

# Il Campanile

## Electronic Bell Programmer



• **IL CAMPANILE** is an electronic reproducer of the sound of 50 bells, to be played swinging or pealing, with high fidelity sound, and allows you to use up to 16 outputs for the control of real bells (using the optional device PD8/S).

- **IL CAMPANILE** is equipped with a graphic display that greatly simplifies user's interface making the programming faster and more direct.
- **IL CAMPANILE** has also a manual section for the immediate start of 6 bells swinging or pealing and a section for the direct start of 7 programmed bells, with a remote control too.
- *Graphic display with 8 lines and 40 characters each.*
- *Manual section for the command of 6 swinging and pealing bells.*
- *Time synchronization by DCF77 signal or GPS.*
- *Auxiliary input to amplify signals coming from recorders, compact, mixer outputs (record-players, microphones).*
- *Output for the command of real bells ( up to 16 ) with power actuator PD8 / S.*
- *Direct section for the immediate start of 4 melodies (also by radio-control).*
- *Connection to Standard Midi Interface for the composition and play of melodies.*
- *Control and automatic adjusting of tower clock's with power actuator PD8/S.*
- *Managing of data, melodies and programming by personal computer or telephone.*
- *Possibility to upload and download data on/from another IL CAMPANILE, using a telephone too.*
- *Tones and volume control.*
- *Monitor's volume control.*
- *More than 70 melodies in the archive.*
- *Memory capacity of 1000 melodies.*
- *Possibility of composing and memorizing on the spot all kinds of melodies with swinging and pealing bells.*
- *Automatic fading volume control, both overall and per single bell.*
- *Possibility of volume reduction during night-time.*
- *Possibility to transpose the chromatic scale.*
- *Automatic and differentiated programming according to the different liturgical periods of the year (Summer and Winter, the month of May, etc.).*
- *Programming of fixed feasts (Christmas, Immaculate Conception, Assumption Day, etc.) and automatic calculation of movable feasts (Easter, first Friday of the month, etc.).*
- *Automatic daylight savings time.*
- *Automatic erasing of programs not to be repeated.*
- *Time-striker in 22 different forms.*
- *Data retaining without mains supply for more than 30 days.*
- *Saving data on external memory card.*

### TECHNICAL CHARACTERISTICS

- CPU: \_\_\_\_\_ 80180 (12MHz)
- RAM MEMORY: \_\_\_\_\_ Max 131 Kbyte
- EPROM MEMORY: \_\_\_\_\_ Max 131 Kbyte
- INTERFACE: \_\_\_\_\_ n.1 RS232 serial + n.1 AUX (optional) + n.1 Midi
- OUTPUT POWER: \_\_\_\_\_ 150W - 200W - 300W (RMS)
- DIMENSIONS WxHxD: \_\_\_\_\_ mm 483 x 180 x 215
- WEIGHT: \_\_\_\_\_ Kg 11 o 14 (it depends on model/power)
- POWER SUPPLY: \_\_\_\_\_ mains 230V~ -20%+10% 50Hz ±5%
- AVERAGE ABSORPTION: \_\_\_\_\_ 10VA not working
- MAX.ABSORPTION: (according to the model): 250VA (150W), 350VA (200W), 500VA (300W)
- BUFFER BATTERY : \_\_\_\_\_ Ni-Cd 3,6V 65m

# CHORUS

## Digital Audio Reproducer



- **CHORUS** is an audio reproducer of music pieces and voice, one at a time or grouped, with stereo high fidelity performances without using cd, hard disk o magnetic tape.
- **CHORUS** has an SD memory card that makes the device high reliable, easy to use and with rapid feedback.
- The music or voice pieces are reproduced by the manual keyboard present on the front panel or by the optional remote control, immediately or at fixed time, by single piece or in groups or concerts.
- **CHORUS** is supplied with about 633 songs, most of which in dual mono format, then the voice is separated from the music to get a better authenticity of chants.
- *Reproduction of music/voice pieces for a total capacity of 16 hours (optional longer time according to SD memory's capacity).*
- *Possibility of grouping in 20 different groups (concerts) with 59 pieces: a concert execution involves sequential playback of all tracks that compose it.*
- *Possibility of grouping in 20 different groups (concerts) with 59 pieces: activating a group allows to control the single playing of the songs manually or with remote control: the choice of the song to play can be both in sequence and random.*
- *Possibility to activate timed with the definition of the minute, the execution of any song or concert in memory.*
- *Stereo or mono audio outputs on one of two channels and reverse of the same*
- *Alphanumeric and graphic display of 2 lines with 20 characters each.*
- *Keyboard with 19 buttons for manual use.*
- *Remote control for starting and stopping of pieces, groups or concerts, with volume regulation, general of for single channel.*
- *Mains 230V~ 20VAC.*
- *Permanent data retaining.*
- *Uploading of pieces by personal computer directly into the SD card (external).*

### TECHNICAL CHARACTERISTICS

- AUX STEREO OUTPUT: \_\_\_\_\_ max 4 Vpp su 10 kOhm
- BNC ANTENNA INPUT OF WIRELESS RECEIVER: \_\_\_\_\_ 433 MHz
- DIMENSIONS (WxHxD): \_\_\_\_\_ mm 483 x 100 x 205
- WEIGHT: \_\_\_\_\_ Kg 5,0
- ENVIRONMENTAL CONDITION FROM: \_\_\_\_\_ da 0°C a 45°C
- MAINS POWER SUPPLY: \_\_\_\_\_ 230 V a.c. - 50Hz
- AVERAGE ABSORPTION : \_\_\_\_\_ <20VA not working

### SPK 360

Outdoor speaker, dispersion 360°, 400W 4Ohm, small in size, suitable to reproduce the sound of bells, warnings and announcements, thanks to his good sound quality. It comes complete with brackets for both wall and ground mounting.

Diameter cm 43, Depth without pole cm 15, Weight Kg 14.

