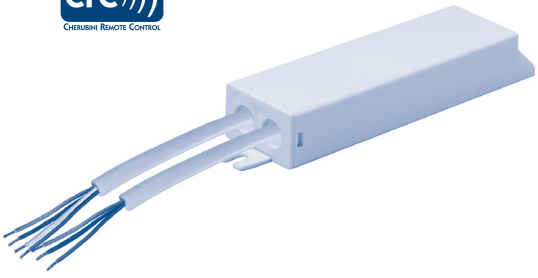
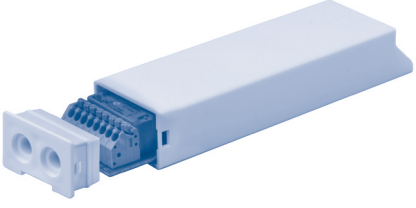
CHERUBINI
tocco italiano dal 1947

crc
CHERUBINI REMOTE CONTROL



A510042
POWER ONE 2C
cablato
to wire
mit Kabel
cablé
cableado



A510043
POWER ONE 2M
con morsettiera
with clamp
mit Klemmen
a connecteur
con conectores

RICEVITORE DOMOTICO **I**

DOMOTIC RECEIVER **GB**

DOMOTIC RX FUNKEMPFÄNGER **D**

RÉCEPTEUR DOMOTIQUE **F**

RECEPTOR DOMÓTICO **E**

CE

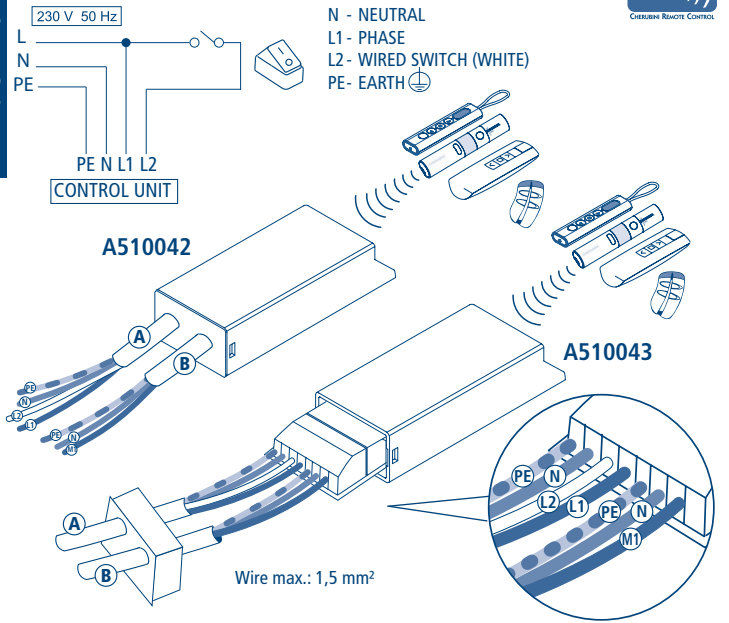
ISTRUZIONI - INSTRUCTIONS - EINSTELLANLEITUNGEN
INSTRUCTIONS - INSTRUCCIONES

ENGLISH

SAFETY INSTRUCTIONS

- Only professional technicians must perform installation, complying with all safety instructions, especially those regarding electrical connections.
- To avoid short circuits, arrange an automatic bipolar switch with opening distance of the contacts of at least 3 mm before the circuit.
- If not used, the white wire must be insulated. It is dangerous to touch the white wire when the receiver is powered.

ELECTRICAL CONNECTIONS



230 V 50 Hz

(A) CONNECTION POWER SUPPLY SIDE
N - BLUE - NEUTRAL
L1 - BROWN - PHASE
L2 - WHITE - OPTIONAL WIRED SWITCH
PE - YELLOW/GREEN - EARTH

230 V 50 Hz

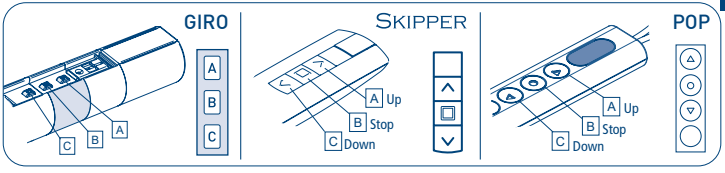
(B) CONNECTION ON DEVICE
N - BLUE - NEUTRAL
M1 - BROWN - PHASE
PE - YELLOW/GREEN - EART

