

*working with love is a bond with our customers*



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Certified UNI EN ISO 9001:2008 Reg. n°ER/ES-1072/2 002



# **TSA 2**

*ver. T.tel*

Emergency Alarm and Commu-  
nication System  
For Analog Line  
(PSTN)

## **Quick Installation Guide**

SW 1.4

This document does not replace the User Guide that is available for free download from our web site: [www.teledif.it](http://www.teledif.it).  
Our technical staff is available for any technical question.

## WIRING DIAGRAM

### CN1 (Power supply)

- 1: Positive (12 Vdc)
- 2: Negative (Ground)

### CN3 (Alarm contacts)

- 1 e 2: Main / Cab

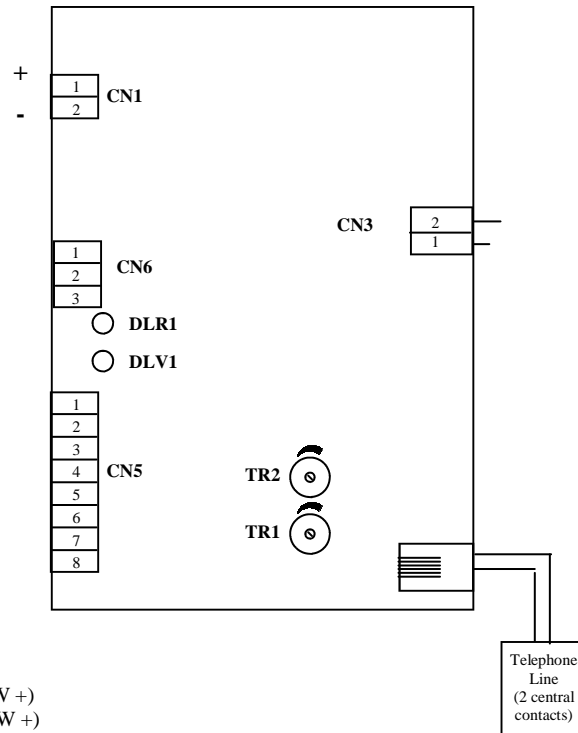
### CN5 (Handsfree and Relay)

- 1: Ground
- 2: Speaker
- 3: Microfone
- 4: Power out (12 Vdc)
- 5: Relay 1 n.o.
- 6: Relay 1 common
- 7: Relay 2 n.o.
- 8: Relay 2 common

### CN6 (Handset doorphone)

- 1: Speaker
- 2: Microfone
- 3: Ground

Example	
TSA 2	Urmet 824/500
CN5-1	-
CN5-2	1
CN5-3	2
CN5-4	+



**DLV1:** Green LED "ON"

**DLR1:** Red LED "LINE"

**TR1:** Audio level from line to cab (CCW- / CW +)

**TR2:** Audio level from cab to line (CCW - / CW +)

**INSTALLATION :** Connect power taking care of the polarity

**PROGRAMMING AND DATA READING:** Dial TSA2 telephone number, wait for the message, then dial:

- Star (\*) to access the system
- Password (default password: 1234 )
- Pound key (#) to start programming
- Programming or reading according to the following syntax:

Write code (11) - parameter to write - star (\*) - value - star (\*)

Read code (12) - parameter to read

It is always possible to write more parameters using the same sequence. To terminate programming and exit, digit pound key (#) or hang up.

The RED Led OFF means that the system is properly working.

The RED Led Fast Blinking means an error in the system (see User Guide).

Programming is always possible also with an active error.

## SYSTEM SETTING

In order to properly manage the device from a Call Center it is strongly recommended that the unique System ID Code is properly programmed (unique 6 digit number)

11 04 \* <System ID, 6 digit>\*

### MAIN ALARM

- 1) Program at least one of the five numbers reserved to the main alarm  
11 81 \* <Tel. No.>\*
- 2) Set the number of calling cycles (recommended endless=0)  
11 20 \*0\*

### REMOTE AUTO TEST (72 hours test)

- 1) Store the telephone number that will receive the 72 hours test calls and the delay time (in minutes) to start the first call  
11 88 \* <Tel. No.>\*  
11 42 \* <HH>\*  
11 43 \* <mm>\*

### BATTERY ALARM

- 1) Store the telephone number that will receive the low battery alarm  
11 89 \* <Tel. No.>\*

### MESSAGES RECORDING

- 1) Store at least the main message including the information to locate the system  
11 30 \* <sec>\*  
Parameter 30 is the number of the message to record and <sec> is the duration of the message. Repeat until the message is satisfactory recorded.

### ANSWER TO A CALL GENERATED BY TSA 2

- 1) Listen to the message including the alarm type and the location
- 2) Use the following commands:
  - 7 to listen again to the message
  - 5 to start voice communication with the elevator cabin
  - 4 to receive the alarm type and location from the system via DTMF tones
  - 9 to close the communication