

APE-152/4050

STICK RG

Plug-in receiver

Instruction manual

multifrequency universal receiver

GENERAL CONDITIONS



Dear Customer, thank you for purchasing our product. Please read this instruction manual carefully and keep it for future reference, as it contains important information regarding the device's operation and safety.

The descriptions and diagrams in this booklet are not binding. While maintaining the main characteristics of the equipment unchanged, the manufacturer reserves the right to update this booklet at any time and without obligation, for technical improvements or for any other commercial reason.

- The equipment must be used exclusively for its intended purposes. Any other use is considered improper and therefore dangerous.
- Keep children away from gate control devices. Do not allow children or animals to play or stand near the automation.
- Never leave the receiver near heat sources and never submerge in any liquid.

WARRANTY

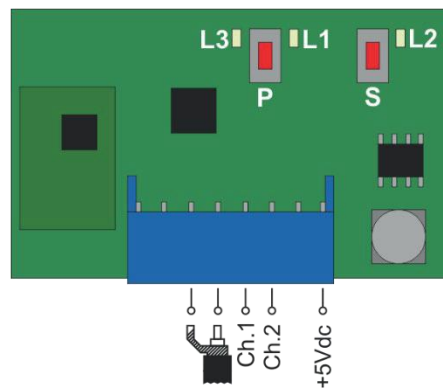
This product is covered by a 24-month warranty starting from the documented date of purchase. The warranty covers product malfunction caused by manufacturing defects; therefore, any faults resulting from negligence, improper use, tampering, or weather-related events are excluded. Tampered products will not be repaired.

The manufacturer doesn't assume liability for any damage to objects or people caused by improper use, wrongful application of the usage regulations and illegal uses. It doesn't answer for damage caused by inoperability or inefficiency of the device.

TECHNICAL SPECIFICATION

Operating Voltage	+5Vdc
Power absorption	Typical: 25mA / Max: 50mA
Channel number	2
Power output Ch1/Ch2	+3Vdc
Channel configuration	Bistable, Impulsive, Timer seconds, Timer minutes
Radio module	(433,92±868) MHz
Max number of stored codes	250
Dimensions	(49x31x11) mm
Operating temperature	-10°C / +50°C

- **+5Vdc**: positive power source
- **Ch1**: output channel1 (deactivated 0V / activated +3Vdc)
- **Ch2**: output channel2 (deactivated 0V / activated +3Vdc)
- **Antenna signal**: antenna input
- **Antenna shield /0V**: input antenna shield and ground (0V) of the receiver



RADIOCOMMAND RECORDING

RECORDING PROCEDURE FOR RADIOCOMMANDS ON CHANNEL1:

• ROLLING-CODE AND FIXED CODE RADIOCOMMANDS

- Press the receiver's **P** button, LED **L1** starts flashing.
- Place the radiocommand you want to record about 5cm away from the receiver then press and hold the radiocommand's button chosen until LED **L1**, **L2** and **L3** turn on, then **L2** will turn off and **L3** will start flashing according to the kind of code selected (see table).
- Repeat these steps for all the codes you need to record on the receiver's **Ch1**.

• ROLLING-CODE HCS RADIOCOMMANDS (BFT, FAAC/GENIUS, V2)

- Press the receiver's **P** button, LED **L1** starts flashing.
- Place the radiocommand you want to record about 5cm away from the receiver then press and hold the radiocommand's button chosen until LED **L1** stays lit.
- Release the button, **L1** will start flashing double. Now transmit the SEED code through the hidden button or button combination. If you don't know the procedure or can't transmit the SEED code, keep pressing the radiocommand's button, it'll be registered as a fixed code.
- Keep transmitting the SEED code until the receiver's LEDs **L1**, **L2** and **L3** stay lit, then **L2** will turn off and **L3** will start flashing according to the kind of code selected (see table).
- Repeat these steps for all the HCS codes you need to record on the receiver's **Ch1**.

RECORDING PROCEDURE FOR RADIOCOMMANDS ON CHANNEL2:

• ROLLING-CODE AND FIXED CODE RADIOCOMMANDS

- Press the receiver's **P** button twice, LED **L1** starts flashing.
- Place the radiocommand you want to record about 5cm away from the receiver then press and hold the radiocommand's button chosen until LED **L1**, **L2** and **L3** turn on, then **L2** will turn off and **L3** will start flashing according to the kind of code selected (see table).
- Repeat these steps for all the codes you need to record on the receiver's **Ch2**.

