing the transmitter code, in 13 different formats. The interface also has an enable contact which can be wired to a timer or a normal switch allowing you to activate or deactivate the interface in different time bands. The RS232 serial interface allows you to connect the device to a personal computer using software supplied with the kit. Complete with an interface cable and CD-ROM software.

TECHNICAL DATA

Carrier frequency	433,92 MHz
Power supply	12/24 Vac-dc
Electrical input	20 mA
Overall dimensions	120 x 85 x 20



TRANSPONDER CLIP

10 TRANSPONDER CLIPS (LIGHT GREY)

COVERTP-LG

10 TRANSPONDER CLIPS (DARK GREY)

COVERTP-DG



KEYPAD COVERS

10 2-CHANNEL KEYPAD COVERS WITH 5 DIFFERENT COLOURS

COVERMIX200

10 4-CHANNEL KEYPAD COVERS WITH 5 DIFFERENT COLOURS

COVERMIX400

