

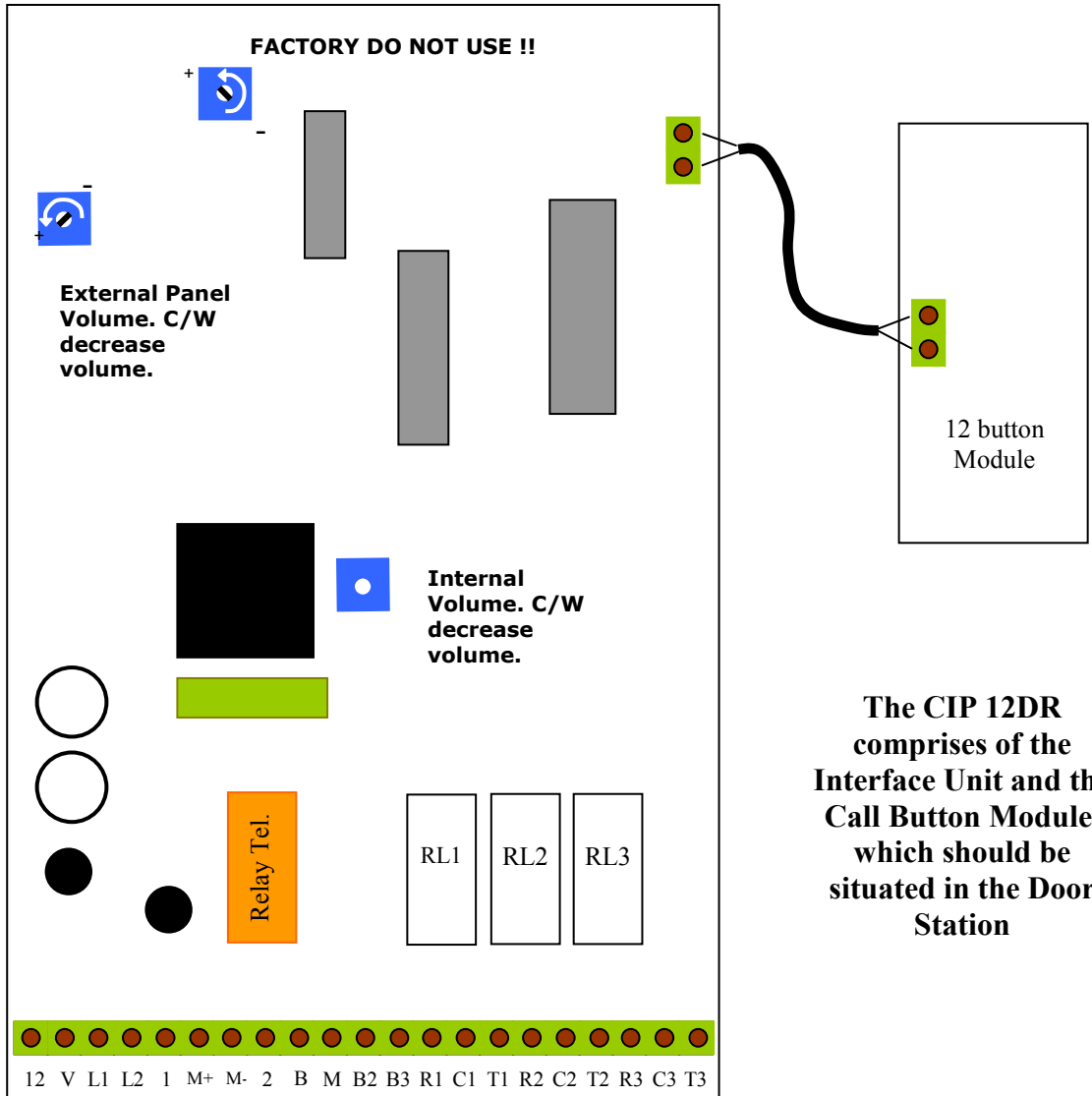


# CIP 12DR

## TELEPHONE ENTRY SYSTEM - 12 NUMBERS

Compatible with **analogue** telephone lines and PABX.  
The CIP 12DR works in tone mode ( DTMF ).

