

PRESENTATION

The GSM control box allows :

- The triggering of the lockdown alerts by telephone call: connected to the Sigma master clock on its external input or on a 3-input option card, the GSM box allows you to control audio systems (Harmonys, Melodys or Sigma Sound) for lockdown alerts.
- Receiving a text message if the Lockdown Alert System is triggered: an SMS 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.

NAMEOFSITE 0.48

ALARM:
INPUT: alarm was released
IN4(INTRUSION): high

Example of SMS if the IN4 alarm input is enabled :

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

Up to 50 telephone numbers can be set up.



COMPLIANCE

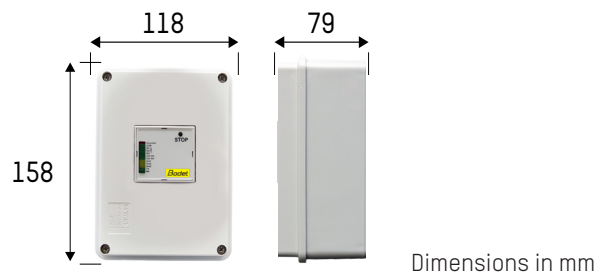
- Directive 2011/65/UE
- Directive RED 2014/53/UE

TECHNICAL CHARACTERISTICS

- **Type of mobile network..** 2G only.
- **Features.....** **SMS mode** : sending an SMS indicating the triggering of a lockdown alert to all authorised numbers, **Triggering mode**: triggering the lockdown alert by an incoming telephone call to the GSM control box number from an authorised telephone number, **Administrator mode** : transferring SMS received on the GSM control box to authorised telephone numbers.
- **Programming.....** Configuration of the GSM box by sending command lines by SMS.
- **Input.....** 2 inputs to connect each one to a relay output of the Sigma master clock.
- **Output.....** 3 outputs to connect each one to an external input or to a 3 input expansion card on the Sigma master clock.
- **Visual indicators.....**
 - 1 red LED (Error/Info) to indicate : an error on the product, the activation of a mode blocking the triggering of the lockdown alert, the reception of an SMS, a reset or a return to factory configuration,
 - 1 green LED (GSM) to indicate GSM reception status and the detection of an incoming telephone call,
 - 2 green LEDs (IN4/5) to indicate the use of the corresponding input.
 - 3 orange LEDs (OUT1/2/3) to indicate the use of the corresponding output.
- **GSM antenna.....** External antenna (included - 3 m cable). MMCX connector.

MECHANICAL FEATURES

- **Operating temperature.....** -10° to +55°C.
- **Dimensions.....** (see opposite).
- **Protection class.....** IP40.
- **Weight.....** 450g.
- **Fixation.....** Wall-mounted box.



ELECTRICAL CHARACTERISTICS

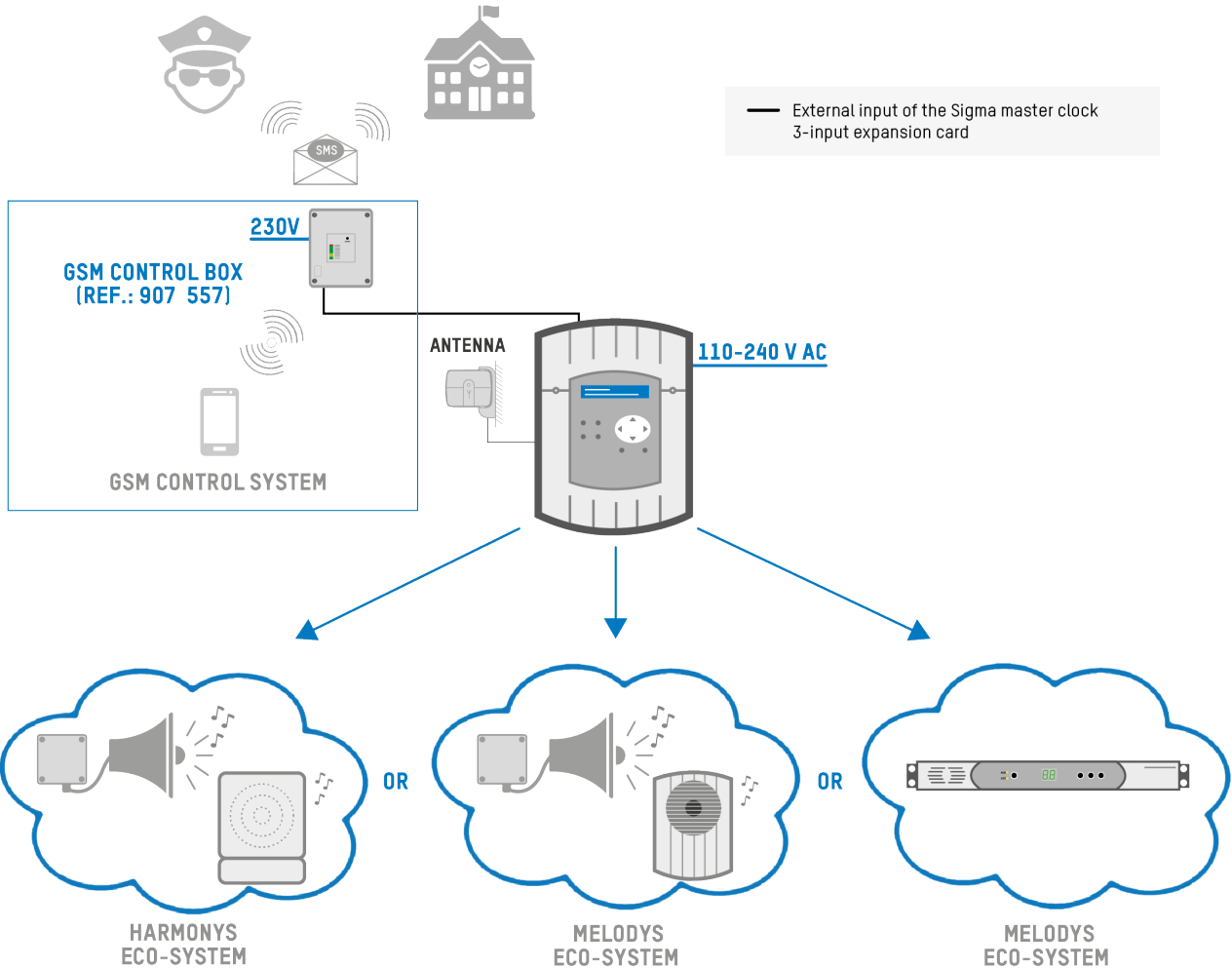
- **Power supply.....** 230V~ 50/60 Hz.
- **Consumption.....** 30 mA max.
- **Power consumption.....** 3W (average).
- **Voltage (threshold value) alarm input IN4/5.** 32V max.

REFERENCES

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

*SIM card not provided

SYNOPTIC



PREREQUISITES (NOT SUPPLIED WITH THE GSM TRANSCEIVER)

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 (DTMF option enabled) and SMS enabled. You must carry out a preliminary test prior to commissioning with the selected SIM card.