

User manual :  
**ARCO / ARCO 2 / ARCO 5 ARCO 10 / ARCO 20**

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Dear Customer, thank you for purchasing a MASTER S.p.A. product. This guide contains all the information you will need concerning the use of this product. Read the instructions carefully and keep them for further consultation. ARCO is designed to be coupled with MASTER S.p.A. receivers. All other use beyond the field defined by MASTER S.p.A. is forbidden. This, as well as the breach of the instructions given in this guide, shall release MASTER S.p.A. from any liability and shall annul the product warranty. Water, humidity, heat sources, accidental falls can damage the device. Do not use abrasive products or solvents to clean the product.

**Package contents**

- 1 transmitter
- 1 CR2032 lithium battery
- 1 wall bracket
- 2 dowels
- this manual

This transmitter complies with FCC (Federal Communications Commission) Part 15.

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.
- Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: 2ASK4ARCO

All products and technical specifications given in this document are subject to variation without notice. Unless previously and specifically authorised by the manufacturer, the device must be used exclusively with receivers produced by the same manufacturer. The manufacturer shall not be liable for damage resulting from improper, incorrect or unreasonable use.

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**Disposal**

At the end of the product life cycle, dispose of the device in compliance with local regulations. This product could contain substances that are harmful to human health and the environment: do not dispose of the product in domestic waste.



**Technical specifications**

- |                               |                             |                          |                        |
|-------------------------------|-----------------------------|--------------------------|------------------------|
| - Power supply:               | n° 1 CR2032 lithium battery | - N° of channel ARCO:    | 1                      |
| - Operating temperature:      | 0° C / +55° C               | - N° of channels ARCO2:  | 2 + sequencer channel  |
| - Operating frequency:        | 433.42 Mhz                  | - N° of channels ARCO5:  | 5 + sequencer channel  |
| - Operating frequency band:   | 433,050 – 434,790 Mhz       | - N° of channels ARCO10: | 10 + sequencer channel |
| - Max radiated power, e.r.p.: | <10 mW                      | - N° of channels ARCO20: | 20 + 4 groups          |

**Notes on radio system**

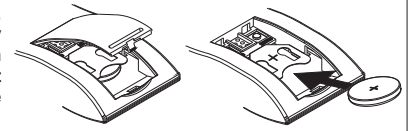
Do not use radio systems in places with strong interference (for example, near police stations, airports, banks, hospitals). It is in any case advisable to carry out a technical inspection prior to installing any radio system in order to identify possible sources of interference. Radio systems can be used where any disturbances or malfunction of the transmitter or receiver do not constitute a risk factor, or if such factor is eliminated using appropriate safety systems. The presence of radio devices working at the same transmission frequency (433.42 MHz) may interfere with the radio receiver and reduce the range of the system, limiting functionality.

**Fixing the wall bracket**

- A) Fix the bracket to the wall using the supplied plugs (distance between holes 36 mm).
- B) Cover the screw heads with the coverage provided.
- C) Hang the transmitter to the support.

**Battery insertion /replacement**

The transmitter is powered by a battery C R2032. To insert the battery, remove the battery cover on the back of the transmitter, insert the battery respecting the polarity, close the cover. **Use of batteries different than those referred can cause an explosion hazard. Used batteries must be discarded in appropriate containers.** It is recommended to replace the battery every 2 years.



**1. ASSOCIATED FUNCTIONS AT BUTTONS**

**Basic functions**

	up		channel - / prev		SUN On/Off		access to the receiver menu	
	stop		channel + / next		FOR ME		transmitters insertion-deletion	
	down		right orientation					
			left orientation					

**Favorite position**

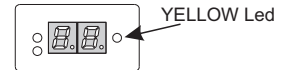
**To memorize:**  
Press **STOP** and then **FOR ME** and hold the buttons until the motor signalation (about 5 seconds)

**To recall:**

**Sun / Automatic lowering function**

By the «SUN On / Off» button you can activate / deactivate the SUN function or the AUTOMATIC LOWERING function, in the receivers equipped with these functions. To modify the setting:

- A) Select the channel (excluded sequencer channel and groups)
- B) Press until the state of the yellow LED varies (about 2seconds)
- C) If **YELLOW LED IS ON**: sun/automatic lowering function **active**



**NOTE:** In ARCO2 the «Sun/Automatic lowering» function is active for **both** channels: if you enable it for channel 1, it is automatically activated for channel 2 and viceversa ● It is possible that some receiving devices do not associate any operations to some transmitter buttons or that associate to the transmitter buttons some operations different from what it is described. In this case consider the instruction manual of the receiving device.