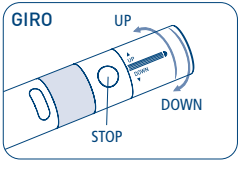
TECHNICAL FEATURES

- Power Supply	220 Vac
- Power Consumption	0,5 W
- Radio Frequency	433,92 MHz
- Decoder System	Rolling code
- Modulation	AM/ASK
- Max number storable transmitters	15
- Max loads power	2000 W halogen lamps and heaters 500 W LED and fluorescent lamps
- Operating temperature	-10°C +70°C
- Dimensions	120 x 35 x 20 mm
- Weight	60 g
- Protection Degree	IP44

ENGLISH

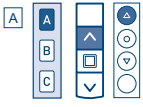
KEY TO SYMBOLS



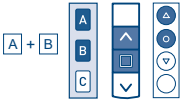


A530058 Remote Control with 4 independent channels

Button or switch, wired



Press button A



Press buttons A and B at the same time

short blinking

long blinking

Disconnect the power supply

Power up

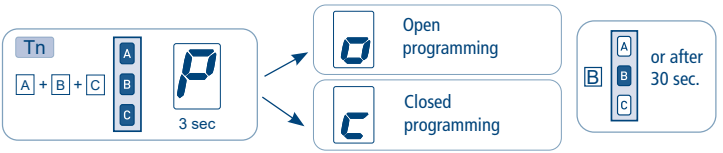
Output On

Output Off

FUNCTION OPEN/CLOSE PROGRAMMING
REMOTE CONTROL SKIPPER PLUS - SKIPPER LUX - SKIPPER P-LUX
REMOTE CONTROL POP PLUS - POP LUX - POP P-LUX

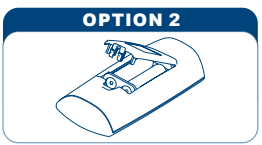
To prevent accidental changes to the programming of the motor during the daily use of the remote control, the possibility of programming is disabled automatically 8 hours after sending the last sequence (A+B or B+C).

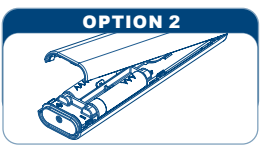
CHECKING THE STATUS OF THE FUNCTION



To change the status of the function, see the sequences "ENABLE/DISABLE PROGRAMMING".

ENABLE PROGRAMMING





Remove and replace a battery

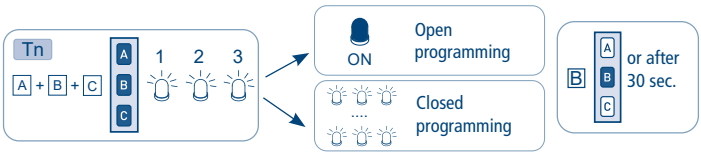
Proceed with programming as the instructions booklet.

DISABLE PROGRAMMING

FUNCTION OPEN/CLOSE PROGRAMMING
REMOTE CONTROL SKIPPER - SERIES GIRO - REMOTE CONTROL POP

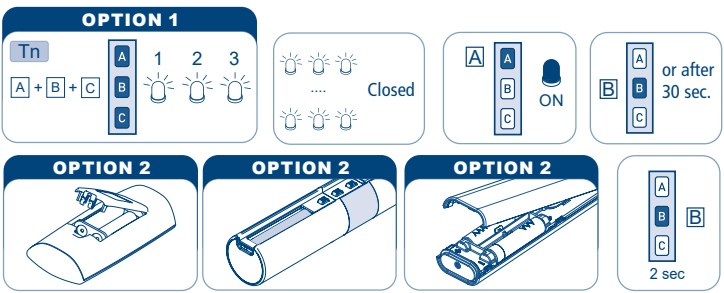
To prevent accidental changes to the programming of the motor during the daily use of the remote control, the possibility of programming is disabled automatically 8 hours after sending the last sequence (A+B or B+C).

