

Magic

BOX

user guide manual

MUVIS[®]
www.muvis.com



ENGLISH

TABLE OF CONTENTS

General information	3
Product description	4
Installation	5
Create and return to saved programs with Magic Box and no Muvis lamp	8
Configuration for rooms with more than one Muvis device	9
Create and return to saved programs for two or more Muvis devices	11
Configuration for the use of Muvis devices in several rooms of the home	13
Visualization of Magic Box parameters	15
Timed return to programs	15
Troubleshooting	16
Summary table of commands	17
Technical Support	19
Warranty	19
Certification	19

GENERAL INFORMATION

General Safety and Maintenance Guidelines

- Safety is guaranteed only if the device is installed and used in an appropriate manner, according to the instructions provided.
- All Magic Box devices are suitable for being mounted directly on surfaces that are normally flammable.
- Any modification to the device will automatically void the guarantee of conformity.
- Keep these instructions in order to be able to consult them whenever necessary.
- The connection with the electric power main must be done in conformity with the indications on the label found on the lamp.
- The law states that this device must be grounded.
- Keep the device in a dry, well-ventilated place.
- Avoid exposing Magic Box to excessive humidity, rain, sand, heat sources or direct sunlight.
- Do not block air holes.
- Repairs must be done exclusively at authorized service centres.
- Repairs carried out in an inappropriate manner may constitute a serious danger for the user and render the guarantee void.

ATTENTION - DO NOT CONNECT to each Magic Box outlet loads superior to 500 W



PRODUCT DESCRIPTION

Magic Box was designed to connect the Muvis system with pre-existing light sources in the same room and put them into sequence with the Muvis lamps. Magic Box is available in two models with identical technical characteristics:

floor model:

the device has a pleasant appearance, which makes it suitable to be set next to the lights present in the room.

recessed model:

to connect recessed light sources (ceiling and/or wall)

Device specifications

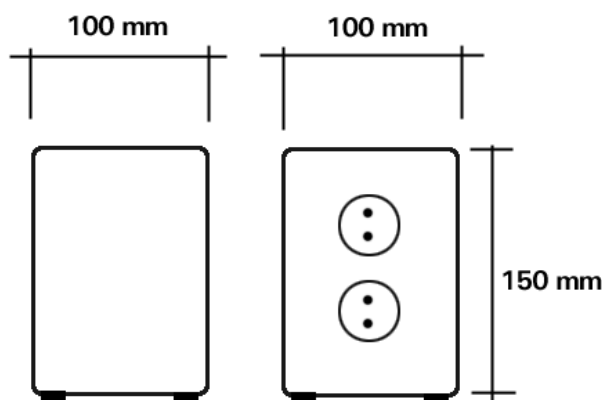
Technical Data

- Rated voltage: 230 - 240 V AC
- Rated frequency: 50 Hz
- Maximum power: 500 W per ogni presa (2 x 500 W)
- Operating temperature: 5°- 30°
- Use: device for indoor use

NOTE - Magic Box is designed to manage resistive loads (for example: traditional light bulbs and halogen bulbs).



Dimensions (mm.)

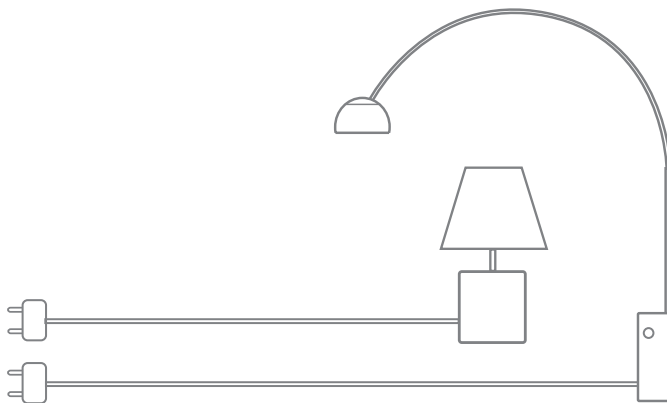
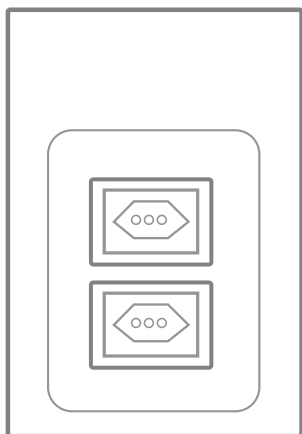


Weight: 0,7 Kg.