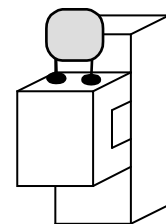
WIRING DIAGRAM AND INSTRUCTIONS



The CIP 12DR comprises of the Interface Unit and the Call Button Module, which should be situated in the Door Station

The distance between the MHPT microphone speaker and the CIP 12DR should not exceed 10 m.

This device comes with a varistor.  
The varistor must be connected to the strike terminal (electromagnet...) operated by the device.  
If this product works with many strikes, each of them should have a varistor.  
The varistor controls the overload produced by the strike coil – self-effect.



If you are using a « Shear Lock » electromagnetic lock, it is recommended to use a separate power supply than the one connected to the **CIP 12DR** !



### **Technical specifications**

Power supply 18V DC or 12V AC  
 Consumption 300mA  
 Compatible with all telephone operator systems  
 Up to 12 telephone numbers in day time mode  
 Up to 12 telephone numbers in night time mode  
 Requires only one telephone line  
 Tone mode operating  
 3 relay outputs N/O and N/C 3A/ 125VAC or 3A/30V DC  
 1 analogue telephone line input  
 1 input/output external Microphone speaker (MHPT)  
 Potentiometer adjustable volume of the microphone and speaker  
 Programming from telephone unit  
 Communication default time: 45 second

### **Features**

- 4-digit master code for programming.
- 15-digit telephone number
- 12 telephone numbers for day mode
- 12 telephone numbers for night mode
- 1 Request-to-Exit input (B1 and M )
- 1 Day/Night contact (open: day, closed: night)
- 1 door relay N/O and N/C (activated from push button or telephone)
- 1 relay output N/O & N/C contact to activate a camera during conversation
- 1 relay output N/O & N/C (activated from telephone unit)

### **Default Values**

- Door release time: 1 sec
- Time conversation / camera: 45 sec
- Aucun numéro d'appel
- Day/Night mode from input contact

### **Factory Reset Procedure**

To reset the telephone numbers in the unit, short terminals B3 & M. Cut the power and then restore the power again. Wait 5 seconds.

Two audible beeps confirm that the unit has been reset to the default values.

Remove the strap between B3 and M

### **Programming**

The programming of the unit is made from a telephone unit. Dial the extension number or the telephone number to which the CIP/12DR is connected to  
 Each programming change is validated by an audible beep.

#### **Programming Mode:**

- Call the CIP/3DR from a telephone unit. The unit will answer by emitting an audible beep. Enter the master code "\*\*\*#",

Two beeps confirm entry in programming mode.

#### **Communication time**

- Press \*0 followed by the time (from 001 to 120 sec). One audible beep confirms the time set.

**Release Time for Relay #1**

- Press \*1 followed by the release time (from 01 to 99 sec). A Beep confirms the time for relay #1.

**Release Time for Relay #3**

- Press \*2 followed by the release time (from 01 to 99 sec). A Beep confirms the time for relay #2.

**Programming Day time telephone number**

- Press \*3 then enter the button number (button from 01 to 12)
- Enter the telephone number (15-digit maximum) then after the last digit, wait 3 seconds for the beep confirmation.
- If three beeps are emitted the telephone number is already programmed.

**OR**

After entering the button number (01 to 12), if three beeps are emitted the telephone number is already programmed.

- To delete the number press the \* twice or press \*3 to program another telephone number or enter in another menu.

**Programming Night time telephone number**

- Press \*4 then enter the button number (button from 01 to 12)
- Enter the telephone number (15-digit maximum) then after the last digit, wait 3 seconds for the beep confirmation.
- If three beeps are emitted the telephone number is already programmed.

**OR**

After entering the button number (01 to 12), if three beeps are emitted the telephone number is already programmed.

- To delete the number press the \* twice or press \*4 to program another telephone number or enter in another menu.

**Programming Day/Night Mode**

- Press \*5 followed by 0 to activate the mode from the interface unit contact or press 1 to activate the mode from the telephone unit. A beep confirms the new mode.

**Exit from programming:**

- Once in programming after 15 seconds without any action, the unit exit from programming, then two beeps are emitted.
  - To exit from programming at any time press the # from the telephone unit.
- The communication is automatically ended. Hang up. In the case of a programming error, three beeps are emitted. Restart the programming.

