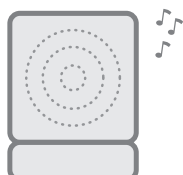


# STAND-ALONE HARMONYS LOCKDOWN SYSTEM

## PRESENTATION

- The autonomous Harmonys system is made of:
  - one 4-button control box,
  - one indoor Harmonys sounder,
  - one high power outdoor Harmonys sounder,
  - one 8-port Ethernet switch with 4 PoE ports.
- This system makes it possible to broadcast a melody or a pre-recorded message from a 4-button control box.
- Operates without a master clock.

### WALL HARMONYS



### IP BUTTON BOX AUTONOMOUS MODE



### OUTDDOR HARMONYS



SWITCH POE

## SYSTEM FUNCTIONS

- Manual triggering of lockdown alerts.
- Pre-recorded lockdown messages stored in in the Harmonys sounders.
- Broadcast through the Ethernet network.
- DHF transmitter integrated in the button box which is delivered with a dongle to secure the installations.
- Possible options:
  - addition of indoor Harmonys sounders,
  - addition of outdoor Harmonys sounders,
  - addition of indoor Harmonys Flash,
  - addition of outdoor Harmonys LED Flash,
  - addition of Harmonys Trio sounders
  - addition of Hamonys microphone
  - addition of IP button box

## REFERENCES

- 907 501..... Standalone Harmonys Lockdown System

### Additional sounders

- 907 710..... Indoor Wall Harmony Sounders
- 907 715..... Harmonys Trio
- 907 720..... Indoor Ceiling Harmonys Sounder
- 907 735..... Indoor/ outdoor Sounder - 1 Speaker
- 907 736..... Indoor/ outdoor Sounder - 2 Speakers
- 907 760..... IP buttons box - 4-button
- 907 761..... 4-button extension box

- 907 730..... Outdoor Harmonys - 1 Speaker
- 907 731..... Outdoor Harmonys - 2 Speakers
- 907 795..... Indoor Harmonys LED Flash
- 907 794..... Outdoor Harmonys LED Flash
- 907 755..... 8-zone microphone

# STAND-ALONE HARMONYS LOCKDOWN SYSTEM

## DESCRIPTION OF THE IP BUTTON BOX

- Manual control of the broadcast of a melody or of a pre-recorded message.
- The control box controls also the messages of beginning and end of pre-recorded lockdown alarms.
- "STOP" function: manual stop of all melodies being played in one or more zones.
- 2 operating modes, "Independent" or "SIGMA", of the control box (programmable via the Sigma software).
- Identification and configuration of the product via the embedded web server.



## STANDARDS

- Applicable standards: EN 60950 - EN 55022 - EN 55024 - EN 62311.

## OPERATING MODES

- **Mode independent**..... No Sigma master clock in the installation.  
In mode "Independent" the control box allows:
  - Manually start/stop melodies.When there is no Sigma master clock, the control box sends commands directly to the Harmonys.
- **Control box extension**..... A control box extension can be added to increase the number of manual commands.
- **SEP function**..... In case of manual control, it is possible to send a SEP alarm.
- **Supervision**..... SNMP v1 and v2c. Makes it possible to know on which button box occurred the triggering of the alarm therefore at what location.

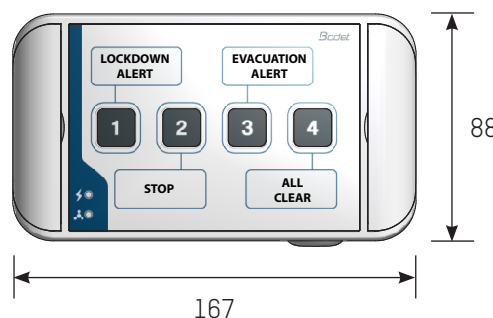
## TECHNICAL FEATURES

- **Power supply indicator**.....
  - Led ON (green) = device powered on:
  - Led OFF = no power:
- **Network indicator**.....
  - Led flashing red quickly = connection to the network in progress:
  - Led flashing red slowly = device connected to the network:
  - Led OFF = no network:

## MECHANICAL FEATURES

- **Construction**..... Shockproof ABS casing (IP41, IK06).
- **Operating temperature range**..... 0 to +50 °C.
- **Weight**..... 326 g (control box IP).  
300 g (control box extension 4 buttons).
- **Dimensions**..... L 167 X H 88 X D 50 mm.