INSTALLATION

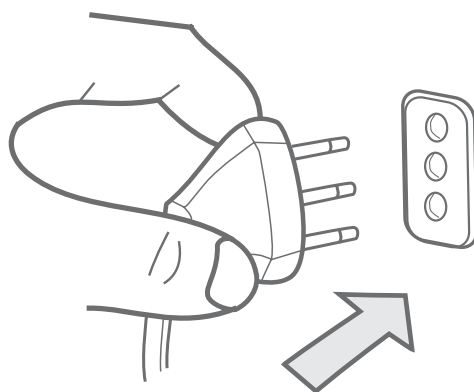
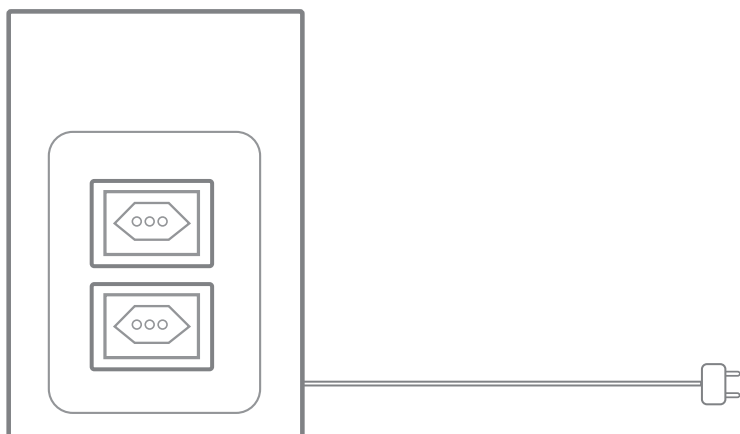
Floor model:

- Connect 1 or 2 lamps (resistive loads) to the outlets on the back of Magic Box



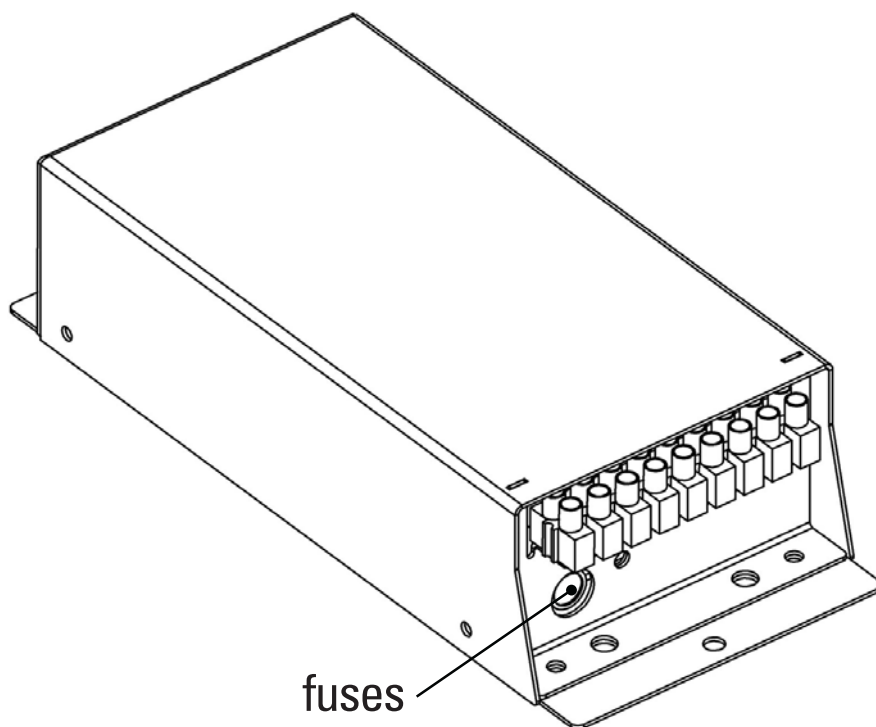
N.B: one or more lamps may be connected to each outlet, provided that the limit of 500 W max. per outlet is respected.

- Connect the plug of the Magic Box to a power socket



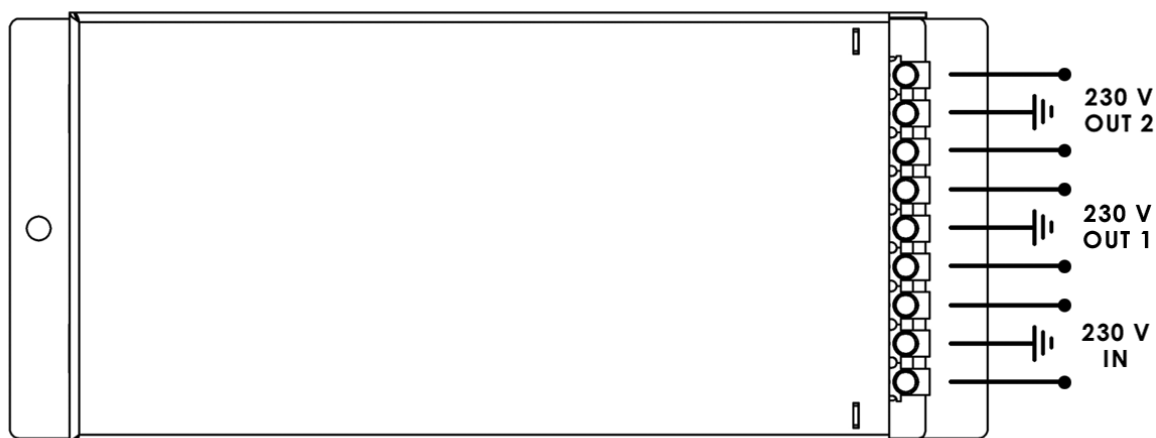
Recessed model:

- Connect the light sources to the 2 channels: "OUT 1" and "OUT 2"



N.B.: each "OUT" outlet can be connected to light sources totalling not more than 500 W.

