

Universal radio receiver for motorised gate or garage door

ref. 500020



A - SAFETY INSTRUCTIONS

A1 - OPERATING PRECAUTIONS

- Do not allow children to operate the product.
- This product allows you to make any motorised gate or garage door compatible with a control device: 12 channel remote control, wall remote control, Thombox, etc.
- Ensure that you respect the polarity of the connection if the power supply provides direct current.

A2 - SERVICING AND CLEANING

- Disconnect from the mains before carrying out any work on the system.
- Your product does not require any specific maintenance.
- Use a soft, slightly damp cloth to clean your product.
- Do not use abrasive or corrosive substances.
- Do not spray any products directly onto the unit.

A3 - RECYCLING

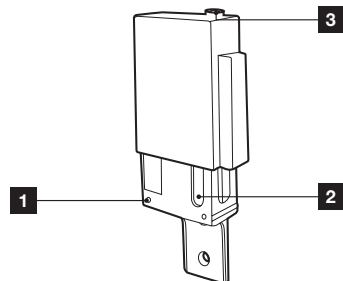


This logo denotes that devices which are no longer in use must not be disposed of as household waste as they are likely to contain hazardous substances which are dangerous to both health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.

B - PRODUCT DESCRIPTION

B1 - UNIVERSAL RADIO RECEIVER

Front



- | | |
|---|------------------------------|
| 1 | Pairing button and indicator |
| 2 | Terminal block |
| 3 | Base for included antenna |

C - ABOUT THE THOMBOX CONCEPT

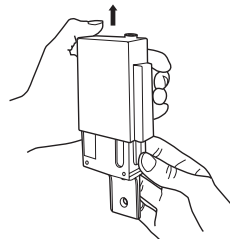
The Thombox is a home automation unit which connects to your ADSL modem (Freebox, Livebox, etc.) and enables you to manage your home security from any location as if you were using the actual alarm control unit at home or remotely. The system also allows you to control your comfort accessories (lighting, etc.), openers (shutter motors, garage doors, etc.) and manage your energy use (heating and electricity consumption) with just a few clicks on a computer, touchscreen tablet or smartphone, from anywhere in the world with an internet connection.

To enable the above and be able to create scenes (action sequences) which will simplify your day-to-day life, you need to register your Thombox (only when you first install it), and pair your ARW technology compatible accessories with it.

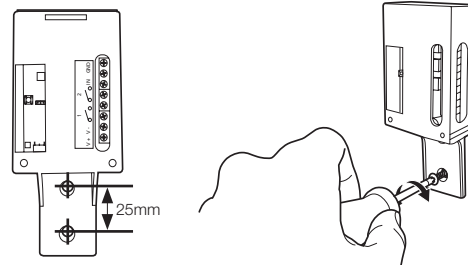
The Thombox is completely modular and there is no limit to the number of accessories it can control.

D - INSTALLATION

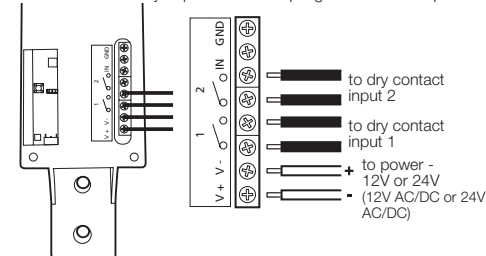
D1 - UNIVERSAL RADIO RECEIVER



Carefully unscrew the antenna then remove the top cover



Attach the internal section of the box to a surface (column, wall, etc.) We recommend that you place the box up high for better reception.



Identify the 12V or 24V power output on the drive to be equipped. After disconnecting the mains power, connect the output to the V- and V+ terminals on your receiver.

Identify the wired control input or inputs on the drive to connect one of the receiver outputs to it.

Note: before closing the receiver, temporarily screw in the antenna to facilitate pairing between the receiver and its control device.

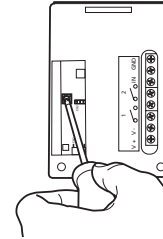
E - CONFIGURATION

E1 - PROGRAMMING

For the product to work, it must be paired with a control device from the range.

Please refer to the user guide for the device you wish to pair with your product.

During pairing, you will be asked to put the receiver into pairing mode. When asked to do so, hold down the pairing button on the module for at least 3 seconds then release.



F - USING THE PRODUCT

F1 - USING THE PRODUCT WITH ANY DEVICE

- You can control channels 1 and 2 from any device paired to the module. Please refer to the user guide for these paired devices to find out how to operate them. Please refer to the drive user guide to find out how it should react to the closure of the contact on channel 1 or 2.
- Example: if you are using a wall remote control, the 'on' command triggers channel 1, and the 'off' command triggers channel 2.

F2 - USING THE PRODUCT WITH THE THOMBOX

For safety and security, when you pair your universal receiver with a Thombox, only channel 1 can be accessed. Your receiver will appear in the 'Lights & Power' section. Your receiver will also appear as an 'Actionneur [Actuator]' in the rule creator. You can then create rules for managing the drive that is connected.

G - TECHNICAL AND LEGAL INFORMATION

G1 - TECHNICAL CHARACTERISTICS

- Radio frequency: 868.3MHz, ARW protocol
- Radio range: up to 150m, open air range*
- Power supply: 12V AC/DC or 24V AC/DC
- Operating temperature: -20°C to 60°C
- Protection Rating: IP44
- Power consumption: 15mA at rest.
- Relay dry contacts: up to 30V DC 1A

*The indicated radio range refers to the open air range, i.e. no obstacles between the receiver and the transmitter. Any obstacle or disturbance will reduce this range.

G2 - WARRANTY

This product is guaranteed for 2 years, parts and labour from the date of purchase. Proof of purchase must be retained for the duration of the warranty period.

The warranty does not cover damage caused by negligence, knocks, or accidents.

This product must not be opened or repaired by any persons not employed by AVIDSEN.

The warranty will be void if the device is tampered with.

G3 - ASSISTANCE AND ADVICE

If, in spite of the care we have taken in designing our products and drafting these instructions, you do encounter difficulties when installing your product or you have any questions, we urge you to contact one of our specialists who will be glad to help.

If you encounter operating problems during the installation or a few days afterwards, it is essential that you are in front of your installation when contacting us, so that one of our technicians can diagnose the source of the problem, as it will probably be the result of a setting that is incorrect or an installation that is not to specification. If the problem is caused by the product itself, the technician will give you an RMA number so that you can return the unit to the shop.

Without this RMA number, the shop may refuse to exchange your product.

Need help when setting up or installing your Thombox, or when pairing your accessories from the Thomson Connected Home range?

Contact our after-sales service technicians on:

Tel: + 33 (0)892 701 369

(Audiotel: €0.337/min incl. VAT)

Monday to Friday, 9 AM to 12 PM and 2 PM to 6 PM.

G4 - DECLARATION OF CONFORMITY

With the R&TTE directive

AVIDSEN hereby declares that the following equipment: Universal radio receiver for motorised gate or garage door 500020 Complies with the R&TTE 1999/5/CE directive and that its conformity has been assessed pursuant to the applicable standards in force: EN60950-1:2006+A11:2009+A12:2010+A12:2011 EN301489-1 V1.9.2 EN301489-3 V1.4.1 EN300220-2 V2.4.1

Signed at Chambray les Tours on 13/11/2014 by

Alexandre Chaverot, CEO



Visit our website to find out more about our Thomson range at



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