

Special control

067553 L4651M2
H4651M2 AM5831M2

Description

Special control, flush-mounted with two modules, equipped with 4 buttons and a two-colour LED that can be adjusted/switched off with the button on the control. The control allows you to create both standard and special functions (timed On, scenario control, dimmer, sound system and video door entry functions).

Technical data

Power supply via SCS BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Current draw at maximum LED brightness:	6 mA for H4651M2 7.5 mA for 067553 8.5 mA for L4651M2 and AM5831M2
Operating temperature:	5 – 35°C

Dimensions

Size: 2 flush-mounted modules

Configuration

If the device is installed in a My Home system it can be configured in two ways:

- PHYSICAL CONFIGURATION, inserting the configurators in position.
- Configuration via MYHOME_Suite software package, downloadable from www.homesystems-legrandgroup.com; this mode has the advantage of offering many more options than the physical configuration.

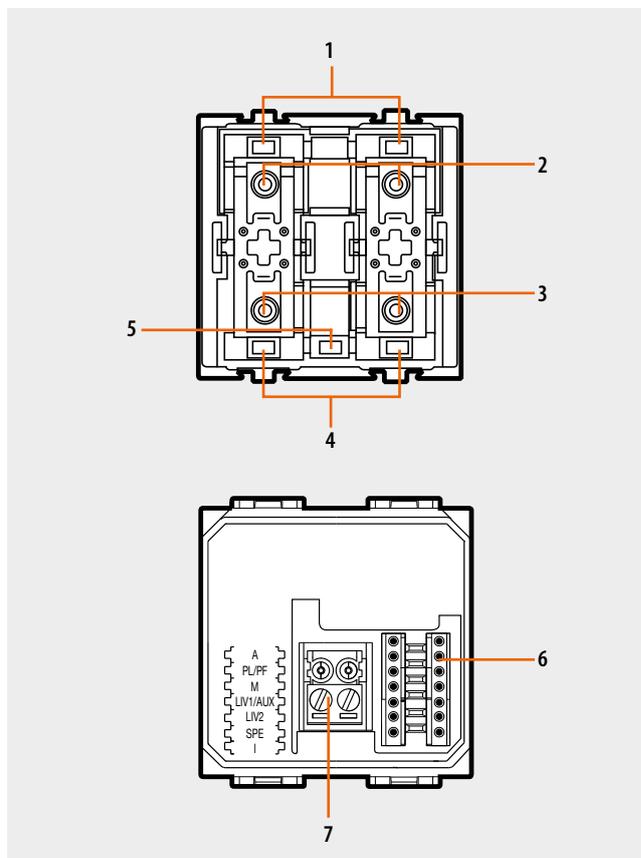
For a list of the procedures and their meanings, please refer to the instructions in this sheet and to the "Function Descriptions" help section in the MYHOME_Suite software package.

List of Functions

The device performs the following functions:

1. LIGHT SWITCH
2. AUTOMATION CONTROL
3. DEVICE LOCKING/UNLOCKING
4. SCENARIO MODULE CONTROL
5. PROGRAMMED SCENARIO ACTIVATION
6. PLUS PROGRAMMED SCENARIO ACTIVATION
7. VIDEO DOOR ENTRY FUNCTIONS
8. SOUND SYSTEM CONTROL

See the following pages for the configuration procedures.

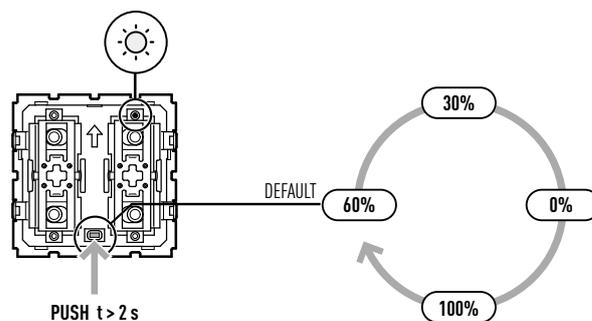


Legend

1. LED
2. Top buttons
3. Bottom buttons
4. LED
5. LED control/off button
6. Configurator socket (note that this must only be used in My Home systems with the physical configuration)
7. BUS

LED Adjustment

PUSH



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Function selection

1. Light switch

1.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9
Room		0-10	A=AMB, PL=1-9
Group		1-255	A=GR, PL=1-9
General		general	A=GEN, PL=-

Installation and destination level:

The special control can also be used in systems where there are SCS/SCS interfaces (F422). or more actuators located on the BUS of another interface (destination level).
By installing the control on the BUS of an interface (installation level), you can control one

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

To configure the installation level use MYHOME_Suite virtual configuration.

