



## secondary clocks

# ECO

Time is money. With our ECO models, you get a lot of time for very little money. ECO secondary clocks are elegant and fit in with any surroundings. They can be quickly put into operation as independent battery-operated quartz clocks or radio-controlled wall clocks. ECO clocks can

also be used in a self-setting MOBALine clock installation. If you simply want to install a conventional one minute pulse time system at low cost, there's no problem. ECO secondary clocks can be installed in various ways and are built to high professional standards. Why not your next choice?

## ECO secondary clocks

We can supply the ECO clocks with various mechanisms.

### A (h/m):

Minute pulse movement for operation as a standard minute pulse slave clock, 24 V.

### SAM (h/m):

MOBALine movement for operation as self-setting slave clock.

### SEM (h/m/s):

Same as SAM but with MOBALine second movement.

### SAN (h/m):

NTP movement for operation as self-setting slave clock, powered via PoE (Power over Ethernet), synchronised by an NTP Server (e. g. NMC) via Multicast packets.

### SEN (h/m/s):

Same as SAN but with NTP second movement.

### SAW (h/m):

From a centralized radio transmitter (WTD 868-T) wireless synchronized movement with battery. Battery life span > 3 years.

### SEW (h/m/s):

Same as SAW but with second movement. Battery life span > 2 years.

### -MPS:

Mains power option for SEW and SAW movements.

### FWU (h/m/s):

DCF radio movement for autonomous operation. Battery life span > 2 years

### DQ (h/m/s):

Battery quartz movement for autonomous operation. Battery life span > 2 years

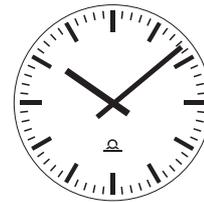
### ECO Technical data

Clock type	Movement type	Diameter	h/m hands	h/m/s hands	Second hand needle form	24 V pulses	48 V pulses	Minute pulses	Second pulses	MOBALine	LAN / NTP Multicast	PoE Power over Ethernet	Wireless WTD	DCF radio reception	Quartz	Battery powered	-MPS mains powered
ECO	A	30/40	✓			✓		✓									
ECO	SAM	30/40	✓							✓							
ECO	SEM	30		✓	✓					✓							
ECO	SAN	30	✓		✓						✓	✓					
ECO	SEN	30		✓	✓						✓	✓					
ECO	SAW	30	✓										✓			✓	✓
ECO	SEW	30		✓	✓								✓			✓	✓
ECO	FWU	30/40		✓	✓									✓		✓	✓
ECO	DQ	30/40		✓	✓										✓	✓	

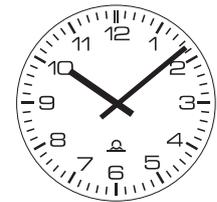
Order example:

**ECO . SEM . 30 . 200**

Clock type.movement.diameter.dial type



Type 200



Type 210

The standard colour of the case is white.

As an accessory, a mounting kit is available for mounting two ECO clocks to form a double sided clock. The flange used allows wall or ceiling mounting.



Accessories	
Order reference	Description
ECO.30.SET	Wall and ceiling kit
ECO.40.SET	Wall and ceiling kit