



Analog clocks

ECO

Time is money. With our ECO models, you get a lot of time for very little money.

ECO analog 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 minute impulse 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 - Technical details

We can supply the ECO clocks with the following movements:

I15 (h/m): AAO

Minute impulse movement for operation as a standard minute impulse analog clock, 24 or 48 V

I30 (h/m/s): SEI 40

Same as I15 but for operation with second impulses, 24 - 60 V

M00 (h/m): SAM 40

MOBALine movement for operation as self-setting slave clock

M21 (h/m/s): SEM 40

Same as M00 but with second hand

N20 (h/m): SAN 40

NTP movement for operation as self-setting analog clock, powered via PoE (Power over Ethernet), synchronized by an NTP Server (e. g. DTS) via unicast or multicast

N21 (h/m/s): SEN 40

Same as N20 but with second hand

R75 (h/m): SAW 00

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

R76 (h/m/s): SEW 00

Same as R75 but with second hand. Battery life span > 2 years

MPS:

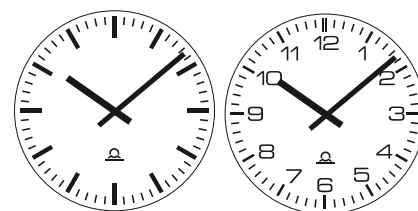
Mains power option for SEW 00 (R78) and SAW 00 (R77) movements

R21 (h/m/s): FWU

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

Q21 (h/m/s): DQ

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



Type 200

Type 210



The available diameters are 25 cm, 30 cm and 40 cm. Two different dials are available.

The standard color of the case is white (RAL 9002).

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

Order example:

ECO.40.R1.M00.200.0.00.0000
ECO clock, Ø 40 cm, single-sided, MOBALine synchronization and powered, with hour and minute hands and dial type 200.

Technical Data																	
Clock type	Diameter	Movement type	h/m hands	h/m/s hands	Second hand needle form	24-48 V impulses	24-60 V impulses	Minute impulses	Second impulses	MOBALine	LAN / NTP	PoE Power over Ethernet	Wireless WTD	DCF radio reception	Quartz	Battery powered	MPS mains powered
EC	25...40	I15	✓			✓		✓									
EC	25...40	I30		✓			✓		✓								
EC	25...40	M00	✓							✓							
EC	25...40	M21	✓							✓							
EC	25...40	N20	✓								✓	✓					
EC	25...40	N21	✓								✓	✓					
EC	25/30	R75/ R77	✓										✓			✓	✓
EC	25/30	R76/ R78		✓	✓								✓			✓	✓
EC	25...40	R21	✓	✓										✓		✓	
EC	25...40	Q21	✓	✓											✓	✓	

Type	Illumination	Ø	Version	Movement	Dial	Covering glass	Housing type
EC	0 = none	25 30 40	R1 = single-sided	see above	200 210	0 = acryl glass	00 = standard