CHECKING THE STATUS OF THE FUNCTION



To change the status of the function, see the sequences "ENABLE/DISABLE PROGRAMMING".

ENABLE PROGRAMMING



Remove one battery and wait minimum 5 seconds or press any button.

Proceed with programming as the instructions booklet.

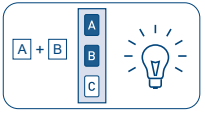
DISABLE PROGRAMMING

PROGRAMMING USING SKIPPER, GIRO OR POP REMOTE CONTROLS

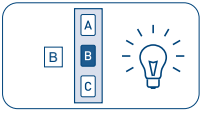
SETTING THE FIRST REMOTE CONTROL

This operation can only be performed when the receiver is new, or after a total delete of the memory.

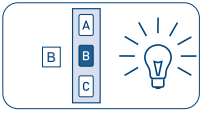
T1: First remote control to be set



T1 short



T1 short



T1 (2 sec) long

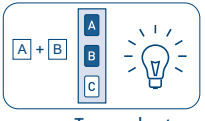
AUTOMATIC DISABLING OF THE FIRST REMOTE CONTROL SETTING FUNCTION

Every time you connect the control unit you have 3 hours to store the first remote control. After this time, the ability to store the remote control is disabled. To reset the timer of the function you have to disconnect and reconnect the control unit.

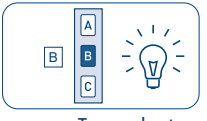
SETTING OF ADDITIONAL REMOTE CONTROLS

Up to 15 remote controls can be set.

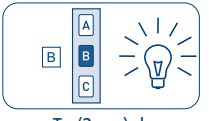
Tn: Already programmed remote control
Tx: Additional remote control



Tn short



Tn short

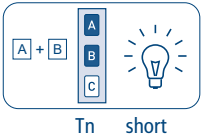


Tx (2 sec) long

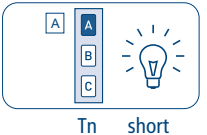
REMOTE CONTROL MEMORY CLEARING

It is possible to delete each memorized remote control individually. As the last one is deleted the receiver initial condition is restored. The same applies to the single channels of a multichannel remote control: just select the channel to cancel.

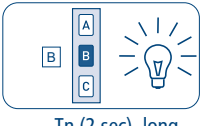
Tn: Remote control to be cleared



Tn short



Tn short



Tn (2 sec) long

This sequence deletes the remote control from all the associated receivers.

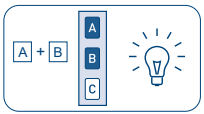
A530058 REMOTE CONTROL WITH 4 INDEPENDENT CHANNELS

PROGRAMMING FROM ANOTHER REMOTE CONTROL

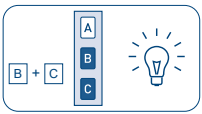
The A530058 remote control may be set using another remote control that has already been programmed.

- Press the A and B buttons at the same time.
- Device will be powered shortly.
- Then press the B and C buttons at the same time.
- Device will be powered shortly.
- Then, press the desired button on the A530058 remote control for at least 2 seconds.
- Device will be powered for longest time.

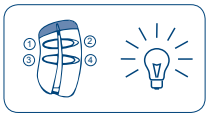
Tn: Already programmed remote control
Tx: Additional remote control



Tn short



Tn short

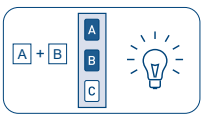


Tx (2 sec) long

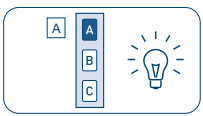
SINGLE CHANNEL MEMORY CLEARING

It is possible to delete each memorized channel individually by selecting the channel to be deleted during the last step of the following sequence. To delete all channels repeat the sequence as many times as necessary.