**Interface unit**

The call is made by pressing one of the buttons on the front panel. One beep is emitted to confirm that the number has been dialed. From the telephone unit, which receives the call it is possible to:



Press "0" to end the communication without activating the relay

Press "1" to activate relay 1

Press "2" to activate relay 3

Press "3" to activate relay 1 and end the communication

Press "4" to activate relay 3 and end the communication

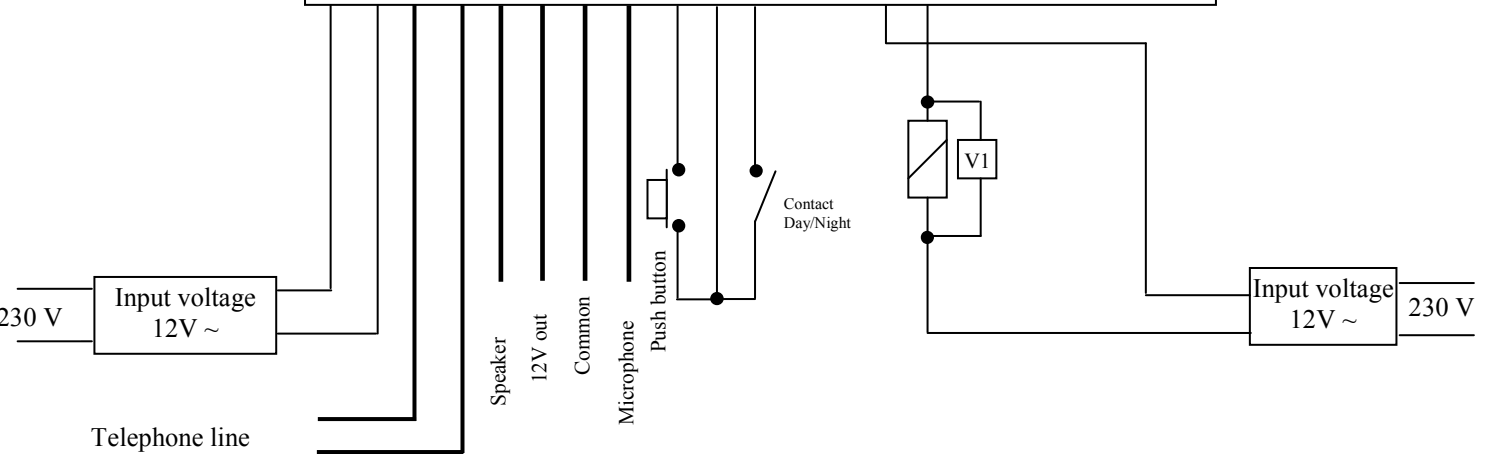
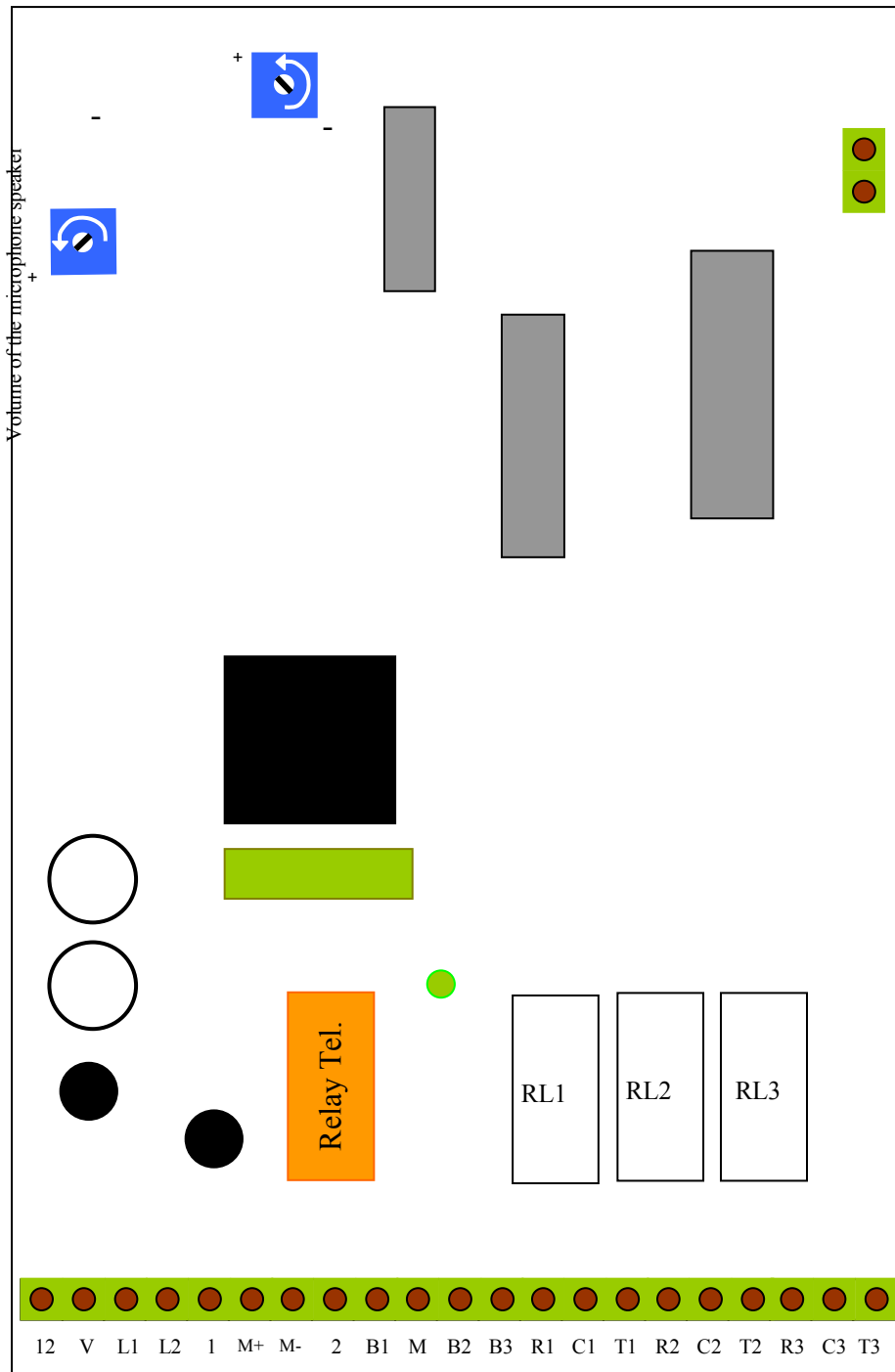
#### **Activation of the Day/Night mode from the contact**

