

## Safety and Emergency Procedures (S.E.P.) in schools.

The aim of the Safety and Emergency Procedures is to set up a list of steps to be taken in case of emergency in order to provide and ensure safety for students and school personnel while waiting for rescue.

In the event of a major accident, the alarm is sounded by the following standard signal: modulated siren (increasing and then decreasing). This signal is made up of three sequences five second apart..

The ending of the alarm will be announced by a unmodulated signal from the siren.



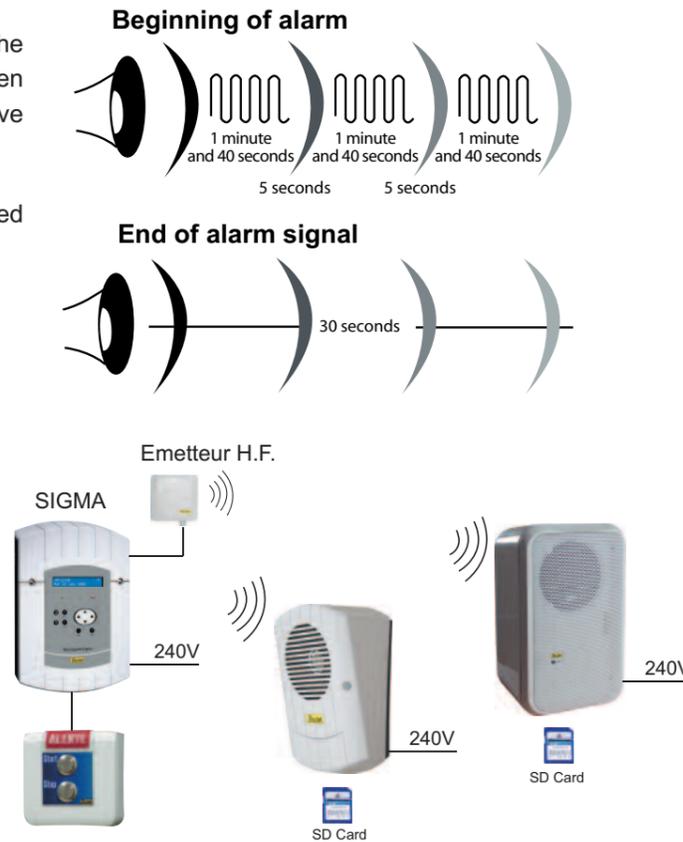
SEP control push-buttons:  
Start to launch the beginning of warning signal.  
Stop to launch the end of warning signal.

## SEP via Melodys Sounder Radio controlled

The Melodys sounder used for signaling beginning and end of classes broadcasts the SEP alarm signal recorded on a SD Card.

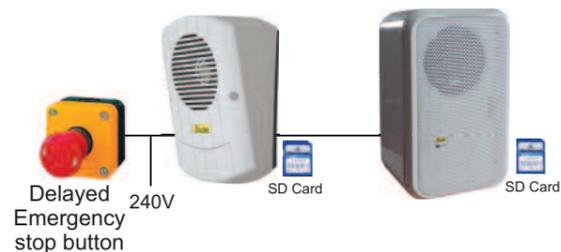
The operation is controlled by the SIGMA master clock, its DHF transmitter and the SEP control buttons.

Easy to install, the sounders can be powered by a 230V AC power source or a 24 V DC supply.



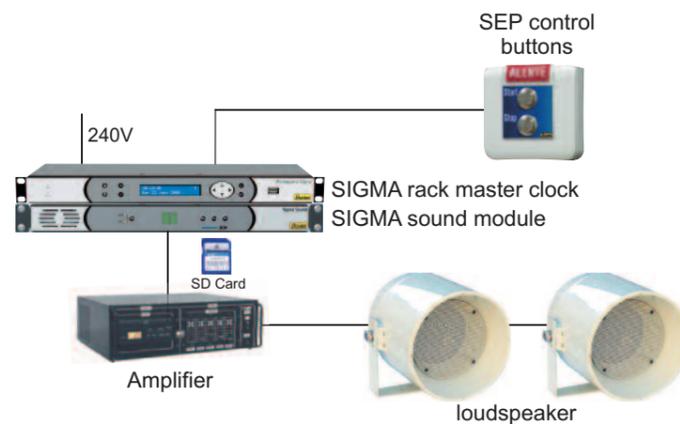
## SEP via Melodys Sounder Wired

The Melodys sounder broadcasts the SEP alarm via a SD CARD on which is recorded the standard alarm signal.



