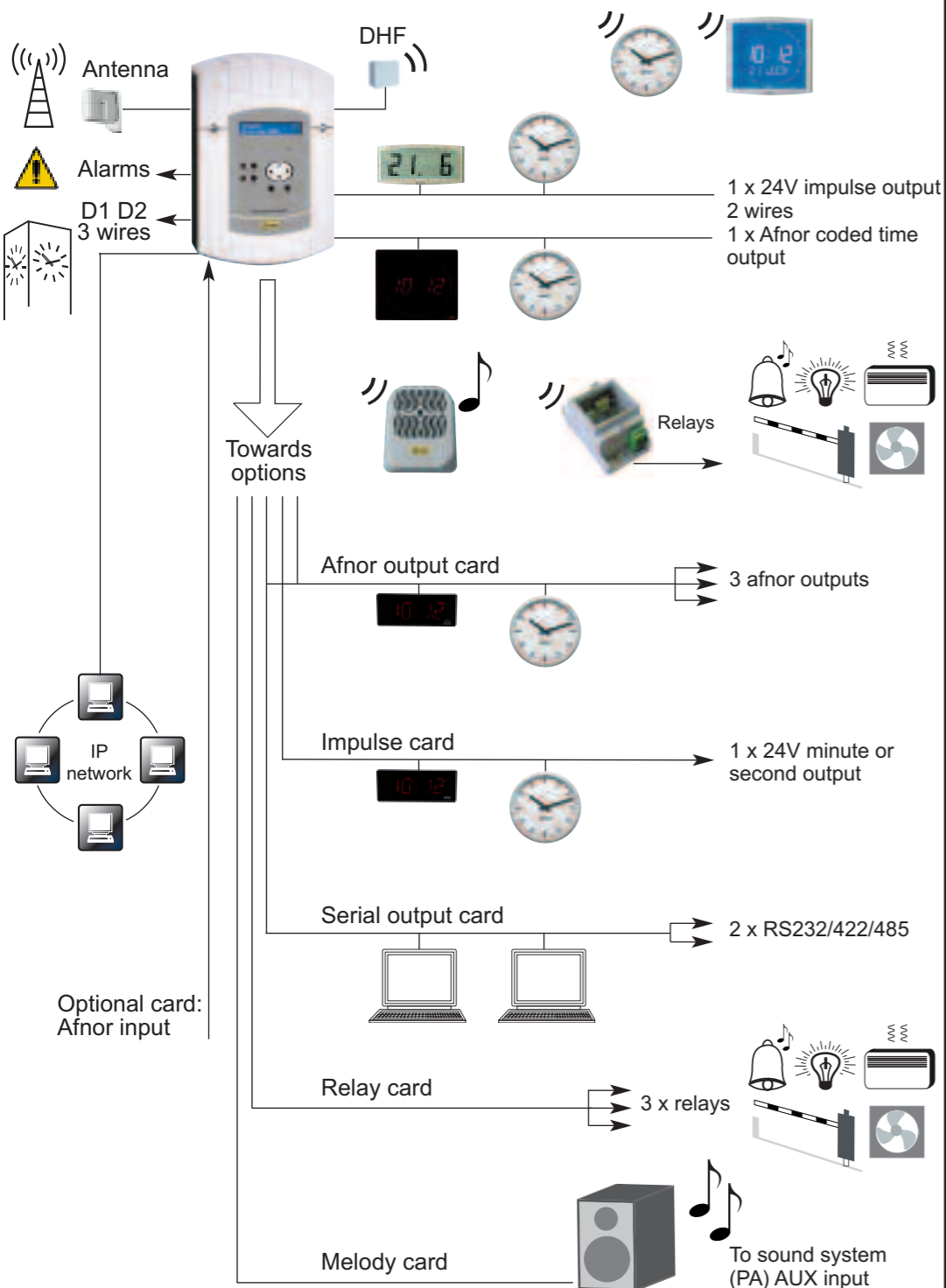


Principle drawing of a time distribution system

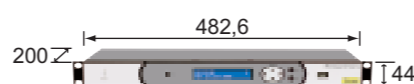


Dimensions in mm

Mic SIGMA - wall mounted



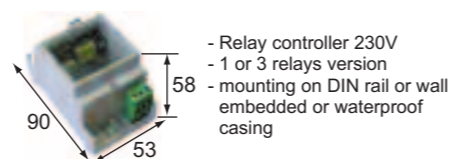
Mic SIGMA - rack



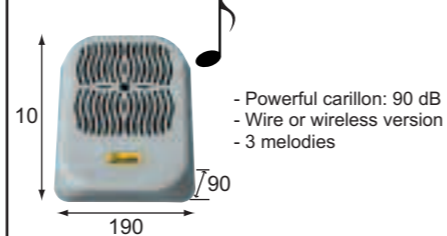
Accessories :



Wireless relay controller



CA15 DHF Wireless bell system



Microquartz SIGMA



Modular Master Clock

Time distribution, time scheduling and Energy management

Technical features

- Display: 2 back lighted lines with 24 characters
- Power: 110/230V or TBT 24V
- Time base accuracy: 0,1 sec/day
- Wall mount or 1U rack
- Antennas input: FI/DCF or GPS
- 1 x AFNOR output, 1 time output for DHF transmitter
- 1 x 24V minute or second impulse output 0,5A
- 3 x relays for D1D2 impulses, alarms or circuit programming
- 1 x RJ45 IP output for NTP network (Mic SIGMA MOD)
- 1 x dry contact input
- Integrated protection of the output against short circuits and overload
- Fast adjustment of clock after power cut
- Permanent saving of settings.