- Connect the power cord to a 230V outlet with the "IN" connectors



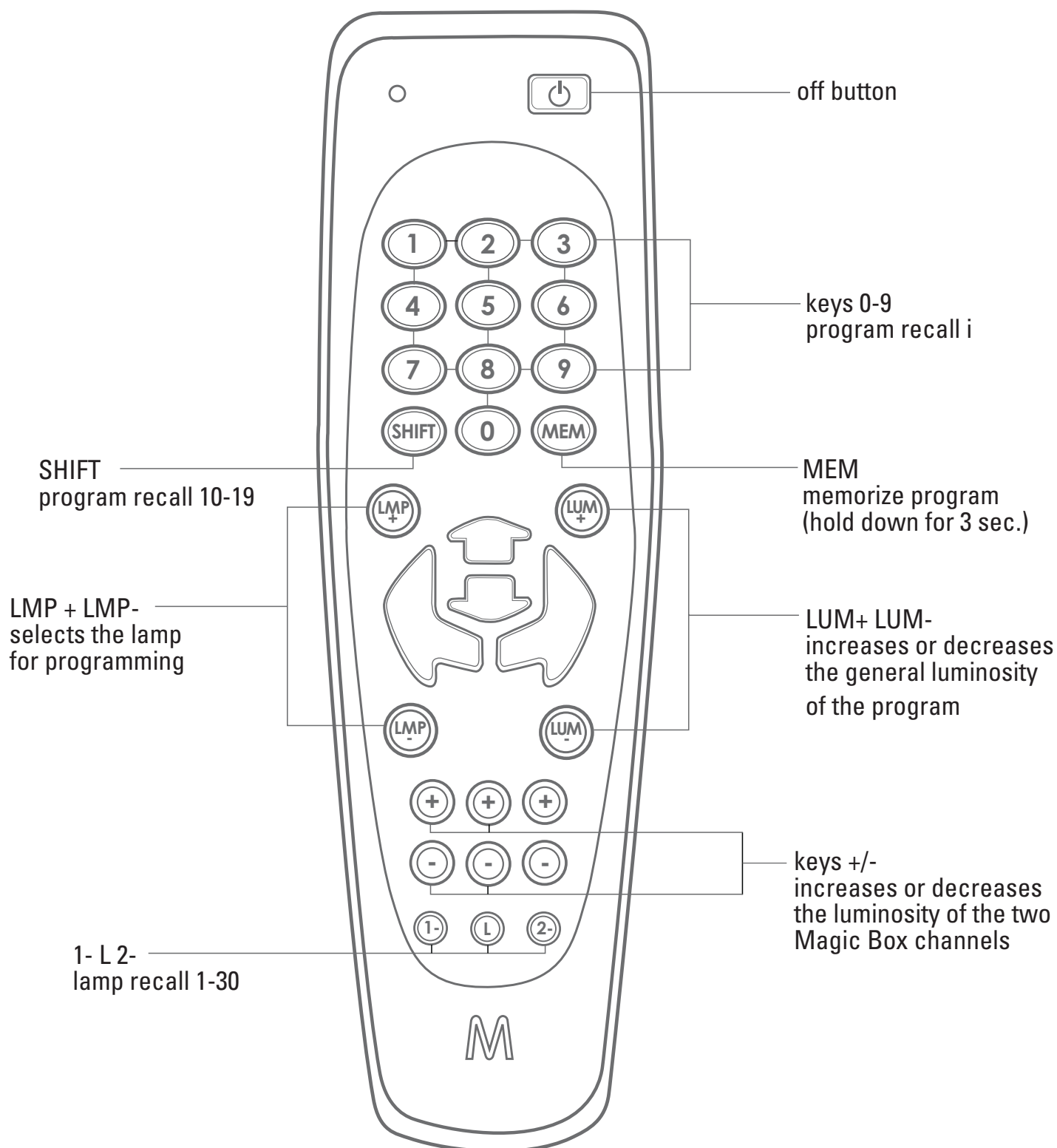
NOTE – Sockets with switches

If Magic Box is connected to a socket with a switch, it can be switched on and off using the normal switch. When it is switched on, the device will return to the last program selected before switching it off (using the switch or the remote control)



Turning on device

Press a key from 0 to 9 to return to a program.



ATTENTION – If the new Magic Box is to be used in rooms where other Muvis lamps are present, go to the section entitled “Configuration for rooms with two or more devices”



CREATION AND RECALL OF PROGRAMS IF YOU HAVE A MAGIC BOX AND NO MUVIS LAMP

A program is the atmosphere created by the position and the intensity of the lamps connected to the Magic Box.

Each Magic Box can memorize up to 19 different programs.