1.2 Mode

1.2.1 ON/OFF control:

Function	Virtual configuration (MYHOME_Suite)		Physical configuration
	Parameter / setting		
	Cyclic		SPE=0, M=0
	ON		SPE=0, M=ON
	OFF		SPE=0, M=OFF
	Button		SPE=0, M=PUL
	ON with top button, OFF with bottom button.		SPE=0, M=0/1
Timed ON		0.5sec	SPE=0, M=8
		2sec	SPE=1, M=7
		30sec	SPE=0, M=7
		1min	SPE=0, M=1
		2min	SPE=0, M=2
		3min	SPE=0, M=3
		4min	SPE=0, M=4
		5min	SPE=0, M=5
		10min	SPE=1, M=8
	15min	SPE=0, M=6	

For custom timed ON with period 0 to 255 hours use MYHOME_Suite virtual configuration.

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1.2.2 ON/OFF Control and ADJUSTMENT (Point-to-Point only):

Virtual configuration (MYHOME_Suite)	Physical configuration
Parameter / setting	
ON/OFF and cyclic ADJUSTMENT ON/OFF when pressing briefly and adjustment when holding down	SPE=0, M=0
ON with top button, OFF with bottom button and DIMMER when held down	SPE=0, M=0/1
ON with adjustment at 10%	SPE=3, M=1
ON with adjustment at 20%	SPE=3, M=2
ON with adjustment at 30%	SPE=3, M=3
ON with adjustment at 40%	SPE=3, M=4
ON with adjustment at 50%	SPE=3, M=5
ON with adjustment at 60%	SPE=3, M=6
ON with adjustment at 70%	SPE=3, M=7
ON with adjustment at 80%	SPE=3, M=8
ON with adjustment at 90%	SPE=3, M=9

1.2.3 ON/OFF Control and ADJUSTMENT (custom Point-to-Point only).

Virtual configuration (MYHOME_Suite)		Physical configuration	
Parameter / setting		Switch-on time (s)	Switch-on level 1 to 99%
ON/OFF and cyclic ADJUSTMENT ON/OFF when pressing briefly and adjustment when holding down.	Soft-start and soft-stop setting from 0 to 255 seconds and switch-on level from 0 to 100%.	1	SPE=5 M=0
		2	SPE=5 M=1
		3	SPE=5 M=2
		5	SPE=5 M=3
		10	LIV1=0 – 9, SPE=5 M=4
		20	LIV2=0 – 9 ¹⁾ SPE=5 M=5
		40	SPE=5 M=6
		60	SPE=5 M=7
		120	SPE=5 M=8
		255	SPE=5 M=9
ON with top button, OFF with bottom button and DIMMER when held down.	Soft-start and soft-stop setting from 0 to 255 seconds, switch-on level from 0 to 100%	1	SPE=9 M=0
		2	SPE=9 M=1
		3	SPE=9 M=2
		5	SPE=9 M=3
		10	LIV1=0 – 9, SPE=9 M=4
		20	LIV2=0 – 9 ²⁾ SPE=9 M=5
		40	SPE=9 M=6
		60	SPE=9 M=7
		120	SPE=9 M=8
		255	SPE=9 M=9

NOTE 1: Selection of fixed adjustment level from 1% to 99% via positions LIV1=0 – 9 and LIV2=0 – 9. The management is cyclic with ON at the selected level and OFF. If LIV1=LIV2=0, the control allows cyclically switching ON (at the last saved level) and OFF when pressing briefly. In the case of point-to-point controls the adjustment is made by pressing and holding down.

NOTE 2: selection of fixed adjustment level from 1% to 99% via positions LIV1=0–9 and LIV2=0–9. The control is ON at the selected level with the top button and OFF with the bottom button. If LIV1=LIV2=0, the control allows switching ON (at the last saved level) by briefly pressing the top button and OFF with the bottom button; only in the case of point-to-point controls will pressing and holding down enable making the adjustment (upwards with the top button and downwards with the bottom button) on 100 levels.

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1.2.4 Blink command

When an actuator receives a blink command, it implements it by closing and opening the relay for a time equal to T that can be configured as shown in the table.

Combine it with a command configured OFF to switch it off.

Virtual configuration (MYHOME_Suite)		Physical configuration
Parameter / setting		
	Blink 0.5 s	SPE=2, M=0
	Blink 1 s	SPE=2, M=1
	Blink 1.5 s	SPE=2, M=2
	Blink 2 s	SPE=2, M=3
	Blink 2.5 s	SPE=2, M=4
	Blink 3 s	SPE=2, M=5
	Blink 3.5 s	SPE=2, M=6
	Blink 4 s	SPE=2, M=7
	Blink 4.5 s	SPE=2, M=8
	Blink 5 s	SPE=2, M=9

For blinking with a period of from 5.5 to 8 seconds, use MYHOME_Suite virtual configuration

2. Automation control

2.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9
Room		0-10	A=AMB, PL=1-9
Group		1-255	A=GR, PL=1-9
General		general	A=GEN, PL=-

Installation and destination level:

The special control can also be used in systems where there are SCS/SCS interfaces (F422). or more actuators located on the BUS of another interface (destination level).
 By installing the control on the BUS of an interface (installation level), you can control one

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

To configure the installation level use MYHOME_Suite virtual configuration.

