

Amplified Embedded Sounder

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MELODYS

Description:

- ▶ Amplified embedded sounder for timely (hourly) chiming.
- ▶ Compatible with SIGMA master clock in DHF mode.
- ▶ 16 prerecorded melodies stored in the product itself and/or in an SD Card.
- ▶ 2 LEDs giving information on the operation:
 - ▶ LED «~» indicates that the power is on.
 - ▶ LED «Ψ» is active when communication with the master clock in DHF mode takes place.
- ▶ Every time a melody is played, its number is displayed. The sound level is adjusted on each device and for each melody.
- ▶ Consisting of one (or 2) flush-mounting loudspeaker and a control unit.



Models:

- ▶ 2 types of power supply: 100 to 240v AC ±10% 50/60Hz or TBT 24v DC ±5% (TBT=Extra Low Voltage).

Melodys TBT 24V installation precaution: Maximum distance allowed			
Wire cross-sectional area (wire diameter)	0,5 ² (8/10)	0,75 ²	1,5 ²
Number of Melodys on the line			
15	43 m	62 m	125 m
10	62 m	95 m	190 m
5	125 m	190 m	380 m

- Important notes: 1 – The distance can be doubled by limiting the volume to 7.
 2 – These distance limitations concern only one Melodys line; but it is possible to install several lines in parallel.

Technical features:

- ▶ 16 digital melodies stored in memory.
- ▶ Test mode with the choice of the melody.
- ▶ Integrated amplifier with volume control.
- ▶ Digital format of the audio files: MP3.
- ▶ The SD Card must be formatted FAT 16. 2 GB maximum.
- ▶ Duration of a melody: variable depends on the recording.
- ▶ Power source: 100 to 240v AC ±10% 50/60Hz or 24v DC ±5%.
- ▶ Power consumption: 6 VA.
- ▶ 2 versions: 1 or 2 loudspeakers (240V AC power supply).
- ▶ Adjustable sound level: 100db maximum at 1 metre.
- ▶ Flush- mounting indoor loudspeaker.
- ▶ Maximum distance between control unit and loudspeaker(s): 40 metres.
- ▶ Dimensions: Speaker H60 x Ø 190 mm – Controller module H78 x L220 x W154 mm.
- ▶ Protection code: Speaker IP 30 – Controller IP 54.
- ▶ Weight: Speaker: 0.9 kg – Controller: 0.6 kg.
- ▶ Operating temperature range: 0° to +50°C.

Compliant with standards:

- ▶ R&TTE 1999/5/CEE Directive.
- ▶ EN 60950: Safety of information technology equipment.
- ▶ EN 301-489-3: EMC Specific conditions for Short-Range Devices.
- ▶ EN 300-220-3: ERM Electromagnetic compatibility and Radio spectrum Matters.

Keyboard



References:

- ▶ Embedded DHF MELODYS DHF 100 to 240v AC 907 572
- ▶ Embedded DHF MELODYS DHF 24v DC 907 573
- ▶ 2-Loudspeaker DHF Flush-mount Melodys – 100 to 240V AC 907 582
- ▶ SD card for "Safety and Emergency Procedures" and customized melodies 508 474