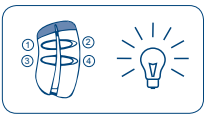
Tn: Already programmed remote control



Tn short



Tn short



Tn (2 sec) long

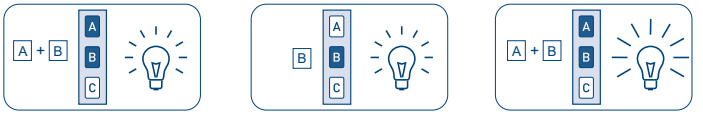
ENGLISH

FULL MEMORY CLEARING

The full memory clearing can be performed in two ways:

1) WITH THE REMOTE CONTROL

Tn: Already programmed remote control

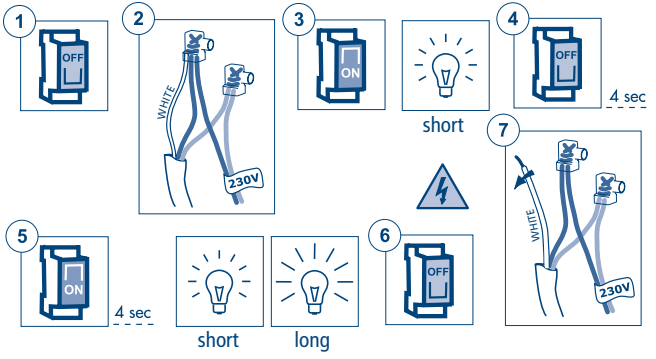


2) WITH THE WHITE WIRE

Do this operation only in case of emergency, if all remote controls are no longer operating.
To delete the memory we have to access the white wire of the control unit.
The sequence of this operation is the following:

1) Disconnect the power supply from the control unit, via the main switch for example.
2) Connect the white wire to the brown wire (phase) or to the blue wire (neutral).
3) Connect the power supply to the control unit to power shortly the device.
4) Disconnect the power supply from the control unit for at least 4 seconds.
5) Connect the control unit to the power supply: after around 4 seconds to power shortly the device and then for longest time.
6) Disconnect the power supply from the control unit.
7) Separate the white wire from the brown/blue wire. Insulate the white wire, in an appropriate way, before reconnecting the power supply.

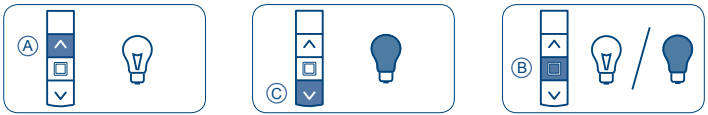
At this point it is possible to proceed with the setting of the first remote control.



ON/OFF CONTROLS

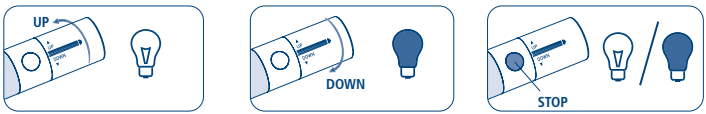
Skipper Series or POP Series remote controls

- Button A (Up) closes the contact (turns on the output).
- Button C (Down) opens the contact (turns off the output).
- Each time button B (Stop) is pressed, the contact switches in sequence between open and closed.

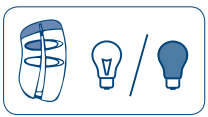


Giro Series remote controls

- The switch UP closes the contact (turns on the output).
- The switch DOWN opens the contact (turns off the output).
- Each time button STOP is pressed, the contact switches in sequence between open and closed.



A530058 Remote Control with 4 independent channels



Each time the programmed button is pressed, the contact switches in sequence between open and closed.

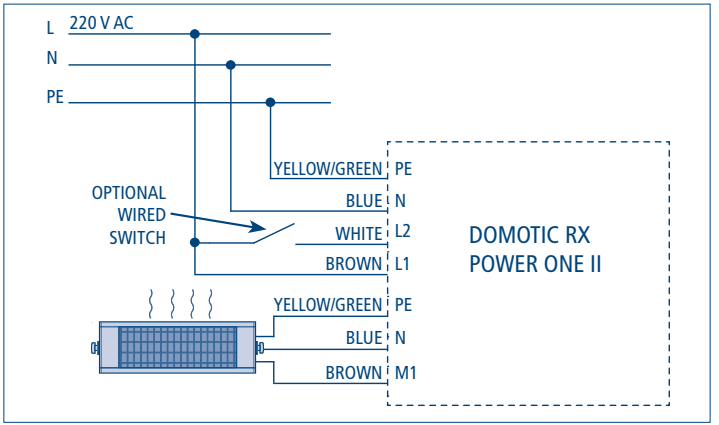
Button or switch connected to the wired switch

Each time the button is contact switches in sequence between open and closed.