Spremaker : 02 41 56 06 35

REF : 653071 A0308



Autoclock Systems Ltd
93-97 Second Avenue
Heaton
Newcastle Upon Tyne
NE6 5XT

Tel: 0191 2761611
sales@autoclocksystems.co.uk
www.autoclocksystems.co.uk



AUTOCLOCK
SYSTEMS LTD



The **MIC SIGMA** is upgradeable and modular to match various installation requirements such as Schools, Industries, Hospitals, Administration buildings, Railway stations, Airports...

A reliable and accurate time reference for computer network's and synchronisation with its internal astronomical timer, the **MIC SIGMA** can optimise **energy saving**, providing an accurate control of lighting, heating, air conditioning systems...



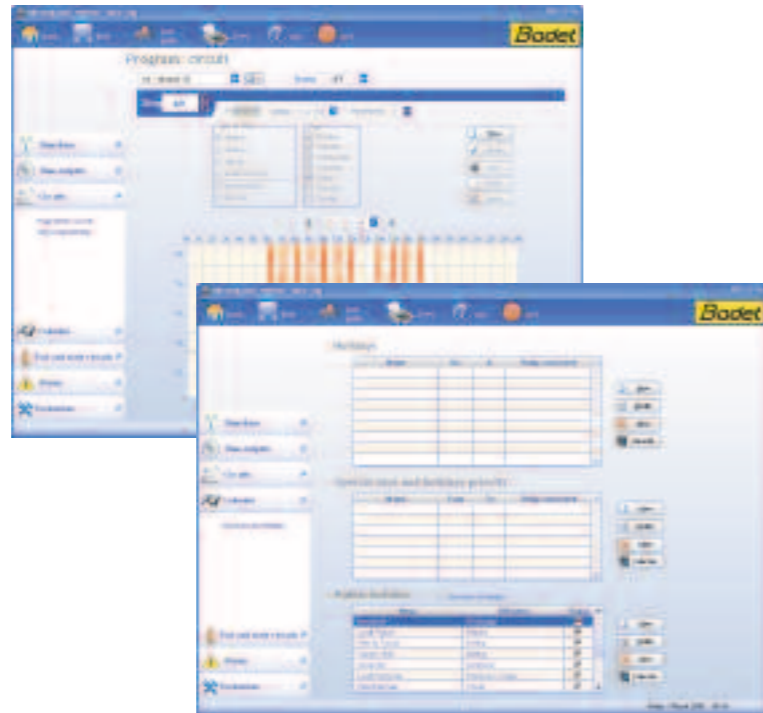
Mic SIGMA



Programming and setting of the parameters via computer and upload to the master clock with USB key connection.

PC programming software

- Simple and user friendly
- All functions and programming accessible and downloadable



Display with 2 lines of 24 luminous characters

Circuit 01 : START
Circuit 01 ok

Dates : Holidays
12/02 → 25/02 SELECT ok

User-friendly and simple interface

- Programming, manual or automatic activation of the relays
- Programming of holidays or special day periods and summer/winter setting
- Programming of the time signal on the output
- Display of programming and alarms

Main benefits

- The Microquartz SIGMA is an upgradeable product
- Wireless (DHF) and wired time distribution
- NTP server (Mic SIGMA MOD)
- Programming and setting through PC WINDOWS software and USB key
- Circuit programming in various modes: weekly, bank day, holidays, and special days, astronomic or periodic
- Circuit controlled through wireless or wired connection

Main applications



- Schools:**
- Corridor, offices
 - Covered or uncovered playgrounds



- Hospitals:**
- Operating theatre
 - Corridors, reception hall



- Industrial buildings:**
- Warehouse
 - Manufacturing plant



- Railway stations:**
- Platform clocks
 - Underground, buses



- Airports:**
- Passenger terminal
 - Aircraft sheds
 - control rooms



- Administration buildings, offices:**
- Meeting room
 - Offices, corridors



- Food and pharmaceutical industries:**
- Sterile rooms
 - Production line
 - Slaughterhouse

3 models



1 - Mic SIGMA - H (Hour)

Wire (Afnor) or wireless (DHF) Time distribution

Accessories:

- FI, DCF or GPS antennas
- Wireless transmitter or repeater



2 - Mic SIGMA - P (Programmer)

Wire (AFNOR) or wireless (DHF) Time distribution
Wire or wireless programming and controlling of relays

Accessories:

- France Inter, DCF or GPS radio antennas
- Wireless transmitter or repeater
- Wireless relay controller
- Wireless bell system (CA 15 DHF)



3 - Mic SIGMA - MOD (Modular)

Wire (AFNOR) or wireless (DHF) Time distribution, NTP server
Wire or wireless relays programming and control

Accessories:

- FI, DCF or GPS antennas
- Wireless transmitter or repeater
- Wireless relay controller
- Wireless bell system (CA 15 DHF)

Optional cards:

- Afnor output card: 3 outputs
- Afnor input card
- Serial output card: 2 outputs RS232/422/485
- 24V minute/ second impulse card: 0,5A
- Relay card: 3 relays
- Melody card for sound system (PA)