6 ADVANCED CONFIGURATION

The MOD TEL 2 configuration is included in its µSD card.
The main elements are described in this document.
The user guide, included in the µSD card, gives a full and detailed description.

The µSD card has folders, their names and the tree structure must be preserved. These folders, with explicit names, hold several pre-recorded messages (MP3 or WAV files) which can be easily replaced.
«Carillon» holds the message to broadcast as carillon and «Message 1» to «Message 6» hold the corresponding files used when triggering inputs 1 to 6.
«Ambiance» folder holds the file which is permanently broadcasting if this option is activated. «Calendar» and «Dtmf» folders also hold the files used if these options are activated.

The µSD card also has a «time.txt» file allowing to set the product time and date, and a configuration file «conf.txt» allowing to view and modify all product settings. This file lists all parameters with the format CODE;PARAMETER_NAME;VALUE; :

- 100;MODE;0; (MOD TEL 2 mode selection)
- 221;NB_BROADCAST_I2;1; (number of message broadcast for input 2)
- 700;CALENDAR;1; (calendar activation)

If an error occurs in one of the parameters, the warning LED (red) lights up and a file, named «error.txt», is created on the µSD card with details on the error.
In case of an error, or if the µSD is pulled off, default values are used.

7 SPECIFICATIONS

Power supply	9 V - 24 V DC
Consumption	90 mA
Audio output	1 V, 600 ohms, balanced
Output relays	30 V, 50 mA
Dimensions	126 x 40 x 115 mm
Weight	310 g

MAJORCOM:

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56, Chemin de la Flambère
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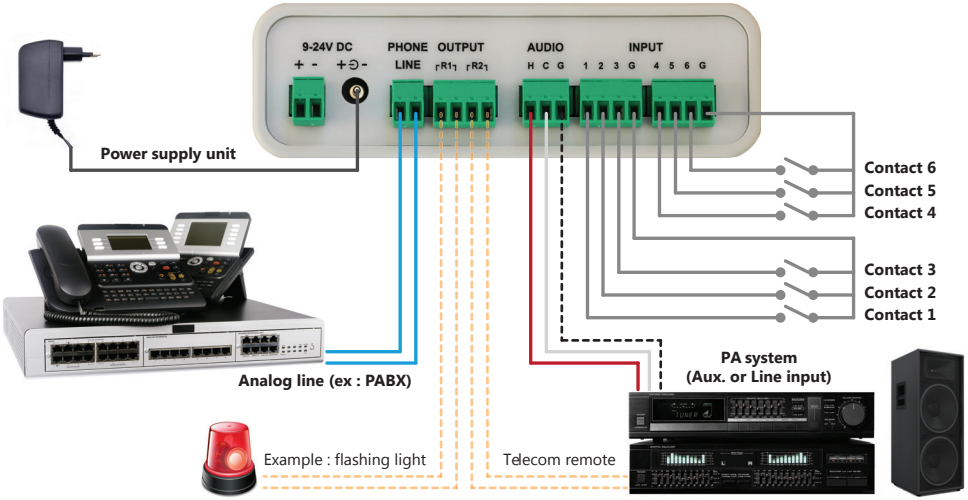
MAJORCOM:

INSTALLATION GUIDE
MOD TEL 2

1 CONTENT OF THE BOX

- 1 MOD TEL 2 announcement adapter
- 1 µSD card 4GB (included in the MOD TEL 2)
- 1 power supply unit 9V DC
- 1 USB to mini USB cable

2 SYNOPTIC VIEW



3 GETTING STARTED

To get started, the MOD TEL 2 should be powered and its audio output should be connected to a PA system input.
Then, the test button can be pushed or any of the 6 inputs can be triggered in order to broadcast a pre-recorded message.
Once the phone line has been connected, its corresponding number can be dialled from any phone in order to make an announcement through the PA system. To disconnect the communication, you may hang up the phone or remain silent.

4 CONNECTIONS

POWER SUPPLY

The MOD TEL 2 can be powered by the power supply unit 9V DC or by an external power supply 9V to 24V DC (not included).
It can also be powered by USB cable during its connection to a computer, but only temporarily, in order to change the default configuration.

AUDIO

The balanced audio output (H / C) is connected to a PA system auxiliary or line input with optional shield (G).
The audio connection guide, available on the µSD card, gives further information.

PHONE LINE

The phone line is connected to an analog line from the telephone network, either directly or through a telephone system (PBX).
You can dial its number to make an announcement from any phone. To end the announcement and disconnect the communication, you can remain silent (~2s) or hang up the phone, which will broadcast 1 or 2 busy tones through the PA system.

OUTPUT

The MOD TEL 2 has 2 output relays which can be connected to command external actions.
The first relay (R1) is activated during message broadcasting and the second relay (R2) during phone announcement. These outputs are usually connected to the PA system in order to mix audio inputs.

INPUT

The MOD TEL 2 has 6 input contacts, which can be connected by using one of the common pins (G).
The triggering of an input broadcasts the corresponding message (cf. §6).
Message 1 has priority over mess. 2, which has priority over mess. 3 ...
A higher priority message ends any broadcast in progress.

5 OPERATING ELEMENTS

LEDS

The power LED (green) lights up when the MOD TEL 2 is powered on.
The information LED (orange) lights up during message broadcasting or an announcement over the phone.
It blinks briefly at product startup and flashes in cadenced manner during USB connection.
The warning LED (red) lights up if the µSD card is pulled off or if it contains an error in its configuration.

USB MINI CONNECTOR

The USB mini connector is used to connect the MOD TEL 2 to a computer in order to change the pre-recorded messages or the configuration.
The MOD TEL 2 can be powered by USB cable during its connection to a computer, but only temporarily, in order to change the default configuration.

MICRO SD CARD

The µSD card holds the pre-recorded messages (MP3 or WAV files) and the product configuration files (cf. §6).
If the card is pulled off, the red LED indicates an error and the MOD TEL 2 allows only an announcement over the phone.
A custom µSD card, or one with higher capacity, can replace the one delivered with the product.
An error is indicated in case of any problem in the configuration file.

TEST BUTTON

A brief push on the test button triggers the broadcasting of a pre-recorded message in order to check that the MOD TEL 2 is working properly.

VOLUMES

The MOD TEL 2 has 2 volumes settings for message (MES.) and voice during a phone announcement (VOI.).
These manage to regulate the audio output level.