

RECEIVER UNIT

AIRCHOC[®]

((•))
wireless



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By: DESIGN OFFICE

Checked on:

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Signature:

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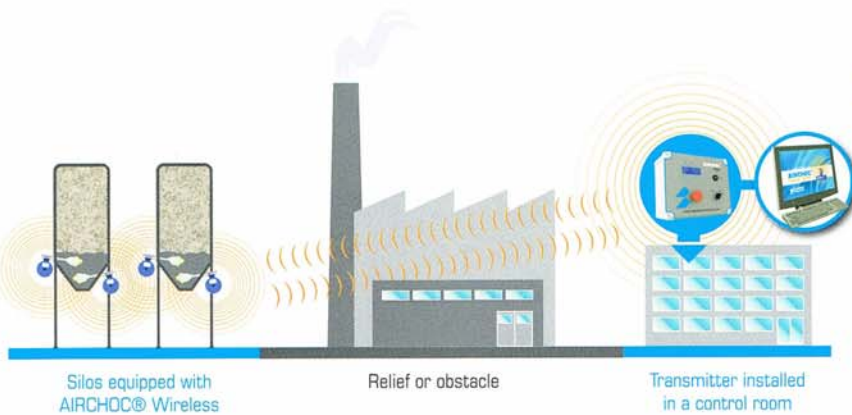
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1- Principle of Airchoc Wireless

AIRCHOC® wireless
AN INNOVATIVE WIRELESS DESIGN

Standard Industrie has used the experience gained from over 30 years in the field of solving blockages and its ability for constant innovation to create **the AIRCHOC® Wireless, THE FIRST WIRELESS AIR CANNON.** Designed to easily remove blocking and encrustation while avoiding the limitations imposed by a wired installation, **the AIRCHOC® Wireless can be operated remotely using a transmitter and a receiver box mounted on the 6V-5W pilot light.**

This innovative design reduces wiring costs and makes it easier to maintain the AIRCHOC® while retaining **the safety, effectiveness and reliability** that the AIRCHOC® range is known for.



LONG DISTANCE TRANSMISSION

With a **300 meter-range (984 feet) - up to 1km (0,62mi) in open spaces-** the wireless system enables you to operate the AIRCHOC® Wireless over large distances across any terrain and regardless of any obstacles.

UP TO 128 AIRCHOC® wireless UNITS WITH A SINGLE TRANSMITTER

Installed in your control room, the transmitter can be **connected to your automaton or to a computer** in order to manage **all your AIRCHOC® Wireless units** from a single point.



AIRCHOC® Transfer System

The AIRCHOC® Transfer System software allows you to simply and effectively programme blasting sequences for each AIRCHOC® Wireless on a computer.

2- Receiver unit characteristics




Material : ABS V0 + Aluminum
 Dimensions : 100 x 114 x 83 mm
 Weight: 195 g without batteries
 Supply voltage: 2 x 3,6Vdc
 Service temperature : - 20 to +70°C
 Humidity : no more than 80%
 Max altitude : e.g up to 2000 m
 Pollution degree : 3



Equipped with an 915 MHz RF module

2-1 Explanation of the symbol on the label :


— — — Direct current

	AIRCHOC WIRELESS RECEIVER	
	MODEL : REWCASEV	
DC INPUT	VOLTAGE	RF FREQUENCY
	2 X 3.6 Vdc	915 MHZ
		
FCC ID: A29-REWCASEV		IC: 10022A-REWCASEV



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.

3-Receiver Unit Batteries


 You must use only our batteries,
 Standard Industrie reference: **BATACW**

Voltage : 7.2V-13Ah (2 x 3.6Vdc)
 Type : Lithium-ion non rechargeable
 Service temperature : - 20 to +85°C
 Max. storage temperature: 30°C
 Weight : 240 g for both



 **3-1.Recommendation**

Do not recharge, short-circuit,
 dispose of in fire,
 expose to temperatures greater than 100°C,
 immerse, or alter its shape.
 Any one of these actions may damage the battery, or cause it to combust or explode.
 Store in a dry place at constant temperature.

 **Attention :** it is forbidden to clean the receiver in the high-pressure water.
 The protection is impaired if equipment is used in a manner not specified by the manufacturer.