**Advanced functions**

**Pulsante MENU:** permette di accedere velocemente alla configurazione dei parametri del ricevitore. Fare riferimento al manuale d'uso del ricevitore per le procedure.

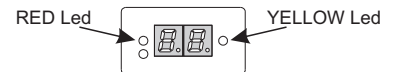
**Pulsante PROG:** permette l'inserimento/cancellazione del telecomando nella memoria del ricevitore. Se il telecomando è già memorizzato, permette la memorizzazione di ulteriori telecomandi. Fare riferimento al manuale d'uso del ricevitore per le procedure.

**2. ENABLING/DISABLING GROUPS AND CHANNELS**

With transmitters ARCO 5, ARCO 10 and ARCO 20 you can turn off the channels that are not used; this will facilitate the use of the transmitter because when you scroll through the list of channels, you find only those actually used. It's possible, with the same procedure, reactivate the channels.

The procedure is as follows:

- A) Press **STOP** and then **MENU** and hold the buttons for about 3 seconds, until the **ch** symbol is displayed.
- B) Press **STOP**. **01** will appear.
- C) If **YELLOW LED IS ON**: channel/group enabled / If **RED LED IS ON**: channel/group disabled
- D) Press **STOP** to modify the setting.
- E) If necessary, press **PREV** and **NEXT** to select another channel/group and return to point C.
- F) To exit, **press twice MENU** or wait about 15 seconds (the display switches off).



**3. DELAY OF TRANSMISSION ON GROUPS AND SEQUENCER CHANNEL**

**ARCO 2, ARCO 5 and ARCO 10** transmitters have a virtual channel called **Sequencer**, which sends the selected command in succession for all active radio channels. To select the **Sequencer**, scroll the list of channels until **SE** symbol appears. The **ARCO 20** transmitter is equipped with 4 virtual channels (called **Groups**, indicated with **G1, G2, G3, G4**) which send the selected command in succession for all the active radio channels belonging to the group. To select a group, scroll the list of channels until the symbols **G1, G2, G3 and G4** appear. It is possible to set the interval (from 1 to 10 sec) of time which must pass between the transmission on one channel and the next. The factory sets the delay at 1 second. The use of high intervals of time can negatively effect on the battery life.

To modify the setting:

- A) Press **STOP** and then **MENU** and hold the buttons for about 3 seconds, until the **ch** symbol is displayed.
- B) Press **NEXT**. The **Sd** symbol appears on the display.
- C) Press **STOP**. The currently set value appears on the display (from 01 to 10 sec).
- D) Use **PREV** and **NEXT** to set the required value.
- E) Press **STOP** to save the setting.
- F) To exit, **press 1 time MENU** or wait about 15 seconds (the display switches off).

**4. SETTING THE CHANNELS BELONGING TO A GROUP (only ARCO20)**

The **ARCO 20** transmitter is equipped with 4 virtual channels (Groups, indicated by **G1, G2, G3, G4**) which send the selected command in succession for all the active radio channels belonging to the group. It is possible to associate up to 20 channels to each group.

To set different groups, follow the procedure:

- A) Press **STOP** and then **MENU** and hold the buttons for about 3 seconds, until the **ch** symbol is displayed.
- B) Press twice **NEXT**. **G1** symbol appears on the display. To select another group press **NEXT**.
- C) Press **STOP**. Channel 01 appears.
- D) If **YELLOW LED IS ON**: channel belongs to the group / If **RED LED IS ON**: channel not belongs to the group
- E) Press **STOP** to modify the setting.
- F) If necessary, press **PREV** and **NEXT** to select another channel and return to point E.
- G) To exit, **press twice MENU** or wait about 15 seconds (the display switches off).

