



# Digital Sound for Telephone Hold 2 channels - Variable memory

# T15 "JINGLE"

**When someone calling your company is put on 'hold' by the operator, what does he listen to?**

An annoying, repetitive hold tone or, worse, an icy silence. Being put on 'hold' in this way can be a frustrating experience: many could hang up, others never call again.

On the other hand, being able to entertain your customers on 'hold' with a courtesy message or, even better, an informative announcement about your new products or services, all with a pleasant background music of your choice, means that your company's image and relationships will certainly improve.

- ◆ 5 standard hold messages recorded in 5 languages
- ◆ 4-8 copyright-free musical selections
- ◆ 2 separate, automatically mixed memory areas
- ◆ 30 to 360 second user-recordable messages
- ◆ 120 to 480 second user-recordable musical selection
- ◆ 80 pre-recorded menu messages in Italian / English
- ◆ Programmable message repetition interval
- ◆ Local/remote programming from telephone or PC
- ◆ Programming software for Windows 9x/Me/2000/XP
- ◆ Loading from Cassette, CD, .Wav-.MP3 files, etc.
- ◆ High-quality audio, excellent sound reproduction
- ◆ Advanced technology, doesn't wear out over time

**T15** is an innovative device for internal Voice on Hold applications that can be connected to any telephone switchboard (PABX) with external local analog or ISDN lines.

**T15** is entirely customizable, both messages and background music, directly by the user in local or remote mode by making a phone call from a normal DTMF-tone telephone. In this way, the user can also record the messages and music to be played on line to the calls on hold. Access to the system programming is password protected.

**T15** is provided with standard pre-recorded hold messages in five different languages and with 4 pre-recorded musical selections that can be played on telephone lines free of copyright or intellectual property rights.

**T15** is equipped with sold-state memory available to the user in 2 different memory areas for recording his own messages and background music, automatically mixed and toned down when messages are playing.

The memory contains an additional 80 pre-recorded messages in Italian and English used as a vocal guide when programming the devices.

**T15** is designed and developed by TEMA TELECOMUNICAZIONI S.r.l. which provides full support and technical service over time.



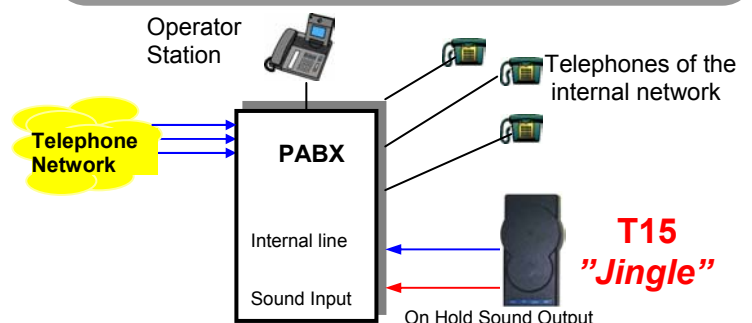
**Starting today, change music and messages whenever you want ... record them yourself!!**

### INNOVATIONS BY TEMA TELECOMUNICAZIONI

- |             |   |
|-------------|---|
| <b>T15</b>  | Digital Sound, total memory <b>4 minutes</b><br>Voice Guide with 80 menu messages<br>5 standard multilingual hold messages<br>1 30-second max. user message<br>4 pre-recorded, modifiable 120-s music selections    |
| <b>T15A</b> | Digital Sound, total memory <b>8 minutes</b><br>Voice Guide with 80 menu messages<br>5 standard multilingual hold messages<br>4 120-second max. user messages<br>8 pre-recorded, modifiable 240-s music selections  |
| <b>T15B</b> | Digital Sound, total memory <b>16 minutes</b><br>Voice Guide with 80 menu messages<br>5 standard multilingual hold messages<br>4 360-second max. user messages<br>8 pre-recorded, modifiable 480-s music selections |

#### Options:

- |                    |  |
|--------------------|--|
| <b>T15-UP</b>      | Upgrade expansion from T15 to T15A     |
| <b>T7006/28-UP</b> | Upgrade expansion of T15B 16-min. mem. |
| <b>T1X-Prokit1</b> | HW+SW for programming from PC          |
| <b>T1X-Prokit2</b> | HW+SW for programming from remote PC   |
| <b>PM015/1...</b>  | Message customization under way        |





## Initial Configuration Provided

The T15 is provided with all the guide messages pre-recorded in Italian and English, useful for guiding the user in the programming phase and recording new messages and music.

In another memory area, there are 5 standard hold messages in Italian, English, French, German and Spanish.

The user can program the number of messages to play and their order.

The user can also record from 1 to 4 additional personal messages, depending on the T15 model selected and program them to play in association with the standard messages or independently.

The last memory area holds from 4 to 8 (royalty-free) musical selections that can be replaced, in whole or in part, by recordings made directly by the user. The musical selections to play are programmable.

## Message repetition interval

While the selected music is played in a continuous cycle, the messages repeat at user-defined time intervals. In the event of messages with the same meaning in multiple languages, both the repetition time for the groups of messages and the pause time between one multilingual message and another can be programmed.

## Automatic tone down

When messages are playing, the background music is automatically toned down; at the end of the messages, the music is returned to the normal volume.

## 80 Voice Guide messages

Recorded in Italian and English to facilitate programming the system.

## Programming

Programming the parameters of the T15 device is very simple and can be performed by connecting the device to a normal local analog telephone line or a derived line inside the switchboard. The T15 is accessed by making a telephone call on the line with a multifrequency tone (DTMF) telephone and entering a programming password. Operations are facilitated by a voice guide of pre-recorded menu messages.

Alternatively, parameters can be programmed locally or remotely through the serial port of a PC using one of the (optional) programming kits that can be provided upon request.

## Recording messages and music

New messages and music are recorded in the same way as described above for programming via telephone, whenever you wish to change the content of the messages and/or music in an independent way.

## Non-Volatile Memory

The T15 system uses the latest electronic technology. The messages and music are contained in a high-capacity memory and can be erased 100,000 times. Data retention is guaranteed by the manufacturer for 100 years in the event of mains failure.

## Design

Compact and elegant for installation on table or wall.

## Technical Characteristics

Tecnology	: Microprocessor with non-volatile EEprom
Outbond Selection	: DTMF 0,1,2,3,4,5,6,7,8,9, A,B,C,D, *, # PULSE 40/60 ms, 10Hz
Input DTMF digit decoding	: Multifrequenza DTMF tones 0,1,2,3,4,5,6,7,8,9, A,B,C,D, *, #, sens. -28dBm
Line DC current	: 22...50mA typical, detection circuit 10...70mA
Ring Detection	: 15...90Vac, 20...60Hz Ring impedance > 10.000 Ohm
Programming	: remoto programming placing a call on a dedicated line plus password
Memory capacity	: from 2 to 16 minutes of recording and regarding the model chosen
Power	: 230Vca-3VA-50Hz from external power supply included (model T7024)
Dimensions-Weight	: W65xH31xD131mm Weight 185 Gr. (with cables) + Power Supply T7024 250 Gr.
Mounting	: ABS plastic case for table and wall mounting
Connectors	: 2 x RJ11 for line and On Hold, 2 pole socket for power supply, RJ 4 poles for serial port "Com".

The manufacturer reserves the right to change product characteristics without notice



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