

M O B A L i n e

Makes time distribution easy

MOBALine Applications

MOBALine is the new standard for time distribution.

The concept:

MOBALine is a two wire transmission system for maintenance-free self-setting slave clocks and remotely synchronized computer based systems.

MOBALine sets the time of:

- self-setting digital and analogue slave clocks
- computer based systems
- relays: switching of remotely located loads such as light, heat, bells, etc ...
- any system designed to be synchronized by DCF antenna
- any system designed to be synchronized by DCF-FSK or IRIG-B code

MOBALine's advantages:

- data transmission with self-correcting code
- two wire low voltage cable for data and power
- maintenance-free centralised time distribution
- new slave clocks may be installed under power

MOBALine is already well established:

- in many different fields such as railways, subways, airports, industries, administration buildings, hospitals, schools ...

Time Code Receivers



GPS

Satellite receivers for world wide reception for all master clocks and master time centers.

DCF

Radio receivers (for Europe only) for all master clocks.



Time Code Receiver

Sensor

Light-Sensor

MOBALine Master Clocks



Master Clocks

Control of up to 150 slave clocks. Programmable output relays. Stand-alone or 19" rack mounting version.



CTC Compu Time Center

Control of up to 350 slave clocks. Programmable output relays and RS232/RS422 outputs. 19" rack version.



MTC Master Time Center

Designed to meet almost all requirements. Nearly unlimited extension. Control of up to 1000 slave clocks. Windows based easy to operate.



NMC Net Master Clock

For network environment, to control up to 100 MOBALine slave clocks and applicable as a NTP time server at the same time.

MOBALine Slave Clocks



Digital Clocks

Digit height from 50mm to 200mm available. Optional calendar clock functions. Count down/up with optional remote control.



Analogue Clocks

Dial diameter from 25cm to 300cm. Indoor and outdoor versions available. With or without illumination. Synchronous seconds hand on selected models.



Facade Clocks

Dial diameter from 25cm to 500cm. For indoor and outdoor mounting. With or without illumination.

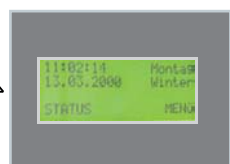


Digital World Time Zone Clocks

Digit height from 25mm to 120mm available. Viewing distance from 10m to 60m. 3 to 8 free definable time zones. High quality representative execution.

time and date broadcasting

self-setting clocks



MOBALine Master Clock



MOBALine Slave Clocks

MOBALine Interfaces



IF 480
Input MOBALine
Output DCF-code



IF 482
Input MOBALine
Output RS232 serial telegram



IF 485
Input MOBALine
Output minute impulse



IF 488
Input MOBALine
Output IRIG-B, DCF-FSK

MOBALine Clock Movements



Slave Clock Movements
MOBALine self-setting clock movements with intelligent MOBALine decoding units. For dial diameters of 25cm up to 80cm.



Motor Movements
MOBALine self-setting motor clock movements, for dial diameters of 80cm up to 350cm.

MOBALine Channel Relays



Switching relays controlled by MOBALine. Up to 64 channels separately programmable. Function on/off or signal 1 – 99 sec. Relay 250 VAC, 1250 VA.

up to 64 channel relays

easy extension



MOBALine Application Fields



Airports



Railway Stations



Underground Stations



Hospitals



Schools, Administration



Public Buildings



Industries



Departures