- UNSTABLE PUSH BUTTON (if the contact lasts less than 1 second): the command is given only when the contact is closed.
- STABLE SWITCH (if the contact lasts more than 1 second): the command is given both when the contact is closed or when it is opened.

NOTES: In case of power failure, when power is restored the output remains off, independently of its former status.

DOMOTIC RX WIRING DIAGRAM



TIMED AND IMPULSE CONTROLS

The factory settings maintain the outputs active when the receiver is turned on until the off command is given, or until the power is disconnected.

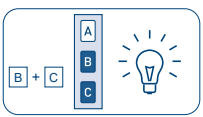
It is possible to set the activation of the output in either timed or impulse mode.

Timed activation: for example, is useful to control stairway lights or other equipment for a limited time (factory setting or user setting). With each wired or remote command to turn the receiver on, the relative output will be activated for a programmed time and then will shut off. Shut off may be anticipated with a new command.

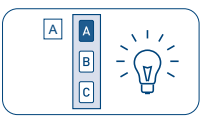
Impulse activation: other types of applications may require activation of the outputs by impulse, only for the duration of the command.

TIMED AND IMPULSE SETTINGS

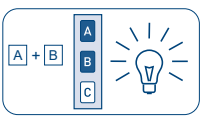
TIMED OUTPUT ACTIVATION WITH DURATION SET AT 5 MIN.



short



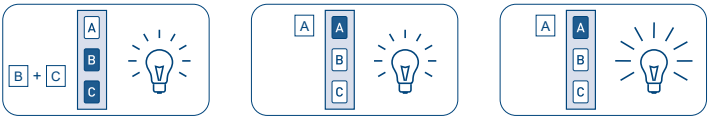
short



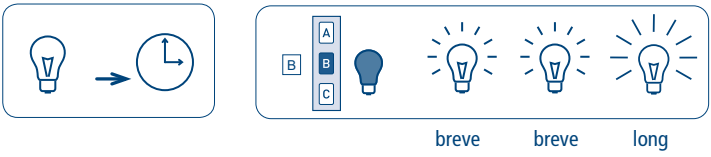
2 sec long

TIMED OUTPUT ACTIVATION WITH PROGRAMMABLE DURATION

(1 sec = 1 sec)



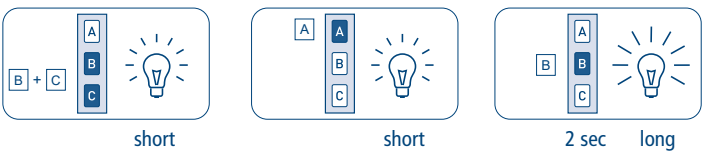
After a long blinking, the output comes on and the measurement of the timing duration begins. Once the duration desired is reached press B to program. The output goes off and the Led blinks short-short-long.



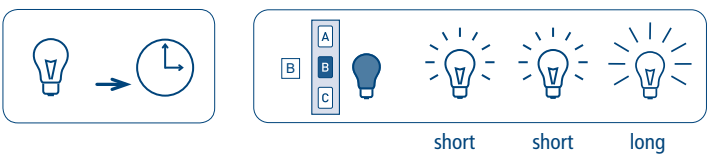
Duration of the timing goes from 1 second to 18 hours at 1 second intervals (1 sec = 1 sec)

TIMED OUTPUT ACTIVATION WITH PROGRAMMABLE DURATION

(1 sec = 1 min)



After a long blinking, the output comes on and the measurement of the timing duration begins with each second programmed corresponding to 1 minute of operation of the connected device. Once the duration desired is reached press B to program. The output goes off and the Led blinks short-short-long.