To create a program, just follow this simple procedure:

A Recall the program that you want to create

for programs numbered from 1 to 9, press a key from **1** to **9**

for programs numbered from 10 to 19, press in sequence **(SHIFT)** + a key from **0** to **9**

B Increase and decrease the luminosity of the two lamps with the keys

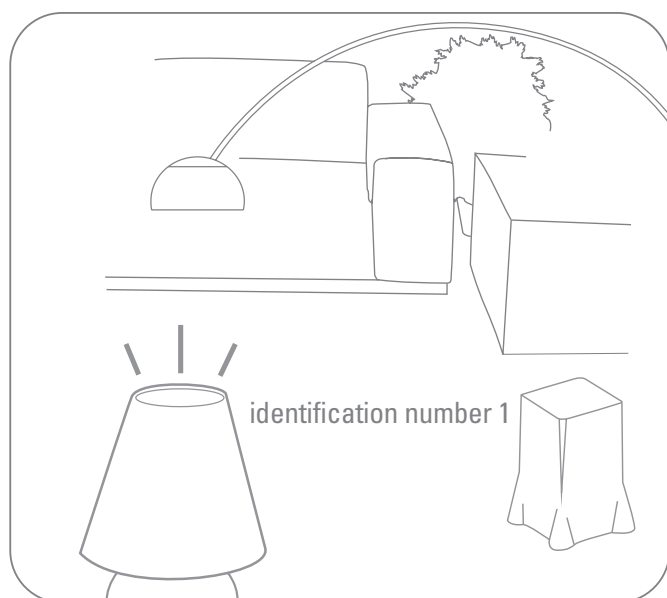


NOTE: by pressing the sequence **(SHIFT)**  it is possible to instantly reach maximum and minimum luminosity of the lamps connected to the Magic Box

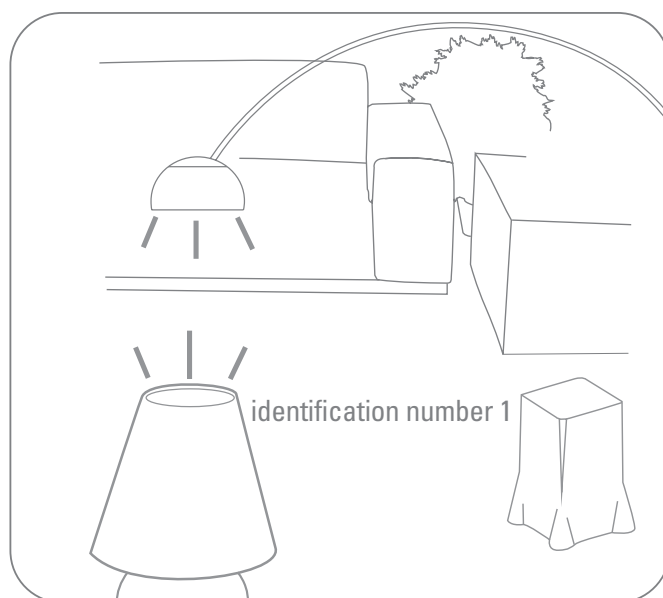


C When the position and the light intensity are as desired, press the **(MEM)** until the lamps connected to the Magic Box flash on and off.
The program is memorized.

D Repeat the procedure for all programs that you intend to memorize.



scenario 1



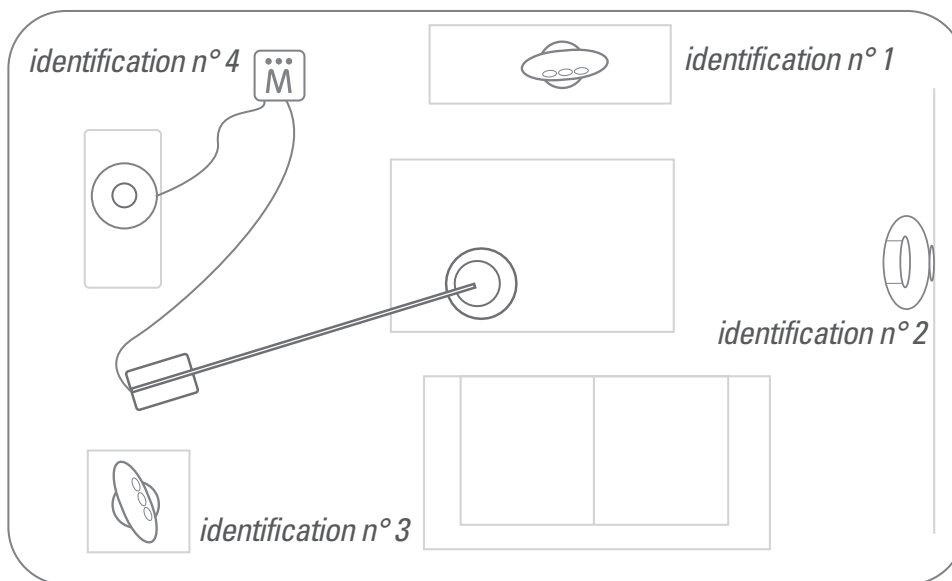
scenario 2

CONFIGURATION FOR ROOMS WITH MORE THAN ONE MUVIS DEVICE

In a room where there is more than one Muvis* device, it is necessary to assign an identification number to each lamp in order to set the programs.

* a Muvis device is a Magic Box or a Muvis lamp

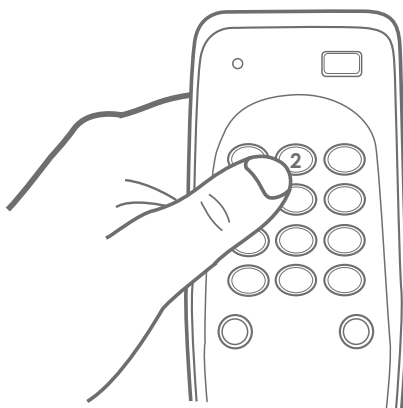
NOTE – Each device leaves the factory with a pre-assigned identification number “1”. For this reason, it is necessary to follow the procedure for assigning an identification number if there is more than one device present in the room.



