

RF SAW Transmitter with UM3750 Encoder

RF transmitter with SAW resonator, up to 4 channels. It is ideal for applications where codified controls, high efficiency and low extraneous emissions are required.

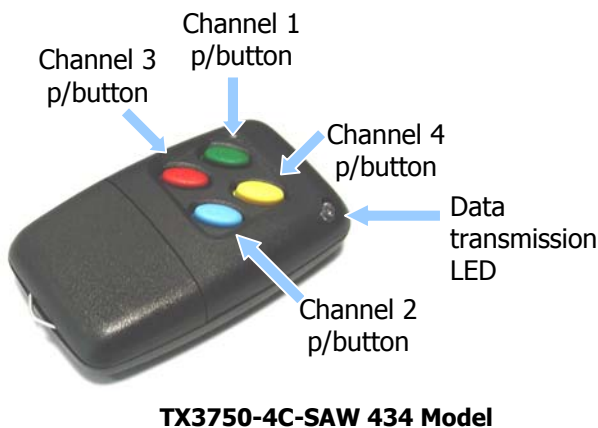
Available Models

TX3750-1C-SAW 434: 1 p/button transmitter
TX3750-2C-SAW 434: 2 p/buttons transmitter
TX3750-4C-SAW 434: 4 p/buttons transmitter



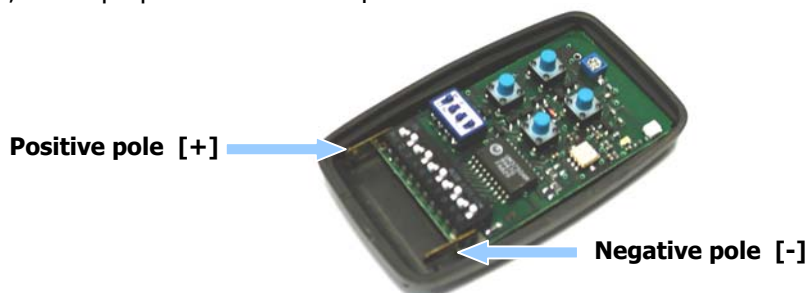
How to use

By pressing and releasing any of the provided push buttons (according to model) the code will be transmitted on the related channel.



Battery replacement

When the transmission LED light intensity is reduced, the supplying battery needs to be replaced. To this purpose loose the screw in the back side of the radiocontrol, and then carefully open the plastic shell. Once the old battery is removed, fit the new one (**V23A, 12 V model**) paying very much attention not to invert the polarity. Close back the transmitter's plastic shell paying attention not to damage the integrated circuit. Please do not waste the old battery in the environment but place it inside the containers provided at this purpose, for its proper and correct disposal.



AUREL shall not be deemed liable if product and related information are changed without notice. The Buyer shall be the sole responsible of the device use.

EC Reference

Inside the front half shell of the transmitter plastic container, there is a label which contains the device's identification data (product's name, manufacturer, feed voltage and power consumption).

[Internal]



Inside



Outside

[External]



Technical features

	Min	Typical	Max	Unity
Carrier's frequency		433.92 ± 0.15		MHz
Radiated power (E.R.P.)			0	dBm
Modulation		OOK (On Off Keying)		
Power consumption		7	15	mA
Operating temperature	-10		+55	°C
Dimensions	75 x 43.5 x 18.5 mm			

Regulations compliance

TX3750-1C-SAW 434, TX3750-2C-SAW 434 and TX3750-4C-SAW 434 transmitters comply with European Regulations ETS 300-220, ETS 300-683 and EN 60950.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice to user

1. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

The technical reports have been issued by the laboratory of the Company :
PRIMA RICERCA & SVILUPPO – via Campagna, 58 – 22020 Gaggino Faloppio (CO) - Italy.

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