3-2. Device Recycling (environment)



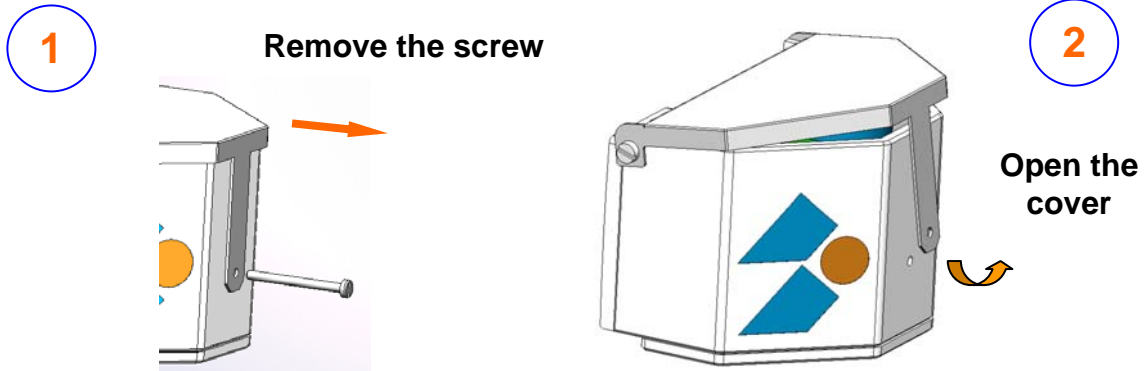
At the end of the batteries', receiver units', or Control panel's service life, you must not dispose of these produces with ordinary household waste. They must be disposed of at an electrical and electronic device recycling point. Comply with applicable regulations in your country.

4. Warranty

The warranty does not cover damage caused by external factors such as lightning, flooding, and fire. No warranty shall apply if the device was repaired or modified by the purchaser or if its serial number has been modified, removed, or rendered illegible.
 Comply with the instructions for use contained in the manual.

5- WIRELESS AIRCHOC RECEIVER UNIT START-UP

Use a flat screwdriver with a max. blade thickness of 0.5.