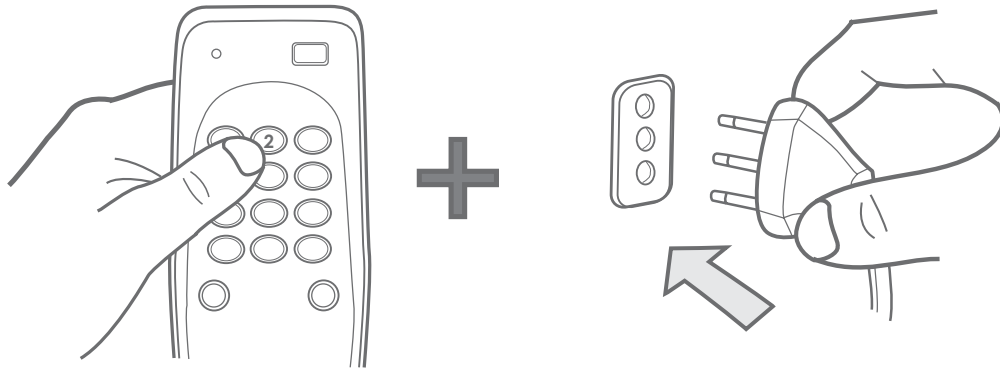
Assigning an identification number

To assign an identification number (ID number) to a device, it is necessary to:

- unplug the device you intend to program (from the power main)
- hold down the key on the remote control that corresponds to the identification number (from ① to ⑨) that you want to assign to the device (example: for lamp 2, hold down the ② key)



- while holding the key down, plug in the device and wait until it flashes to confirm the ID number







- This procedure should be repeated for every Muvis device present in the room.





NOTE: this procedure is valid only for devices with ID numbers from 1 to 9. For devices numbered from 10 to 128, see page 13.



Programming the remote control

- To set programs, it is necessary to select the single devices and program the remote control for the number of devices present in the room:

for example, if there are 4 devices in the room (see figure on pag. 9) and you assign the number 4 to the Magic Box, press the following keys in sequence    and hold the  key until the LED on the remote control stops blinking (about 5 seconds)

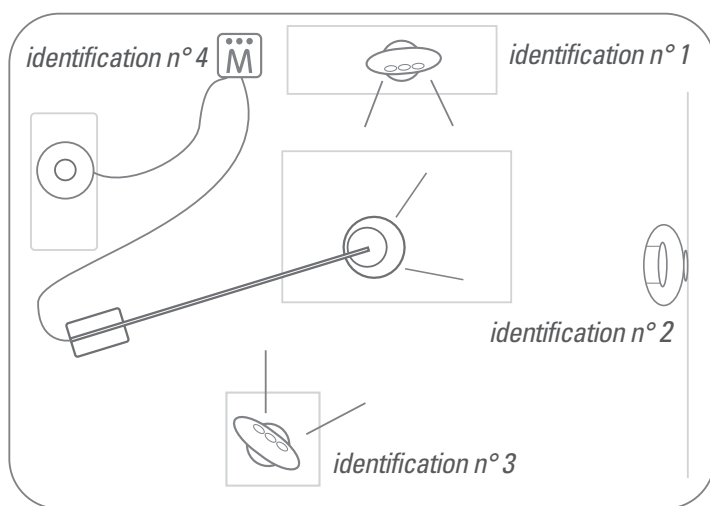
NOTE: if there are more than 9 devices, press in sequence    and hold the  key down until the led on the remote control stops blinking (about 5 seconds)



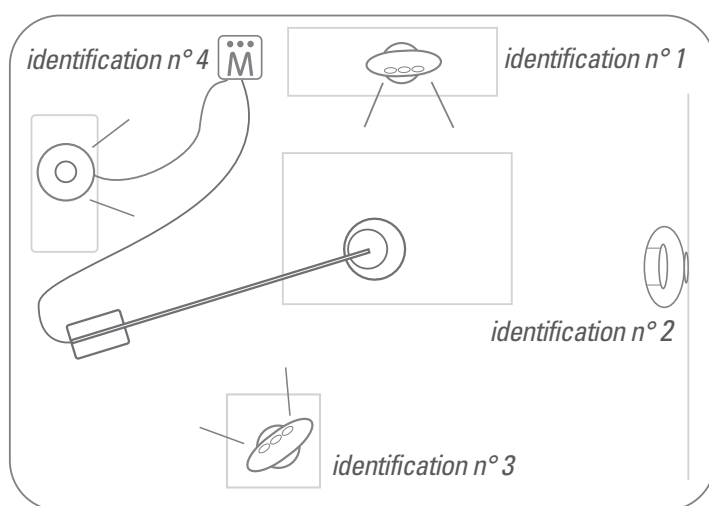
CREATION AND RECALL OF PROGRAMS

WITH MORE THAN ONE MUVIS DEVICE

A program is the atmosphere created by the position and the intensity of the light produced by the Muvis lamps and the other light sources connected to the Magic Box. All the lamps present in a room can be managed by the same remote control.



scenario 1



scenario 2

A Recalling a program

To configure a program, first it is necessary to recall it:

for programs numbered from 1 to 9 press a key from ① to ⑨

for programs numbered from 10 to 19 press in sequence ①SHIFT + a key from ① to ⑨

(ex: ①SHIFT ③ for program 13)

B Recall lamps

At this point, it is necessary to recall the devices present in the room one by one to define their position and light intensity. There are two methods for doing this:

method 1 (sequence recall)

By pressing ①LMP+ or ①LMP- it is possible to recall the devices in the room in sequence. Proceed until the device that you want to program blinks on and off.

