

Bodet



SIGMA

Master clocks


SIGMA MASTER CLOCK

The SIGMA master clock is used as a highly accurate and reliable time reference.

As well controlling the clock system the master clock can control relays such as heating, air conditioning and lighting which can save organisations money. It can also be used to control Bodet's bells systems and microphones.



MODEL AVAILABLE IN 4 VERSIONS



- **SIGMA H** Master Clock 
 - 1 key function:
 - Transmits the time to slave clocks.




Time distribution systems:



- **SIGMA P** Master Clock  
 - 2 key functions:
 - Transmits the time to slave clocks.
 - Controls the network of relays and bell systems.




Time distribution systems*:



- **SIGMA C** Master Clock   
 - 3 key functions:
 - Transmits the time to slave clocks.
 - Controls the network of relays, bell systems and microphones.
 - Synchronises the computer network (*NTP time server*).

Time distribution systems*:



- **SIGMA MOD** Master Clock   
 - 3 key functions:
 - Transmits the time to slave clocks.
 - Controls the network of relays, bell systems and microphones.
 - Synchronises the computer network (*NTP time server*).

Time distribution systems*:



* Possibility to add option cards: AFNOR outputs, relay outputs...

MODEL AVAILABLE IN 2 DESIGNS



Wall format



Rack format

PROGRAMMING AND CONFIGURATION BY SOFTWARE

- Automatic or manual control of relays.
- Set up of vacation periods, parameter setting of time outputs and daylight saving time.
- Ability to review and change set up.



SIGMA TIME CENTRE

The SIGMA time centre is intended for installations which require time redundancy to guarantee a perfect synchronisation in railway stations, airports and banks. It is made of at least two SIGMA MOD master clocks and one SIGMA SWITCH in rack version.

COMPOSITION OF THE TIME CENTER



- SIGMA MOD: NTP time server

The SIGMA MOD is a NTP time server (*client / server*) synchronised by a radio signal (*such as GPS, DCF and FI*).

- Remote parameter setting via the IP network.
- Enables a network to be synchronised independently of the Internet.



- SIGMA SWITCH: monitoring and switching module

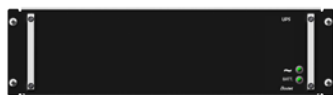
In case of failure, the SIGMA SWITCH switches from the primary SIGMA MOD outputs to the secondary (backup) SIGMA MOD outputs.

COMPLEMENT TO THE PRODUCT LINE



- SIGMA EXTENS: extension module

The SIGMA EXTENS enables an additional 4 option cards to be added to the SIGMA MOD. (*Total of 8 option cards*).



Rack version SIGMA UPS
*Ensures continuous power supply.
5 Ah - 24 V DC battery with charger.
Rack 3 U - 9 kg.*



Wall version SIGMA UPS
*Ensures continuous power supply.
5 Ah - 24 V DC battery with charger.
Wall mounting - 8 kg.
290 x 220 x 130 mm.*



Rack SIGMA POWER
*Additional power supply.
110/230 V - 24 V DC.
2 x 100 W - 2 kg.*



The Bodet Group

WE GIVE YOU TIME



Campanaire

Bell renovation
Frontage dials
Bell electrification



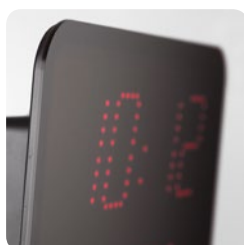
Software

Time management
Access control
HRIS



Sport

Timing
Scoreboards
Video display



Time

Time distribution
Display signage
LED display
Audio system



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