



SEA

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Anti-Vandal Radio Controlled 433.92 Mhz Digital switch



||| English |||

Anit-Vandal Radio Controlled 433.93 Mhz Digital switch
 (code. 23105166)

KEYPAD DRAWING

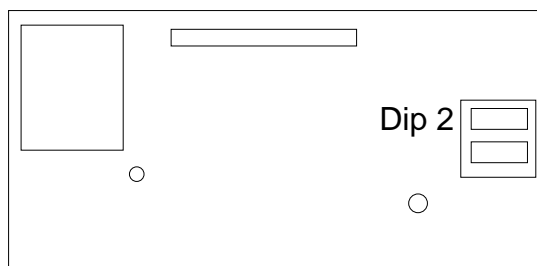


Fig 1

Cn 1 - Connection line for the Key pad

Dip1 - Dip switch to activate the ley pad block at third mistake (ON = active, OFF = non active)

Dip2 - Dip switch to active code "0" (Zero) - (ON = active, OFF = normal function)

This system is the sum of two opening systems, the rolling coed radio transmitter at 433.92 Mhz and the Keyboard decoder SEA. It is therefore very safe against effraction and vanadalism acts. In addition to this, because of the radio controlled system, there is no work to be done on the already existing installation.

the key pad is made of a resistant plexiglass panel with polycarbonate anti-scratch engraved buttons. The numbers are always visible due to the after lighting, activated by pushing any button. The key pad can stand the small damages caused to the frame by petty vandalic acts. An eventual burglar act does not allow the opening of the gate since the opening code transmitted depends on the microprocessor that controls the key pad. only the code dialled by the user allows an input to be sent to the radio receiver. The acoustic device in the key pad provides the following:

- a light sound at each button pressure to confirm that the command had been received;
- a two seconds lasting sound for the storing of the code (principal, access, previous access);
- 2 short acoustic signals in case of the code not valid.

INSTALLATION

An alkaline 9v operating battery must be fixed to the connection.

No external wiring to be carried out.

FUNCTIONING

- Put dip switch 2 ON
The access code will be forced to "0"
- Put dip switch 1 ON
The key pad will be disconnected after three mistakes in a row.
- Type the main code and push E (it's the confirming and code ending button). See note (*)
A sound lasting two second will be heard if the code is correct.
- Push E
A sound lasting two seconds will be heard again.
- Type the code you want to use as accessing code (maximum 8 digits) and push E.
A sound lasting two seconds will inform the user the new code has been memorised.
- Put Dip 2 OFF
- Memorise the rolling code on the receiver following the procedure as for radio-transmitters.
Instead of pushing the transmitters button it is necessary to type inn the correct code on the key board.

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if you make a mistake while dialling the code, you can push the “X” (erase) button before pushing E. After erasing (X) you can type the correct number. If you forget to push E, the key pad turns off after ten seconds. The key pad stays active for ten seconds after the wrong code has been entered. On the other hand when the code is correct the keypad sends a command via radio as if it were a radio-transmitter and immediately turns off. If dip 1 is ON, in case the code is typed wrongly three times, a 8 seconds warning beep is emitted and then the key pad turns off. All this guarantees safety against attempts of code entering by unauthorised people. If the key pad is off and the first button is not a number of the accessing code, it is not being read so that you can continue in the typing of the code. That is to avoid entering a wrong code when the keypad is not enough lighted.

(*) NOTE

The main code is printed on an adhesive label included in the package . It is advisable to store it in a safe place or stick it on the board of the electric control panel of the automation since it is one number only.

MODIFYING THE ACCESS CODE

- Type the main code followed by button E (see note)
A two second lasting sound will be heard if the code is correct.
- Type the so far used code followed by E
Another long sound will be heard
- Type the new access number (max 8 digits)
A new sound like the previous one will

SAFETY PRECAUTIONS

All electrical installation work should conform to current regulation. All low voltage controls (push buttons, photocells, radio etc.) cables should be run in separate ducts to prevent from mains interference.

SPARE PARTS

To obtain spare parts contact: **SEA (UK) LTD**

INTENDED USE

The 23105166 electronic device had been designed to be solely used as control unit for the automation of gates

SAFETY AND ENVIRONMENTAL COMPATIBILITY

We recommend not to spoil the environment with product and circuit packing material.

CONFORMITY REQUIREMENTS

The 23105166 electronic device conforms to the following:

- 1999/5/CE Regulation (R&TTE)
- ETS 300 683, ETS 300 200
- EN 60065

STORAGE TEMPERATURES			
T min	T max	Humidity min	Humidity max
-40°C	+85°C	5% no condensation	90% no condensation