2.2 Mode

Virtual configuration (MYHOME_Suite)		Physical configuration
Parameter / setting		
	Bistable control	SPE=0 M=↑↓
	Monostable control	SPE=0 M=↑↓M

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3. Device locking/unlocking

3.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9
Room		0-10	A=AMB, PL=1-9
Group		1-255	A=GR, PL=1-9
General		general	A=GEN, PL=-

Installation and destination level:

The special control can also be used in systems where there are SCS/SCS interfaces (F422). or more actuators located on the BUS of another interface (destination level).
By installing the control on the BUS of an interface (installation level), you can control one

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

To configure the installation level use MYHOME_Suite virtual configuration.

3.2 Mode

	Virtual configuration (MYHOME_Suite)	Physical configuration
	Parameter / setting	
	Disable (bottom button)	SPE=1, M=1
	Enable (bottom button)	SPE=1, M=2
	Disable (top button) - Enable (bottom button)	SPE=1, M=3

4. Scenario module control

4.1 Addressing

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Room (of the scenario module)		0-10	A=1-9
Light point (of the scenario module)		0-15	PL=1-9

Installation and destination level:

The special control can also be used in systems where there are SCS/SCS interfaces (F422). By installing the control on the BUS of an interface (installation level), you can control one or more scenario modules located on the BUS of another interface (destination level).

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

To configure the installation level use MYHOME_Suite virtual configuration.

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4.2 Mode

Virtual configuration (MYHOME_Suite)			Physical configuration
Function	Parameter / setting		
Scenario activation and modification	Scenario top button	1-16	SPE=6, M=1-4 ¹⁾
	Scenario bottom button	1-16	
Scenario activation	Scenario top button	1-16	SPE=4, M=1-9 ²⁾
	Scenario bottom button	1-16	

For Delayed activation of the top/bottom button use MYHOME_Suite virtual configuration

NOTE 1): With the special control you can retrieve, create, or modify 4 scenarios saved in the scenario module F420. Each button on the control can be linked with one of the saved scenarios by configuring position M, as shown in the table.

NOTE 2): Repeating scenario 1 – 9 of the scenario module F420 whose address is indicated in positions A and PL of the control (complete the control with a double button cover).

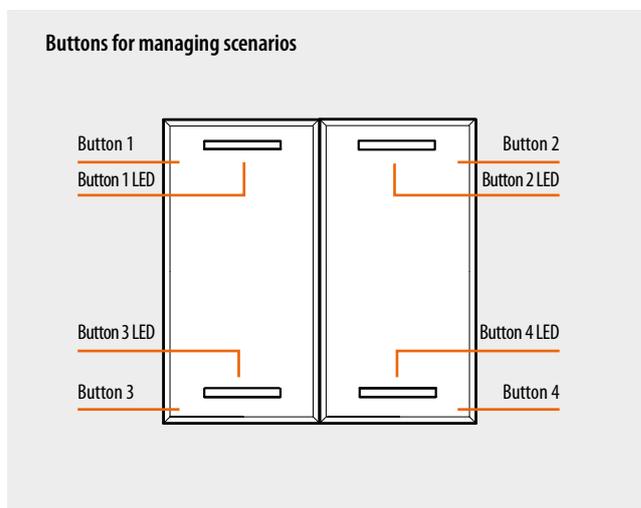
Value of configurator M	Button 1 (T1)	Button 2 (T2)	Button 3 (T3)	Button 4 (T4)
1	scenario 1	scenario 2	scenario 3	scenario 4
2	scenario 5	scenario 6	scenario 7	scenario 8
3	scenario 9	scenario 10	scenario 11	scenario 12
4	scenario 13	scenario 14	scenario 15	scenario 16

NOTE: M = 1-4 identifies the group of scenarios to be controlled with the four buttons T1, T2, T3 and T4.

Scenario programming

To program, change or delete a scenario you need to enable programming module F420 so that the status LED is green (press the locking/unlocking button on the scenario module for at least 0.5 seconds) and then continue with the following steps:

- 1) press one of the four special control buttons to which the scenario should be associated to for 3 seconds and the corresponding LED will start blinking;
- 2) set the scenario using the corresponding controls for the various Automation, Temperature Control, and Sound System functions;
- 3) confirm the scenario by briefly pressing the corresponding button on the special control to exit the programming mode;
- 4) to change a scenario, or to create new ones to use with the other buttons, repeat the procedure starting from point 1. To recall an already set scenario, briefly pressing the corresponding button on the control is enough. If you want to delete a scenario completely, press and hold down the corresponding button for approximately 10 seconds.