- Contact open: Day time mode
- Contact closed: Night time mode

#### **Activation of the Day/Night mode from the telephone**

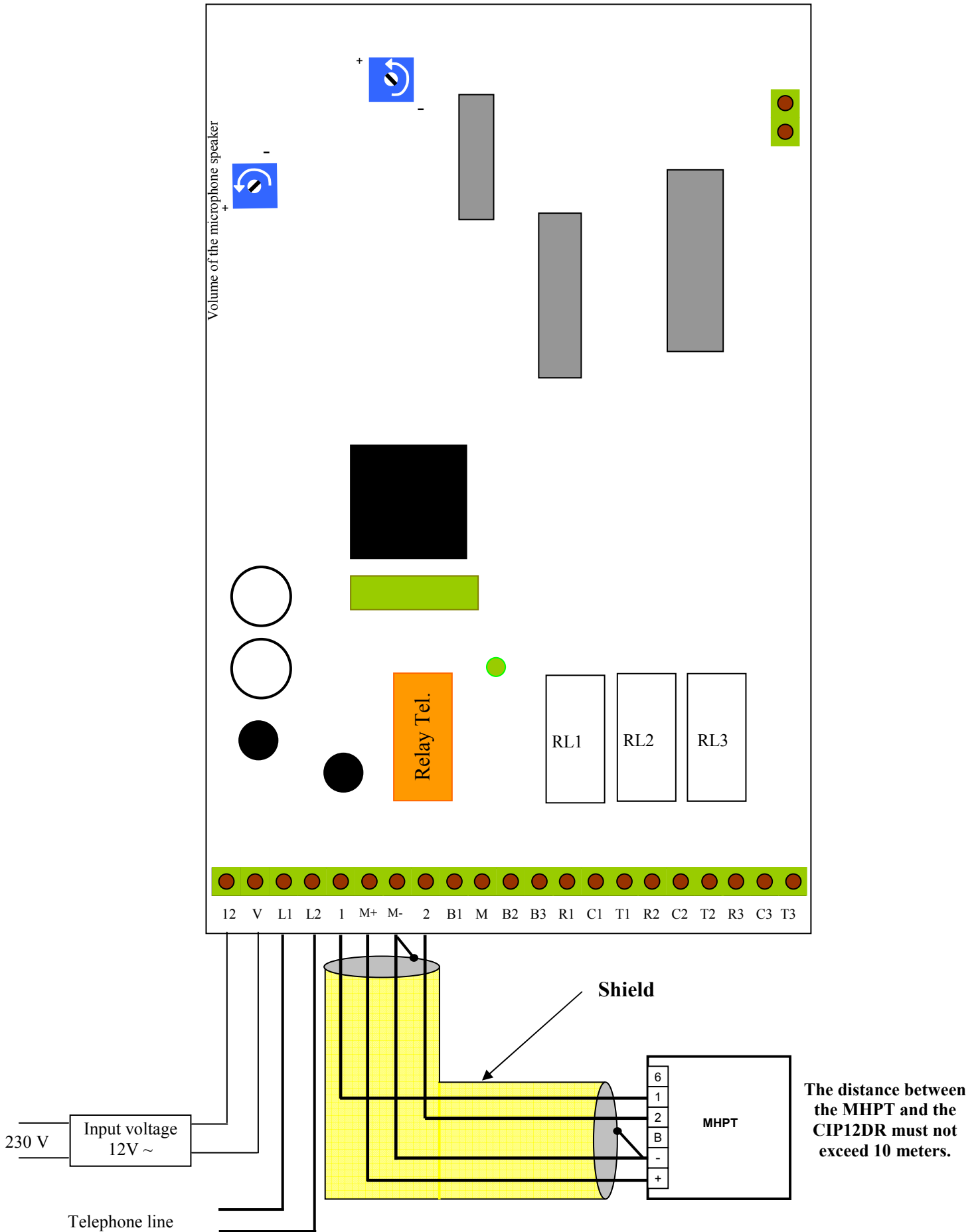
- To switch from the day mode to the night mode and vice versa, dial the number of the interface unit.
- Wait two rings – one beep is emitted to confirm the communication
- Press #0 to activate the night mode
- Press #1 to activate the day mode

If a 0 is programmed as the first digit, the interface waits a couple of seconds to select an external line before dialing the other digits.