Dimensions in mm



## ELECTRICAL FEATURES

- **Power supply**..... PoE (Power over Ethernet).
- **Consumption**..... 2 W.

**Bodet**

# STAND-ALONE HARMONYS LOCKDOWN SYSTEM

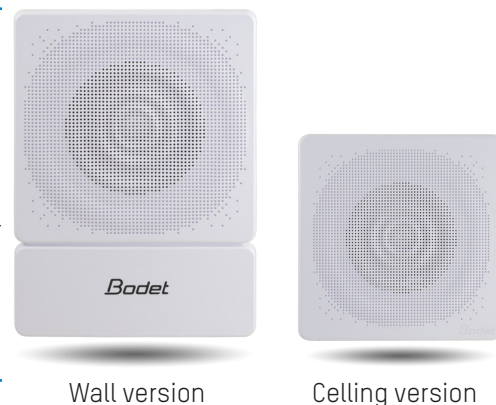
## DESCRIPTION OF THE INDOOR HARMONYS SOUNDER

- Sounder (for indoor) bells, melodies, voice calls and SEP\* alarms.
- 3 operating modes:
  - Broadcast of melodies stored in the product. Control by Sigma master clock (the Ethernet network) or by manual command from the control box (ex: SEP alarm).
  - Voice calls: from microphone or sent from the computer.
  - Broadcast of streaming audio and/or music from the computer.
- The adjustment of the sound level is accomplished via the embedded web server (for all broadcasts).




\*SEP: Safety Emergency Procedures.

## STANDARDS

- Applicable standards: EN 60950 - EN 55022 - EN 55024 - EN 62311.



## TECHNICAL FEATURES

- **Test**..... 1 button.
- **Power supply indicator**.....
  - Led ON (green) = device powered on:
  - Led OFF = no power:
- **Network indicator**.....
  - Led flashing green quickly  = connection to the network in progress:
  - Led flashing green slowly = device connected to the network:
  - Led flashing red slowly = loss of network connection or failure to connect to the network: 
- **Audio files format**..... MP3.
- **Loudspeaker**..... 7 W. 
- **Adjustable sound level**..... 90 db maximum (1 meter).
- **Supervision**..... SNMP v1 and v2c.

## MECHANICAL FEATURES

- **Construction**..... White ABS casing M3 (IP31, IK07).
- **Operating temperature range**..... 0° to +50°C.

## WALL VERSION

- **Dimensions of product**..... H230 x L163 x D80/50 mm.
- **Dimensions of mounting pattern**..... H168 x L90 mm.
- **Weight**..... 680 g.

## CEILING VERSION

- **Dimensions of product**..... H174.8 x L174.8 x D67mm.
- **Dimensions of mounting pattern**..... Ø160 mm.
- **Weight**..... 608 g.

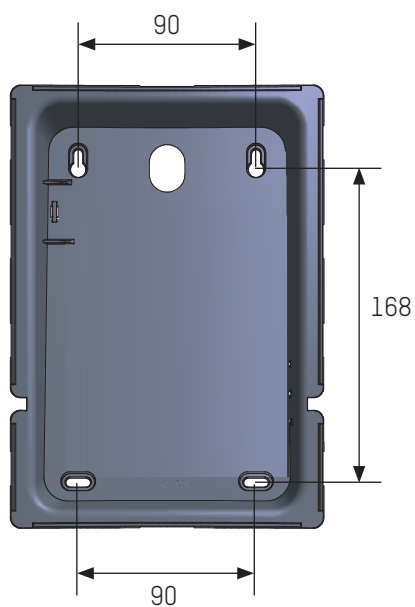
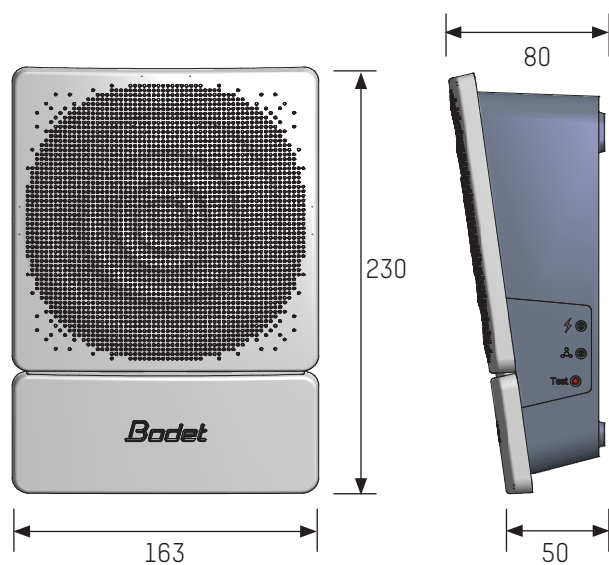
## ELECTRICAL FEATURES