NOTE - the ①LMP+ key works in “cycles”. In our example of 4 devices, this means that the devices will be recalled in order, one by one, if it is pressed repeatedly. Like this: 1,2,3,4,1,2,3,4,1.... the ①LMP- key, on the other hand, if pressed repeatedly will recall the devices in decreasing order and stop at the number “1” device, like this: 4,3,2,1,1,1,1,...

method 2 (direct recall)

It is possible to recall a device directly if you know its ID number.

Device ID number	Key sequence	Example
from 1 to 9	+ lamp number	for lamp 7
from 10 to 19	+ lamp number	for lamp 15
from 20 to 29	+ lamp number	for lamp 20
from 30 to 39	+ lamp number	for lamp 30
from 40 to 49	+ lamp number	for lamp 43
from 50 to 59	+ lamp number	for lamp 50

NOTE – if there are two lamps connected to the Magic Box that can be recalled with the same identification number (example:), in order to regulate them singularly, it is necessary to use the keys.

C Memorizing a program

It is possible to regulate the intensity of the light sources connected to the two channels of the Magic Box by pressing the keys. When the level of luminosity of the light source is regulated as desired, hold the key down until the light flashes (about 3 sec.).

Repeat the procedure from **B** to **C** for each device present in the room

To create a new program, repeat the procedure starting from point **A**

CONFIGURATION

FOR THE USE OF MORE DEVICES IN MORE THAN ONE ROOM IN THE HOME

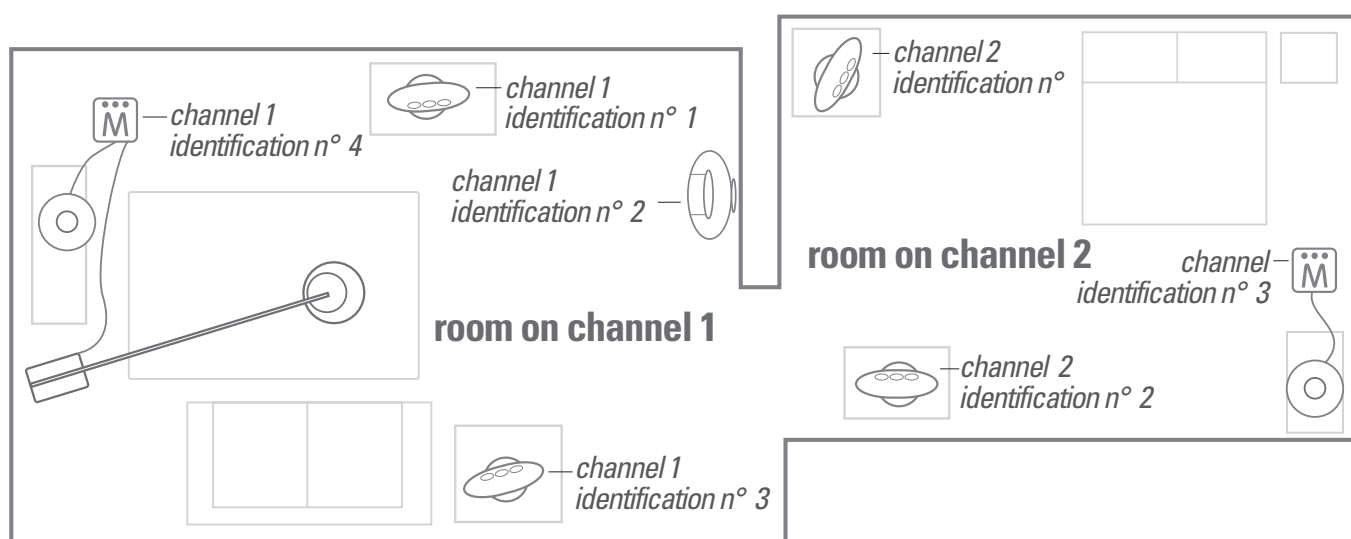
The Team Light System implemented by MUVIS allows you to use lamps in various rooms in your home independently. For example, you could install Anellum devices and a Magic Box in the dining room and in the bedroom and make the two systems independent. The remote control for the dining room would act only on the lamps in the dining room without interfering with the lights in the bedroom, and vice versa. Naturally, you would need a remote for each room.

To make rooms independent, it is necessary to assign different transmission channels to different rooms. Devices in the same room would all have the same channel. It is possible to manage up to 29 channels.

It is necessary to program each device in each room with its own identification number and channel number.

Naturally, all devices in the same room must have different ID numbers and the same channel number.