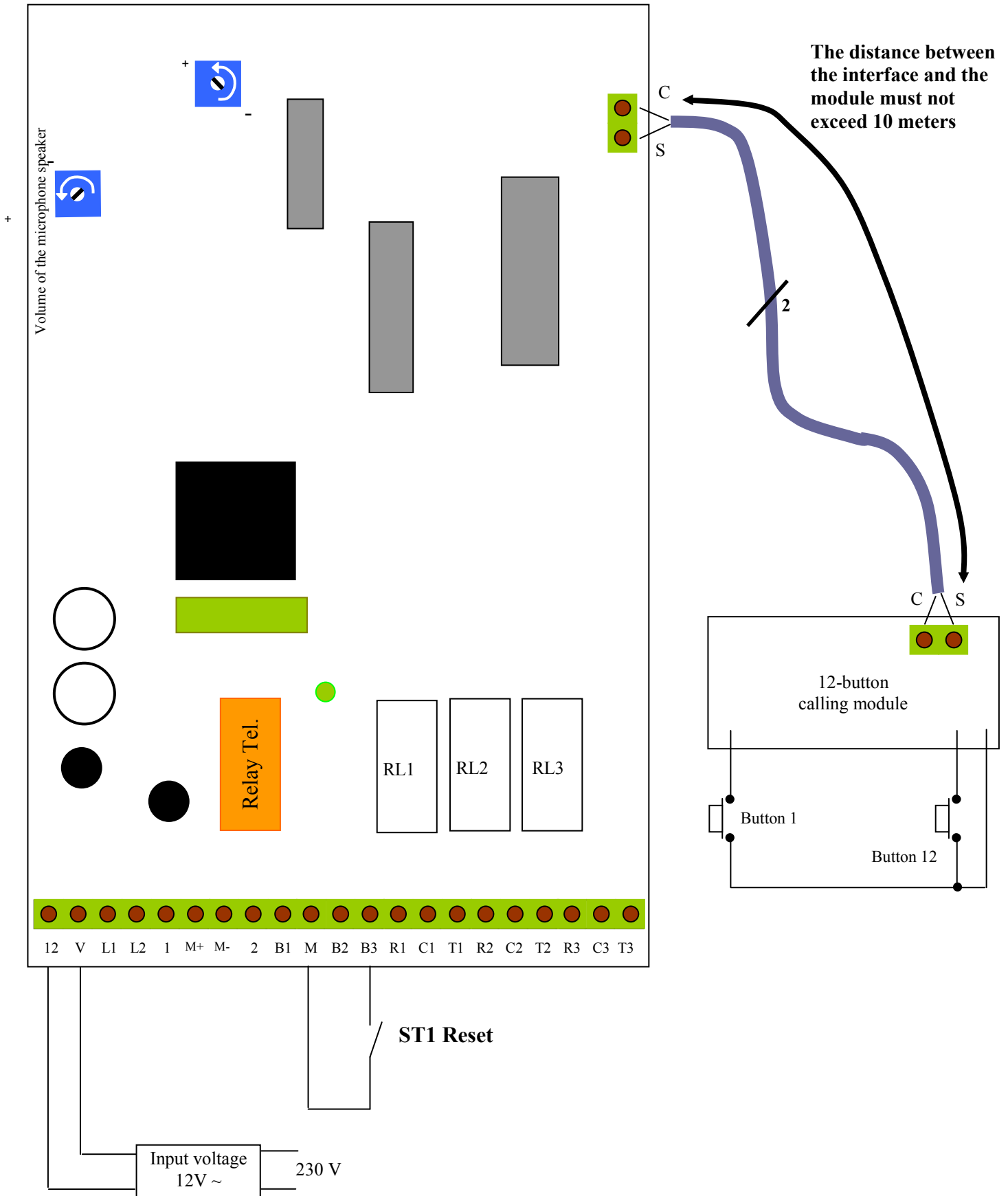


**Wiring diagram of the MHPT**





### Wiring diagram of the Push buttons





### Terminals on the CIP 12DR

12	Input voltage 12V AC or 18V DC
V	Input voltage 12V AC or 18V DC
<b>L1</b>	<b>Telephone line analogue</b>
<b>L2</b>	<b>Telephone line analogue</b>
1	MHPT external speaker
M+	MPHT 12V input voltage
M-	MHPT 0V input voltage
2	MHPT external microphone
B1	Push button
M	Common
B2	Day/Night contact
B3	ST1 Reset
<b>R1</b>	<b>N/C contact relay 1</b>
<b>C1</b>	<b>Common relay 1</b>
<b>T1</b>	<b>N/O contact relay 1</b>
R2	N/C contact relay 2
C2	Common relay 2
T2	N/O contact relay 2
<b>R3</b>	<b>N/C contact relay 3</b>
<b>C3</b>	<b>Common relay 3</b>
<b>T3</b>	<b>N/O contact relay 3</b>
V1 V2 V3	Varistors

**Relay 1:** Door Relay. The door relay can be activated from B1 push button or from the telephone unit (**Press 1**).

**Relay 2:** Relay activated during the conversation time - *can be connected to a camera.*

**Relay 3:** Activated from the telephone unit (**Press 2**).

*If you experience Feedback, it may be necessary to adjust the Speaker and Microphone volumes on the CIP 12DR*

### Programming telephone numbers



Door release time 1	Time release relay 3	Conversation time
* 1	*2	* 0

Button No.	Day time Tel. numbers *3	Button No.	Night time Tel. numbers *4
01		01	
02		02	
03		03	
04		04	
05		05	
06		06	
07		07	
08		08	
09		09	
10		10	
11		11	
12		12	

Door release time 1	Time release relay 3	Conversation time
* 1	*2	* 0

Button No.	Day time Tel. numbers *3	Button No.	Night time Tel. numbers *4
01		01	
02		02	
03		03	
04		04	
05		05	
06		06	
07		07	
08		08	
09		09	
10		10	
11		11	
12		12	

Administrator:		Date:
Building:		
N° :	Street:	
City:		
Other information:		