- **Power supply**..... PoE (Power over Ethernet).
- **Consumption max (Boost deactivated)**..... 13 W.
  - Default melodies and general call: 10W.

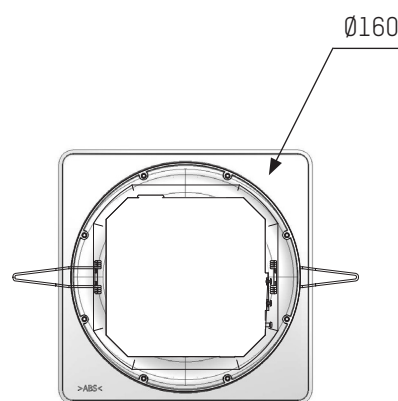
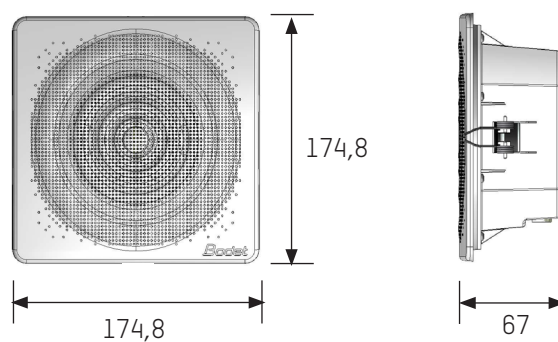


# STAND-ALONE HARMONYS LOCKDOWN SYSTEM

Wall sounder



Ceiling sounder



Dimensions in mm

**Bodet**

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# STAND-ALONE HARMONYS LOCKDOWN SYSTEM

## DESCRIPTION

- Amplified sounder (for outdoor) for bells, melodies, voice calls and Lockdown alarm.
- 3 operating modes:
  - Broadcast of melodies stored in the product. Control by Sigma master clock (the Ethernet network) or by manual command from the control box (ex: Lockdown alarm).
  - Voice calls: from microphone or sent from the computer.
  - Broadcast of streaming audio and/or music from the computer.
- The adjustment of the sound level is accomplished via the embedded web server (for all broadcasts).








## NORMS

- CEM 2004/108/CEE Directive and Low Voltage Directive 2006/95/CEE.
- EN 60950: Safety of information technology equipment.
- EN 55022: Radio disturbance of information technology equipment.
- EN 55024: Immunity of information technology equipment.

## VERSIONS

- **2 versions**..... 1 horn loudspeaker + controller.  
2 horn loudspeakers + controller.

## TECHNICAL FEATURES

- **Test**..... 1 button.
- **Power supply indicator**.....
  - Led ON (green) = device powered on: 
  - Led OFF = no power: 
- **Network indicator**.....
  - Led flashing green quickly = connection to the network in progress: 
  - Led flashing green slowly = device connected to the network: 
  - Led flashing red slowly = loss of network connection or failure to connect to the network: 
- **Audio files format**..... MP3.
- **Adjustable sound level**..... 110 db maximum (1 meter).
- **Power rating**..... 20 Watts (Max.: 30 W)

