

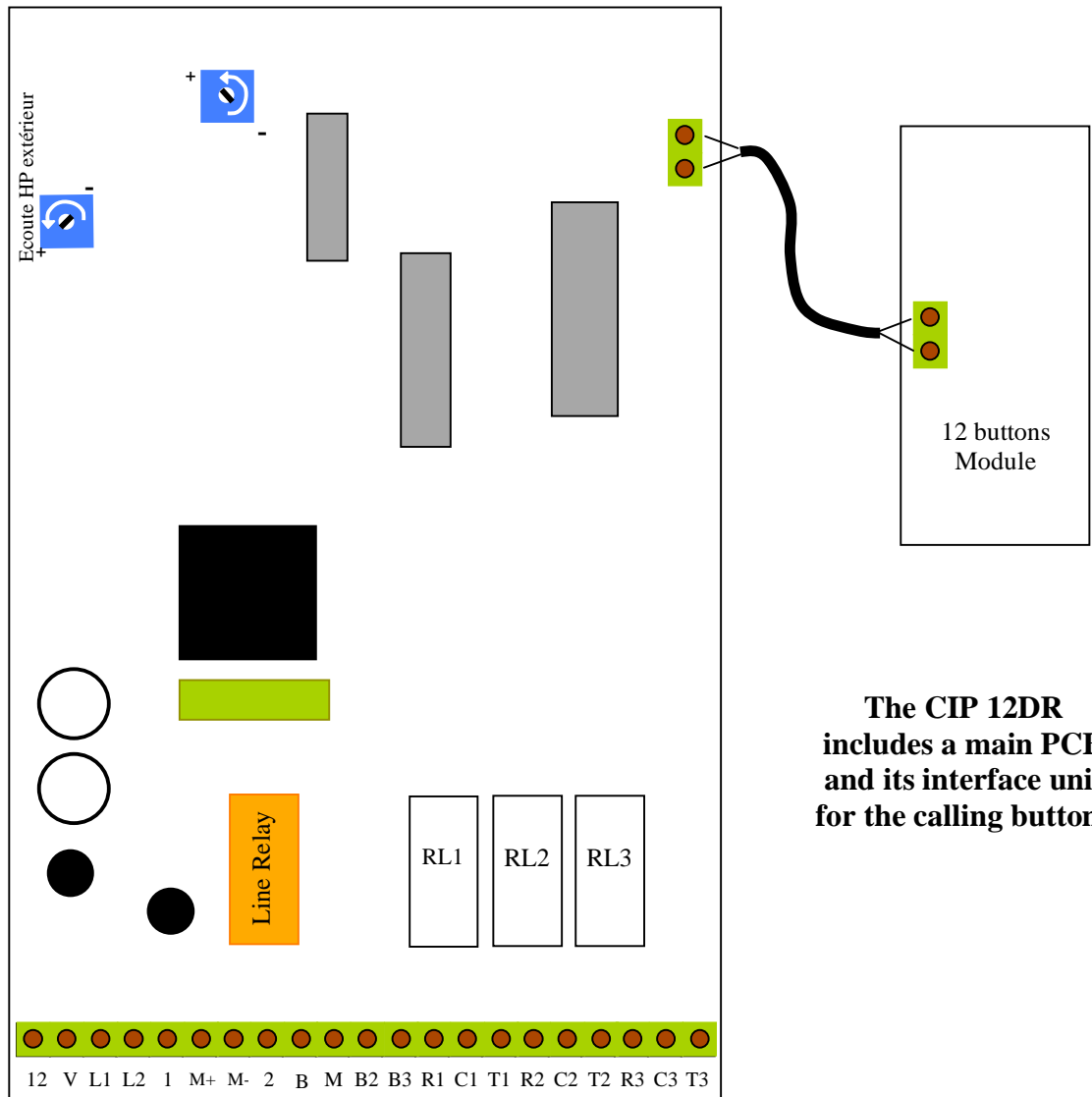


# CIP 12DR

## 12 PROGRAMMABLE TELEPHONE NUMBERS

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

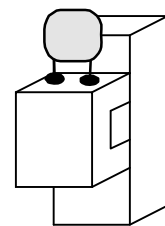
### WIRING DIAGRAM AND INSTRUCTIONS



**The CIP 12DR  
includes a main PCB  
and its interface unit  
for the calling buttons**

**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 possible in day time mode
- Up to 12 telephone numbers possible 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 of the 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 the conversation time
- 1 relay output N/O & N/C (activated from telephone unit)

## **Default Values**

- Door release time: 1 sec
- Time conversation / camera: 45 sec
- No Telephone number memorised
- Day/Night mode from input contact



## **Reset Procedure**

To make a reset of the telephone numbers in the unit, short terminal 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  
An audible beep validates each programming entry.

### **Programming Mode:**

- Call the CIP/3DR from a telephone unit the unit answer by emitting an audible beep. Enter the master code "\*\*\*#",  
Two beeps confirm entry in programming mode.

### **Communication time**

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

### **Release Time for Relay #1**

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

### **Release Time for Relay #2**

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

### **Programming Daytime telephone number**



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

### **Programming Nighttime telephone number**

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

### **Programming Day/Night Mode**

- Press on **\*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 exits from programming, then two beeps are emitted.
- To exit from programming at any time press on the # from the telephone unit.

The communication is automatically ended. Hang up.

In case of a computing error, three beeps are emitted. Start again the programming.



## Interface unit

To make a call press on one of the button 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: Daytime mode
- Contact closed: Nighttime 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

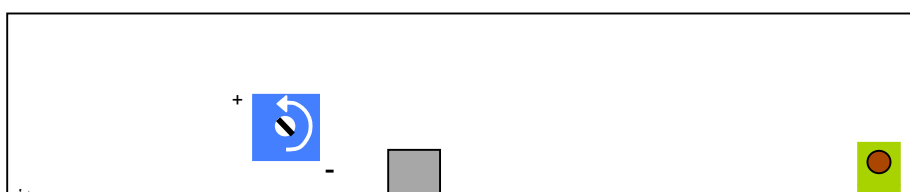
If a 0 is programmed as the first digit, the interface waits a couple of seconds to select an external line before dialing the other digits.

### Wiring diagram of the CIP 12DR



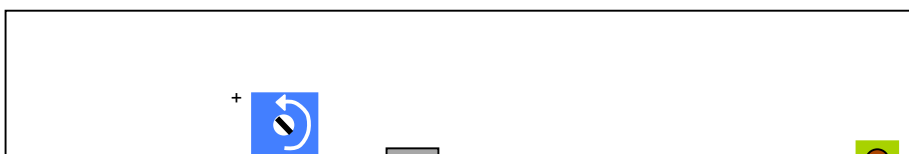


**Wiring diagram of the MHPT**





**Wiring diagram of the Push buttons**



C

The distance between the interface and the module must not





### Terminal on the CIP 12DR

12	Input voltage 12V AC or 18V DC
V	Input voltage 12V AC or 18V DC
L1	Analog Telephone line
L2	Analog Telephone line
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
R1	N/C contact relay 1
C1	Common relay 1
T1	N/O contact relay 1
R2	N/C contact relay 2
C2	Common relay 2
T2	N/O contact relay 2
R3	N/C contact relay 3
C3	Common relay 3
T3	N/O contact relay 3
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).

**To adjust the volume of the speaker, use the potentiometer.**



## 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	

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