

# GSM – LOCKDOWN ALERT SYSTEM CONTROL

## PRESENTATION

- Triggering of the Lockdown Alert System by telephone call: connected to the master clock by its external input or by a 3 input expansion card, the GSM control box allows you to control audio systems (Harmonys or Melodys or Sigma Sound) for the time signals and Lockdown Alert System alerts.
- Receiving a text message if the Lockdown Alert System is triggered: an SMS alarm (ALARM) will be sent to all registered telephone numbers (ex.: law enforcement, local authorities...) by the activation of the master clock's output relay on the GSM control input.

Example of SMS:

```
Alarm SMS:
NAMEOFSITE1.12b
-----
ALARM:
IN1: Alarm was released
IN1: high
```

- This device cannot be the only means of triggering an alarm. A wired solution must be present on the site.

Up to 6 telephone numbers can be set up



## STANDARDS

RED 2014/53/EU directive

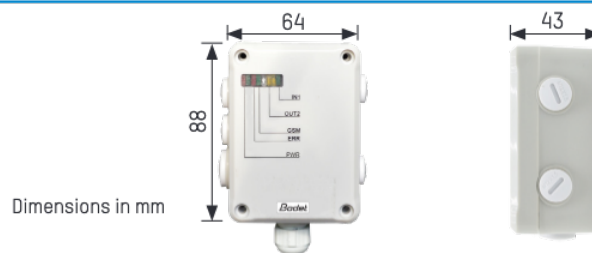
- EN 301 511: V9.02, EN 301 489-1: V1.9.1, EN 301 489-7: V1.3.1, EN 60950-1: 2006+A11: 2009+A1: 2010+A12: 2011
- EN 50360-1: 2001+A1: 2012

## TECHNICAL CHARACTERISTICS

- **Input**..... 1 input to connect to a relay on the Sigma master clock.
- **Output**..... 1 output to connect to the external input or a 3 input expansion card on the Sigma master clock.
- **Alert notifications**..... Activation or deactivation of alerts sent to mobile(s).
- **Visual indicators**..... 1 red LED + 1 green LED to indicate the presence of the power source (PWR)  
1 red LED to indicate information or an error (ERR):
  - Lit: PIN code incorrect
  - 3 short flashes: Restoring factory settings
  - 1 flash while in use: New SMS received.1 green LED to display GSM status (GSM):
  - Flash: Product connected to network
  - Lit: Searching for network, no network connection.1 orange LED: Use of the output (OUT).  
1 green LED: Use of the input (IN).

## MECHANICAL FEATURES

- **Operating temperature**..... 0° to +50°C.
- **Dimensions**..... See opposite.
- **Protection class**..... IP66.
- **Weight**..... 165g.



## ELECTRICAL CHARACTERISTICS

- **Power supply**..... 12Vdc (from the master clock's output power supply) or 24Vdc.
- **Max consumption**..... 230 mA.
- **Wiring**..... Input and output cables routed through cable glands (plugs are supplied for the unused cable glands).

## REFERENCES

- 907 551..... GSM control box for the Lockdown Alert System\*
- 907 542..... 3-input expansion card for the Sigma master clock

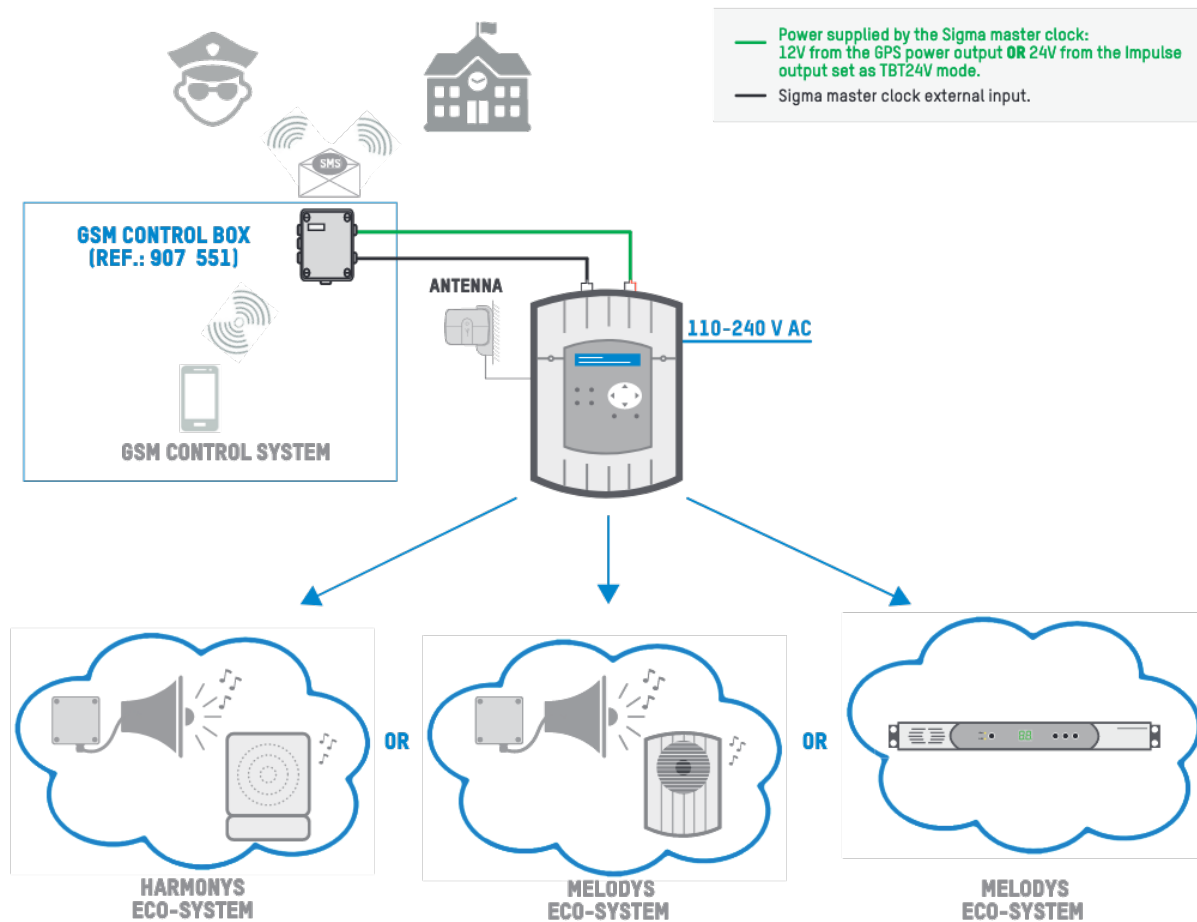
\*SIM card not provided

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## SYNOPTIC



## PREREQUISITES (NOT SUPPLIED WITH THE GSM TRANSCIVER)

- For use and configuration of the GSM transceiver, the following elements are required:
  - a commercially available mobile phone with a SIM card.
  - an additional SIM card to install in the GSM transceiver. We recommend a SIM card with a contract including unlimited SMS as well as the possibility to receive telephone calls as a minimum.



### Recommendations concerning the mobile phone contract for the control box.

The contract must be Business M2M with voice and SMS enabled. You must carry out a preliminary test prior to commissioning with the selected SIM card.