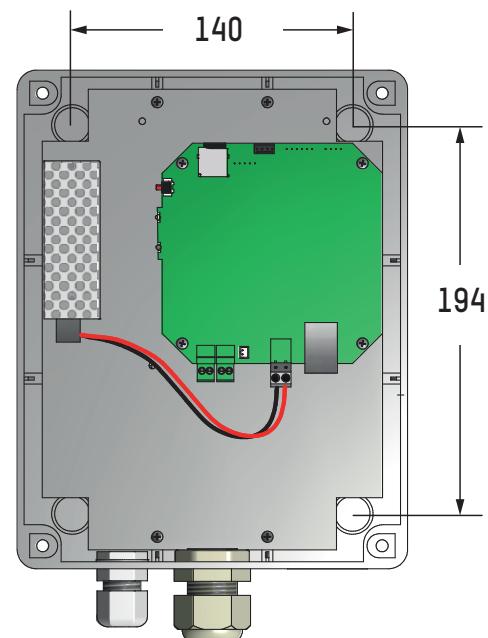
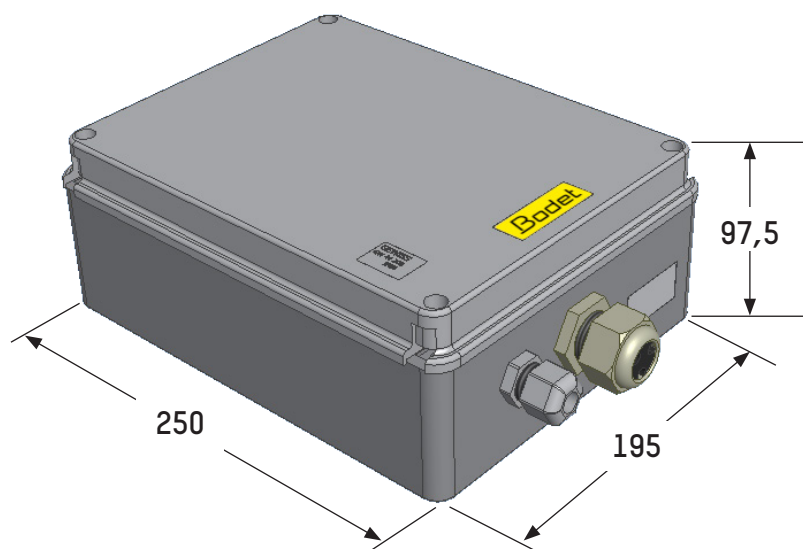
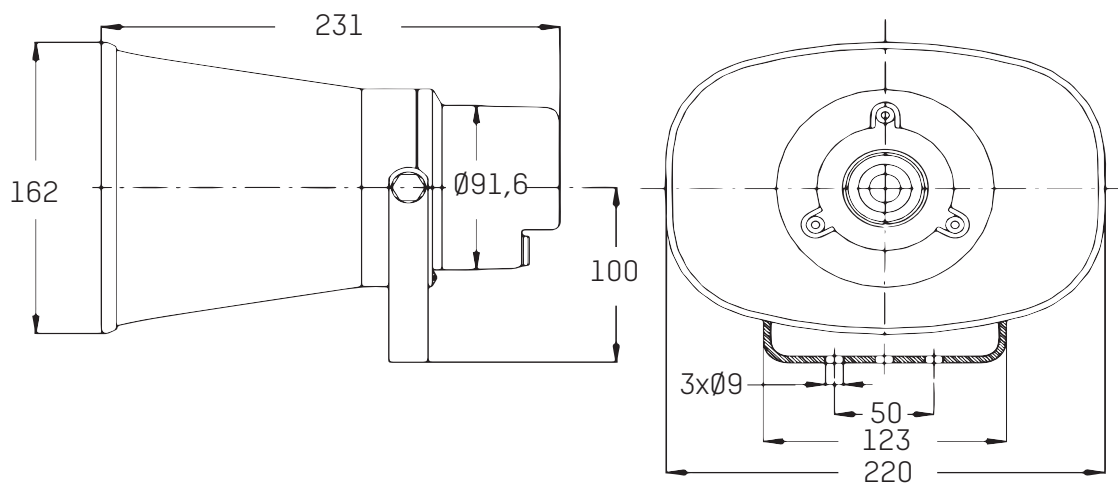
## MECHANICAL FEATURES

- **Protection Index**..... Loudspeaker: IP 54. Controller: IP 54, IK 08.
- **Operating temperature range**..... -20° to +70°C.
- **Weight**..... Loudspeaker: 1.4 kg. Controller: 1,18 kg.
- **Dimensions**..... Loudspeaker: H181 x L220 x P 154mm. Controller: H195 x L250 x D97.5 mm.
- **Mounting**..... Wall.
- **Distance between controller and loudspeaker** 5 meters (max length: 40m).

## ELECTRICAL FEATURES

- **Power supply**..... 110-230VAC, 50/60 Hz.
- **Consumption**..... 8 W (1 loudspeaker), 15 W (2 loudspeakers).

# STAND-ALONE HARMONYS LOCKDOWN SYSTEM



Dimensions in mm



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