NOTE- each Muvis device leaves the factory with channel 1 pre-assigned



A Programming the ID number and channel number of the Magic Box

read the ID code on the label applied on the metallic base of the device, example:

ID CODE
1970

NOTE - it's also possible to visualize the ID code through a sequence of flashes emitted by the device (see pag.15)



press keys 1- and 2- simultaneously for 1 second
enter the four digit ID code (ex: 1 9 7 0)
enter the two digits of the channel that you want to assign (ex: 0 2 for channel 2)
enter the three digits
(es: 0 0 4 per il Magic Box numero 4)



At the end of this procedure, if it has been done correctly, the light sources connected to the Magic Box will flash.

NOTE: the procedure should be completed in a maximum of 15 seconds.
If it is not, it needs to be repeated.

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B Programming the remote control channel

Each remote control unit present in the apartment needs to be programmed on the channel of the room in which it is used.

Remote control channel	Key sequence	Example
channel from 1 e 9	SHIFT LMP L + channel number*	SHIFT LMP L 3 *for channel 3
channel from 10 e 19	SHIFT LMP 1- + channel number*	SHIFT LMP 1- 0 *for channel 10
channel from 20 e 29	SHIFT LMP 2- + channel number*	SHIFT LMP 2- 2 *for channel 22

*the numerical key corresponding to the channel number must be held down until the red LED lights on the remote control unit go off

It is necessary to program each remote control indicating the number of lamps present in the room where it will be used:

for example, if there are 3 devices in the room, press in sequence SHIFT LMP 3 and hold the 3 down until the LED on the remote control stops blinking (about 5 seconds)

For the creation and recall of programs, refer to pag. 8



NOTE: if there are more than 9 devices in the room,
press in sequence SHIFT LMP 0 and hold 0 down until
the LED on the remote control stops blinking

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VISUALIZING MAGIC BOX PARAMETERS

It is possible to visualize the following parameters of your Magic Box by observing the lamps connected to the device. A sequence of flashes will tell you:

id number of the Magic Box device

press  and then, simultaneously,  +  for about 3 seconds

channel number of the Magic Box device

press  and then, simultaneously,  +  for about 3 seconds

the code number of the Magic Box device

press  and then, simultaneously,  +  for about 3 seconds

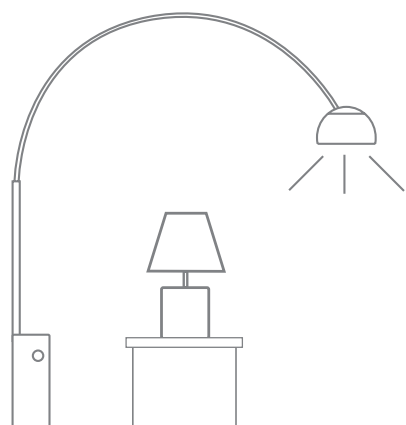
NOTE: if the Magic Box must show a three-digit number (identification or channel number or ID code) (example: 23) the connected lamps flash 2 times and then after a short pause, 3 more times

NOTE: ALL devices present in the apartment will visualize the requested parameters simultaneously

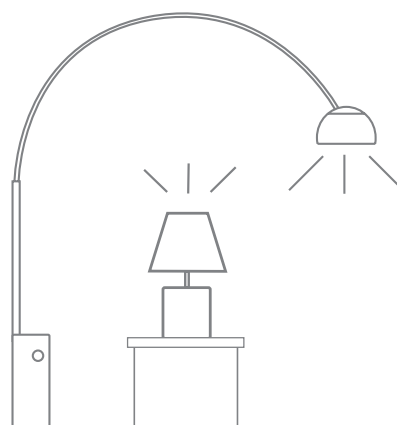
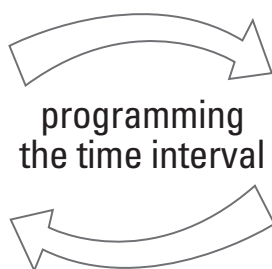


TIMED RETURN TO PROGRAMS

The system is able to recall two of the nineteen memorized programs at specifically set intervals. At regular intervals, all the lamps present in the room will switch between the levels of light memorized in programs 18 and 19




scenario 18



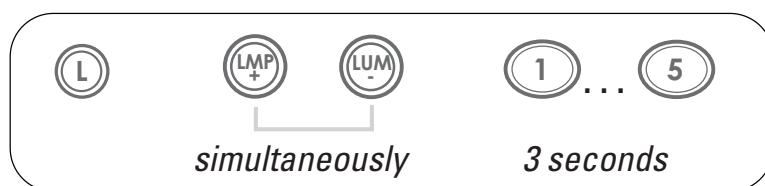
scenario 19

Memorize the first of the two configurations with program number 18 (see pag. 11).

Memorize the second of the two configurations with program number 19 (see pag. 11).

Press  key and then, simultaneously, press the  +  keys, then to choose the interval, hold the desired key down for 3 seconds (a key from  to )









- ① 30 second interval
- ② 2 minute interval
- ③ 10 minute interval
- ④ 30 minute interval
- ⑤ 60 minute interval



To end the timed recall of programs, it is necessary to press the  button

In any case, timed recall of programs ends automatically after 8 hours of continuous use.