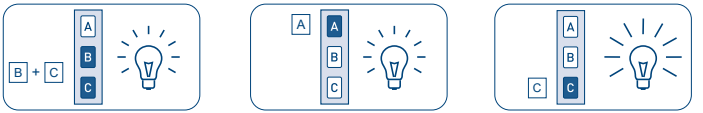


Duration of the timing goes from 1 minute to 18 hours at 1 minute intervals (1 sec = 1 min)

ENGLISH

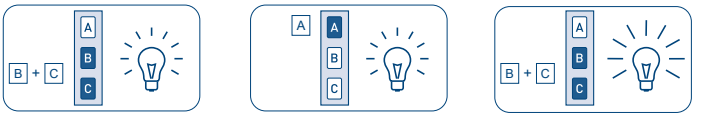
IMPULSE OUTPUT ACTIVATION

With this setting, the output is activated only as long as the control is pressed.



RESTORE OUTPUT TO FACTORY SETTINGS (activation maintained)

After the reset, the ON control goes back to keeping the output active until the next OFF command is given.



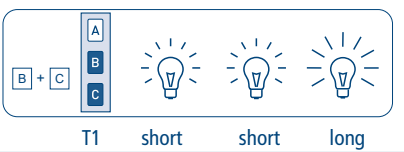
SPECIAL FUNCTION: SHORT-TERM SETTING OF A REMOTE CONTROL

This function makes it possible to store a remote control temporarily. A later final saving of the remote control will be possible using the appropriate command sequence (see: "SETTING THE FIRST REMOTE CONTROL"). The operations described below can be carried out only when the receiver has just come out of the factory or after a full memory clearing (see: "FULL MEMORY CLEARING"). The receiver makes the following operations possible only within the time limits described in order to make sure that the short-term setting is used only in the installation or factory setting phase and not during daily use. Power up the receiver, make sure that no other receivers having an empty memory are powered up in the same operating range.

Within 30 seconds after start, press the B and C buttons simultaneously until the motor gives a confirmation signal.

The remote control will remain stored for 5 minutes, while the receiver is powered up. After 5 minutes or when the receiver has its power cut off, the remote control will be cancelled.

T1: First remote control to be set



I **GARANZIA** Il mancato rispetto di queste istruzioni annulla la responsabilità e la garanzia CHERUBINI.

DICHIARAZIONE DI CONFORMITÀ UE

CHERUBINI S.p.A. dichiara che il prodotto è conforme alle pertinenti normative di armonizzazione dell'Unione: Direttiva 2014/53/UE, Direttiva 2011/65/UE.
Il testo completo della dichiarazione di conformità UE è disponibile facendone richiesta sul sito: www.cherubini.it.

GB **GUARANTEE** Failure to comply with these instructions annuls CHERUBINI's responsibilities and guarantee.

EU DECLARATION OF CONFORMITY

CHERUBINI S.p.A. declares that the product is in conformity with the relevant Union harmonisation legislation: Directive 2014/53/EU, Directive 2011/65/EU.
The full text of the EU declaration of conformity is available upon request at the following website: www.cherubini.it.

D **GARANTIE** Bei nichtbeachten der Gebrauchsanweisung entfällt die CHERUBINI Gewährleistung und Garantie.

EU-KONFORMITÄTSERKLÄRUNG

CHERUBINI S.p.A. erklärt der produkt erfüllt die einschlägigen Harmonisierungsrecht svorschriften der Union: Richtlinie 2014/53/EU, Richtlinie 2011/65/EU.
Der vollständige Text der EU-Konformitätserklärung kann unter unserer Web-Seite www.cherubini.it, gefragt werden.

F **GARANTIE** Le non-respect de ces instructions exclut la responsabilité de CHERUBINI et sa garantie.

DÉCLARATION UE DE CONFORMITÉ

CHERUBINI S.p.A. déclare que le produit est conforme à la législation d'harmonisation de l'Union applicable: Directive 2014/53/UE, Directive 2011/65/UE.
Le texte complet de la déclaration UE de conformité est disponible en faisant requête sur le site internet: www.cherubini.it.

E **GARANTÍA** El incumplimiento de estas instrucciones anula la responsabilidad y la garantía de CHERUBINI.

DECLARACIÓN UE DE CONFORMIDAD

CHERUBINI S.p.A. declara que el producto es conforme con la legislación de armonización pertinente de la Unión: Directiva 2014/53/UE, Directiva 2011/65/UE.
El texto completo de la declaración UE de conformidad puede ser solicitado en: www.cherubini.it.

CE

Rev: 5 09/2020 - Cod: A4518_6887

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