

Description

The IR remote control is a device capable of performing the following functions:

- directly drive traditional devices with integrated IR receivers currently on our catalogue;
- interface to the SCS BUS using the receiver My Home, for the creation of controls for 1 relay actuators for single loads, and for 2 relay actuators for double loads (shutters motor etc.), adjust the dimmer, generate or recall scenarios saved in the scenario module, or operate sound systems and video door entry systems.

The IR remote control includes:

- 16 keys that may be lit individually by a blue LED.
- When a key is pressed, its light comes on and stays on until released, when the light gradually goes OFF;
- 16 windows for entering an icon representing the function saved by the pushbutton;
- a buzzer emitting an audible signal when the key is pressed
- a standard 3.5mm jack input, enabling the remote control to be used through a signal coming from a sensor for disabled people.

Related articles:

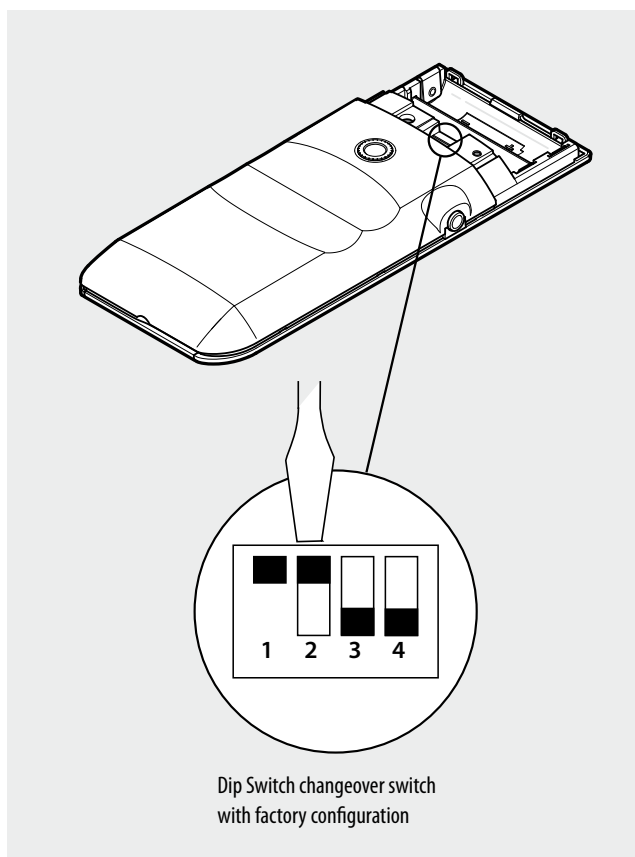
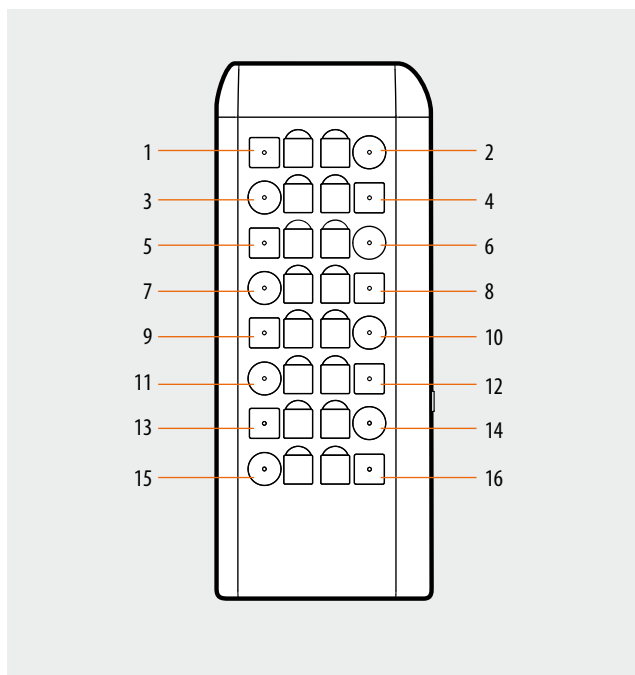
- L4425 traditional 1-channel receiver with relay output,
- L4426 traditional 2-channel receiver with output having 2 interlocked relays,
- BUS IR receiver L/N/NT4654N and HC/HS4654 and AMS834







Technical data

Power supply:	3 Vdc (2 AAA type, 1.5 V batteries)
Absorption:	such to ensure that the batteries will last for a period of 2 years, based on 100 pressures per day
Operating temperature:	5 – 35 °C
Frequency:	36.7 KHz in PCM modulation

Configuration

Inside the battery housing is a 4-way Dip Switch type changeover switch with two positions, for selecting the operating modes as indicated in the table.



Switch	Position	Operating mode
Switch 1		Up Key lighting = ON
		Down Key lighting = OFF
Switch 2		Up Audible signal = ON
		Down Audible signal = OFF
Switch 3		Up Programming of the key scanning speed for the disabled user function.
		Down Normal operation.

Remote control functions for disabled people

The radio control is provided with a 3.5 mm standard mono jack input for connecting a detector (for disabled people) and a screw connection for installation on wheelchair or on bedside. Thanks to signals issued by an external sensor, the main functions of the remote control can also be recalled by a disabled person (control devices that enable to recover the residual capacity of movement of a disabled person).

SCANNING OF KEYS - the first signal from the external sensor starts the remote control keys scanning sequence; the key reached by the scanning sequence may be identified by a luminous and/or audible signal.

KEY SELECTION - the second signal from the sensor stops the scanning sequence when the selected key is reached.

CONTROL ACTIVATION - the third signal from the sensor corresponds to a standard pressure of the selected key. A short pressure corresponds to the key being pressed for a short time, and then released; in case of extended pressure, the remote control will wait for a fourth signal from the sensor, which will be interpreted as the key being released. The time between the third and the fourth signal is interpreted as an extended pressure.



- If the control activation (third closing) does not occur within three times the selected scanning time, the scanning procedure starts again.
- Time out due to extended pressure from jack: 1 min.

The scanning time of each individual key may be changed whilst in **programming** mode.

- 1 - Move switch no. 3 to programming mode (UP).
- 2 - The first four keys light up.
- 3 - Press one of the lit keys to perform a scanning test to ascertain the associated time.

Scanning times are as follows:

Key 1 = 2 sec.

Key 2 = 1 sec.

Key 3 = 0.5 sec.

Key 4 = 0.3 sec.

- 4 - Press and hold down the key corresponding to the desired time for at least 2 seconds.
- 5 - The successful completion of the programming procedure is confirmed by the pressed key flashing
- 6 - Move switch no. 3 to normal operation mode (DOWN).