TROUBLESHOOTING



















Problem	Possible solution
The Magic Box does not respond to any command	<ul style="list-style-type: none"> ● Verify that the Magic Box is correctly connected to the power outlet. ● Check whether the LED on the remote control comes on when keys are pressed. If it doesn't, check the batteries. ● Verify that the remote control is set on the same channel as the lamp: <ul style="list-style-type: none"> - visualize the channel by pressing SHIFT and then LUM+ LUM- simultaneously for about 3 seconds - set the channel on the remote control, see pag. 14 ● If it the timed recall of programs is set, it is necessary to press the "OFF" button to return to the normal functioning mode.
The remote control unit recalls programs but does not respond to the   command  	<p>The remote control is not transmitting to the device you want to program:</p> <ul style="list-style-type: none"> - recall the device by repeatedly pressing the LMP+ key until the device flashes on and off <p style="text-align: center;"><i>or</i></p> <ul style="list-style-type: none"> - visualize the identification number of the device by pressing SHIFT and then LMP+ LMP- simultaneously for about 3 seconds <p>- recall the device directly, see pag.11</p>
The timed recall of programs will not stops	It is necessary to press the "OFF" button to return to the normal functioning mode
Pressing one of the   modifies the intensity   of the lamps connected to the Magic Box and also of an Anellum	It is necessary to assign different identification numbers to the devices, see pag. 9

Problem	Possible solution
I have several devices installed in different rooms and the remote control in one room commands the lamps installed in another room in my apartment	It is necessary to assign each device with a different transmission channel for each room, see pag. 13
I have trouble accessing functions that required me to press several keys sequence	Be careful not to press keys in sequence. "Sequence" does not mean "simultaneously" Press keys at intervals of not more than 2 seconds, one after the other
The timed recall of programs stops after few hours	This is normal. Timed recall stops automatically after 8 hours

*If you have a problem that is not included in this list, please contact us via e-mail at this address: **customercare@muvis.com** or consult our website **www.muvis.com***

SUMMARY TABLE OF COMMANDS

In the "KEYS" column, you'll find the keys to press in sequence, the last key of the sequence should be held down for the time indicated in the "Time" column. The keys that must be pressed simultaneously are listed in the last square.

Keys 1	Keys 2	Keys 3	Keys 4	Time	Description
					Turns off lamps
 ... 					Program recall 1 through 9
	 ... 				Program recall 10 through 19
				3"	Memorizes program on the specific lamp
		 ... 			Memorizes programs 1 through 9
			 ... 		Memorizes programs 10 through 19
					Recall the next devices
					Recall the previous device

Keys 1	Keys 2	Keys 3	Keys 4	Time	Description
					Raises the level of luminosity of all the lights on the channel
					Lowest the level of luminosity of all the lights on the channel
					Raises/lowers light bulbs luminosity
					Maximum/minimum light bulb luminosity
					Select device 1..9
					Select device 10-19
					Select device 20-29
					Select device 30-39
					Select device 40-49
					Select device 50-59
				5"	Programs the remote control on channel 1...9
				5"	Programs the remote control on channel 10...19
				5"	Programs the remote control on channel 20...29
				5"	Programs the max number of lamps managed by remote control
				3"	Visualizes the ID Code
				3"	Visualizes the identification number of the lamp
				3"	Visualizes the channel number
	4 cifre Codice ID	2 cifre canale	3 cifre n° identificativo	3"	Programs the channel number and the ID number
				3"	Timed return to programs

TECHNICAL ASSISTANCE

If the indications given in the “Troubleshooting” section are not sufficient to enable you to solve the problem you have with the device, please send an e-mail message to:

customercare@muvis.com

our technicians will contact you promptly in order to solve the problem you have with your Magic Box as quickly as possible.

For further information, please visit our website: www.muvis.com

WARRANTY

This device is guaranteed against defects, under normal conditions of use and if installation was done correctly, according to indications contained in this manual, for a period of two years from the date of purchase as certified by proof of purchase (receipt). During this time period, if the device should stop functioning or function in a way that does not conform with the characteristics listed and guaranteed due to a defect in manufacturing or production materials, the device will either be repaired to render it compliant or replaced, at the consumer's expense in both cases.

Defects arising from improper or incorrect use of the product, modifications made by the consumer and/or installation that is non-compliant with the instructions contained in this manual are not covered by the warranty. To apply the warranty, you must take or send the product back where it was purchased it, or to one of the customer service centres indicated on the site www.muvis.com together with the proof of purchase. Repairs or substitutions will be made within a reasonable length of time from the request, excepting delays that may arise from temporary unavailability of the product or the material. Please keep your original proof of purchase (receipt).

To purchasers that are not defined as “consumers” please apply the warranties in accordance with articles 1492 and subsequent of the Italian Civil Code, to be activated within the terms and methods established by the aforementioned laws.

CERTIFICATION

Electromagnetic Compatibility
EN 301 489-1/-3 V1.4.1 (2002-08)
EN 55015 + A1 (2001) + A2 (2002)
EN 61547 (1995) + A1 (2000)

Electric safety
EN 61347-2-2
EN 60669-1
EN 60669-2-1
EM FLVD 73/23/CEE LVD 73/23/CEE
EN 50366