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5. Programmed scenario activation

Enabling buttons for sending a command to the scenario programmer MH200N.
The address of the assigned command in positions A and PL must be unique and match

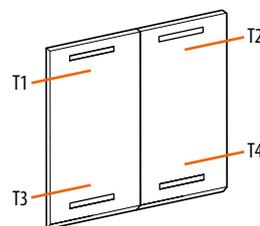
the scenario to be activated. The control can be connected at any point in the system (local bus or riser).

5.1 Addressing

		Virtual configuration (MYHOME_Suite)	Physical configuration
Addressing type	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9

5.2 Mode

	Virtual configuration (MYHOME_Suite)	Physical configuration
Top button	0-31	SPE=0 M=CEN
Bottom button	0-31	SPE=0 M=CEN



6. Plus programmed scenario activation

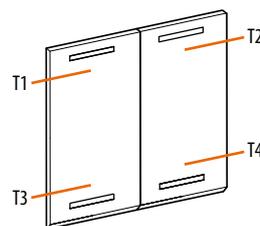
To configure the number 1 - 2047 of the scenario and of the buttons 0 - 31 on the control device, use MYHOME_Suite virtual configuration

7. Video door entry functions

7.1 Unlocking control

7.1.1 Addressing

Addressing type	Virtual configuration (MYHOME_Suite)	Physical configuration
Address of the external unit	0-95	A=1-9 PL=1-9 ¹⁾



Note 1): Define the address P (two digits) of the external unit whose lock is to be controlled with button T3 (bottom left).

Button T4 (bottom right) controls the lock of the external unit P+2. Button T1 (top left) controls the lock of the external unit P+1 and button T2 (top right) that of the external unit P+3.

Destination level

	Virtual configuration (MYHOME_Suite)	Physical configuration
	Same command level	SPE=7 M=1

To set the Riser or Backbone destination level use MYHOME_Suite virtual configuration

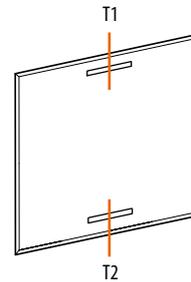
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7.2 Floor call control

7.2.1 Addressing

Define the address (two digits) of the internal unit to call by using the control device.



Addressing type	Virtual configuration (MYHOME_Suite)	Physical configuration
Address of the internal unit	0-99	A=1-9 PL=1-9

Type of call:

Virtual configuration (MYHOME_Suite)	Physical configuration
Function	
Point-to-point	SPE=7 M=2

To configure the "General" call use MYHOME_Suite virtual configuration

7.3 Control for stair lighting

7.3.1 Addressing

The device takes on the function of the stair lights power button of the internal unit identified by its address (two digits).

Virtual configuration (MYHOME_Suite)		Physical configuration
Function	Parameter / setting	
Address of the internal unit from which the lights are controlled.	0-99	SPE=7 M=3 A=1-9, PL=1-9

8. Sound system control

This mode allows you to control the amplifiers and the sources of the Sound System.

8.1 Addressing

You can manage a single amplifier (point-to-point control), some amplifiers (room control) and all the amplifiers in the system (general control).

Virtual configuration (MYHOME_Suite)			Physical configuration
Addressing type		Parameter / setting	
Point-to-point	Room	0-9	A=0-9
	Sound point	0-9	PL=0-9
Room	Room	0-9	A=AMB
			PF=0-9
General		General	A=GEN

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Follow Me mode

Enables, upon powering the amplifier, activating the last source switched on.

Function	Virtual configuration (MYHOME_Suite)		Physical configuration
	YES	Parameter / setting	
Switch back on from the last source	YES	YES	M=0
	NO	Definition of the source 1-4	M=1-4 ¹⁾

NOTE 1): indicates the sound source to be activated before switching on the amplifier.

For example:

- if A=1, PL/PF = 1 and M=3 the command will control the amplifier with address A=1 and PF=1 and activate source number 3.

The buttons on the special control perform the following functions:

- 1) Briefly pressing T1 sends out the following sequence:
 - sources ON, source 1 is turned on only if M=0;
 - amplifier ON
- 2) Pressing and holding down T1:
 - for point-to-point commands if the amplifier is already on only the volume (VOL+) is controlled; if the amplifier is switched off the switch-on sequence is sent first;
 - for Room, Group and General controls only the volume is controlled.
- 3) Pressing and holding down T3 controls the volume (VOL-).
Briefly pressing it sends the OFF command to the amplifier.
- 4) Pressing button T2 changes the source.
- 5) Button T4 is the control for the active source