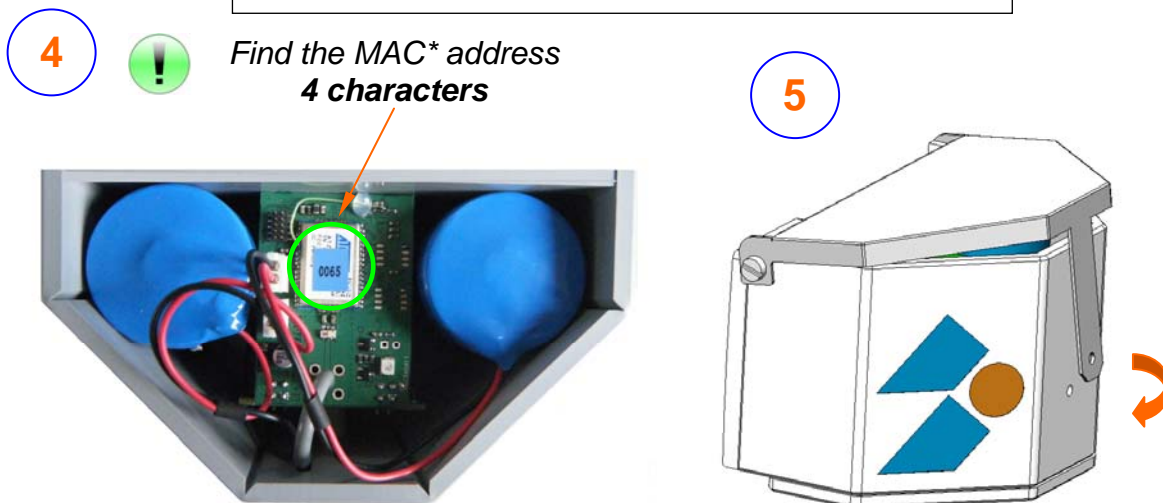


CONNECT THE BATTERIES



Press on the connectors until you hear a click

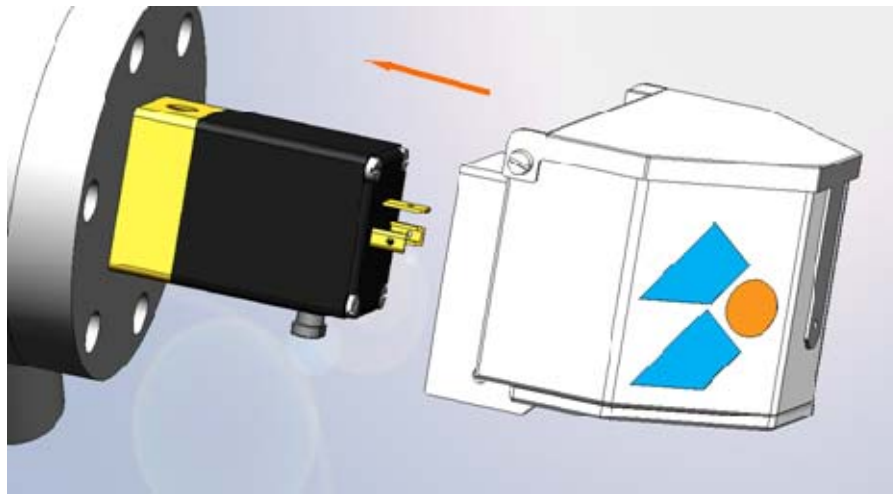
CLOSE THE COVER



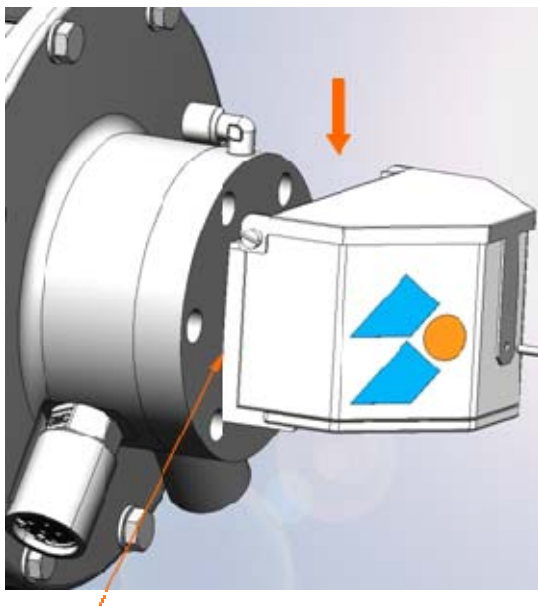
***The MAC address will be used when registering the Airchoc and for communications between the Control panel and the receiver unit**

ATTACH THE RECEIVER UNIT HOUSING TO THE SOLENOID VALVE

6

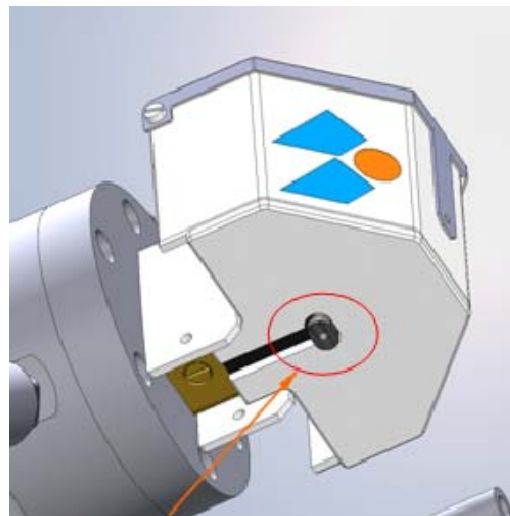


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The housing must abut the base

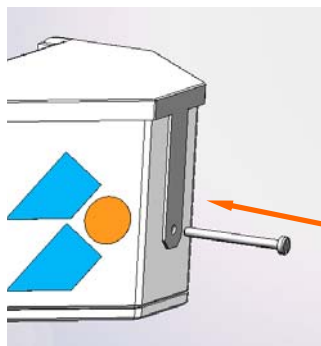
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Ensure that the manual solenoid valve control is correctly positioned in relation to the oblong hole

TIGHTEN THE HOUSING TO THE SOLENOID VALVE

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**Compress the cover until you are in front of the screw hole.
The screw will tighten the housing through the solenoid valve**

6 – Instructions

Changes or modifications not expressly approved by Standard Industrie could void the user's authority to operate the equipment.

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 instructions, 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.

This equipment complies with FCC's radiation exposure limits set forth for an uncontrolled environment under the following conditions :

1. This equipment should be installed and operated such that a minimum separation distance of 20cm is maintained between the radiator (antenna) and user's/nearby person's body at all times.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.