## SEP via PA system

The Sigma SOUND broadcasts the SEP alarm and the beginning and end of classes' signals through the existing PA system.



# Melody sounder for class change or alarm announcement

# A line of melody sounders developed to replace the traditional electric bells in schools and factories.

The Melodys amplified sounder is stand-alone and integrates 16 pre-recorded melodies.  
It signals the beginning and end of classes in schools and high-schools, break time and end of work in factories.  
It allows also the broadcast of dedicated Safety and Emergency Procedure alarms (S.E.P.)

## 4 Models:

### 1- Indoor Amplified MELODYS sounder:

- White, self-extinguishing ABS casing.
- 7W loudspeaker; 90 dB at 1 m.
- Dimensions: H202 x L150 x D82 mm.
- Protection index: IP 31, IK 07.
- Weight: 1kg.



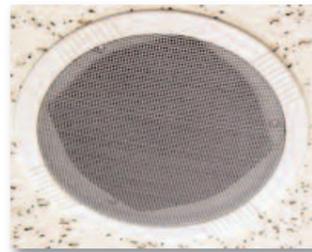
### Characteristics:

- 16 melodies or messages stored in memory (4 MB) and/or SD card.
- Audio files format: MP3.
- Duration of melody: depends on the recording (SD card storage capacity: 2Go).
- Test mode with choice of the melody.
- Integrated amplifier with volume adjustment.
- Power supply: 100-240V AC 50/60Hz or 24V DC.
- Power consumption: 6VA.
- Operating temperatures:
  - indoor model 0° to +50°C,
  - outdoor model - 20° to +50°C.

### Main applications:

### 2- Indoor embedded Amplified MELODYS Sounder:

- 1 or 2 Flush-mounted 10W loudspeaker(s); 100 dB at 1 m.
- 1 embedded control unit with 1,2m cable(s).
- Dimensions: Loudspeaker H60 x Ø190 mm  
Control unit: H78 x L220 x P154 mm.
- Protection index: Loudspeaker IP 30 - Controller IP 54, IK 08.
- Weight: Loudspeaker 0,9 kg.  
Control unit 0,6 kg.



**Schools**  
To signal end of class (can be customized) and to broadcast Safety and Emergency Procedures messages.



**Factories**  
Audio announcement of breaks and end of work time.

### 3- Indoor/Outdoor compact Amplified MELODYS sounder:

- RAL 9010 white self-extinguishing ABS casing.
- Outdoor silicone membrane loudspeaker.
- 10W loudspeaker; 100dB at 1m.
- High quality sound.
- Dimensions: H280 x L175 x D160 mm (without bracket).
- Protection index: IP 54, IK 08.
- Weight: 2,6 kg.
- Corrosion treated steel grille.



**Public places**  
Musical audio announcement or customized repetitive vocal announcement.



**Stores**  
Musical audio announcement or customized repetitive vocal announcement with the Store audio ID.

### 4- Outdoor Amplified high power MELODYS sounder:

- 1 or 2 20 W loudspeaker(s); 110dB at 1m, for outdoor.
- 1 embedded control unit with 1,2m cable(s).
- Dimensions: Loudspeaker Ø 203 mm – Length 254 mm.  
Control unit: H78 x L220 x P154 mm.
- Protection index: Loudspeaker IP 54 - Controller IP 54 IK 08.
- Weight: Loudspeaker 1,7 kg.  
Control unit 0,6 kg.



### 2 operating modes:

- **DHF Melodys:** Radio controlled of a melody or message selected out of 16 by the Sigma master clock.  
Control of the SEP alarm.
- **WIRED Melodys:** Control of a melody manually selected on the Melodys by a Sigma P or Sigma Mod or of SEP alarms by a push-button.



**Handicap**  
Broadcast of time messages information for the disabled.