• ROLLING-CODE HCS RADIOCOMMANDS (BFT, FAAC/GENIUS, V2)

- Press the receiver's **P** button twice, LED **L2** starts flashing.
- Place the radiocommand you want to record about 5cm away from the receiver then press and hold the radiocommand's button chosen until LED **L2** stays lit.
- Release the button, **L2** will start flashing double. Now transmit the SEED code through the hidden button or button combination. If you don't know the procedure or can't transmit the SEED code, keep pressing the radiocommand's button, it'll be registered as a fixed code.
- Keep transmitting the SEED code until the receiver's LEDs **L1**, **L2** and **L3** stay lit, then **L2** will turn off and **L3** will start flashing according to the kind of code selected (see table).
- Repeat these steps for all the HCS codes you need to record on the receiver's **Ch2**.

NR FLASHES L3	TYPE
	ROLLING-CODE
	FIXED CODE

DELETE A RADIOCOMMAND

This function allows you to delete individually any of the radiocommands connected to the receiver.

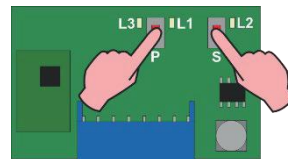
- Press the **P** button on the receiver, LED **L1** will start flashing, then press the **S** button.
- LEDs **L1**, **L2** and **L3** will emit a still light.
- Place the radiocommand you want to delete about 5cm away from the receiver, then press and hold the chosen button on the radiocommand until LEDs **L1**, **L2** and **L3** turn off.
- It could take a few seconds before the receiver identifies the right code.
- Repeat these steps for all the codes you want to individually delete.

COMPLETE RADIOCOMMAND RESET

This function allows you to delete all the radiocommands connected to the receiver.

 **WARNING!** This operation is irreversible, once deleted all the radiocommands must be once again recorded from scratch.

- Press and hold the **P** and **S** buttons together for about 10 seconds, until the LEDs **L1**, **L2** and **L3** all start flashing rapidly, then release the buttons.



CHANNEL MODE

The receiver's channels can be set up in four different modes:

- **Bistable:** the channel's status is maintained until there's a new input from a different recorded radiocommand. The channel activates at the first input, at the second it deactivates.
WARNING! In the absence of power, the channel will revert to its resting status, which is deactivation.
- **Impulsive** (factory setting): the channel is active while the associated button is held down, once released it deactivates.
WARNING! Potential signal disturbances could deactivate the channel even if the button is pressed.
- **Timer (seconds):** in this mode, you can set a timer (in seconds) after which the channel deactivates on its own. The factory settings put the timer at 30 seconds.
- **Timer (minutes):** in this mode, you can set a timer (in minutes) after which the channel deactivates on its own. The factory settings put the timer at 30 minutes.

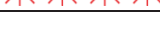
CHANNEL CONFIGURATIONS

CONFIGURATION CH1:

- By pressing the **S** button on the receiver, LED **L1** starts flashing according to the current working mode.
- Press the **P** button, each changes the mode to the next in the cycle (see table).

CONFIGURATION CH2:

- By pressing twice the **S** button on the receiver, LED **L2** starts flashing according to the current working mode.
- Press the **P** button, each changes the mode to the next in the cycle (see table).

NR BLINKS L1/L2	RELAY MODE
	BISTABLE
	IMPULSIVE
	TIMER (SECONDS)
	TIMER (MINUTES)

TIMER SETTINGS:

- While in time mode (seconds o minutes) hold the **S** button for about 2 seconds and wait for the LED (**L1** o **L2**) to start flashing regularly (on blink per second).
- Hold the **S** button and count the LED blinks, each blink is equivalent to one second/minute.
- Once reached the desired time, release the **S** button.

Example: count 5 LED blink to set the timer to 5 seconds/minutes according to the mode pre-selected.

ERROR CODES

L1	L2	L3	DESCRIPTION
Active	Flashing	Active	Code not found: during the deletion process, the radiocommand wasn't found. Check that it was previously recorded and try again.
Flashing	Active	Active	Code memory full: the receiver memory is full (250 codes). Delete one of the saved codes and try again.
Flashing	Deactivated	Active	Frequency memory full: there's a limited number of frequencies that can be saved on the receiver. Delete the radiocommands of a frequency not in use or record the radiocommands on a frequency that's already saved.

DECLARATION OF CONFORMITY AND DISPOSAL

With this the manufacturer declares that the plug-in receptor is compliant with the essential requisites established by the Directive 2014/53/EU. The complete certification is available in the archives of our offices.

Disposal of the materials must follow current regulations, and it's advised separating the waste by material (paper, plastic, electrical parts).



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