

RADIO TELEGRAM

AIRPORT24

The wireless MOBATIME AirPort24 technology offers a professional solution wherever a wired clock system cannot be used and/or cannot be extended and the use of individual DCF77 radio clocks is ruled out due to poor reception conditions.

FUNCTION

The complete time information (hours, minutes, seconds, date and year) is transmitted from an AirPort24 radio telegram transmitter via radio (868 .. 869 MHz) within a radius of approx. 250 m.

All AirPort24 radio telegram slave clocks within this range automatically set themselves to the current time and date. The AirPort24 radio telegram slave clocks are powered by battery(ies).

SYNCHRONIZATION

The AirPort24 radio telegram transmitter is synchronized either via the DCF active telegram of a MOBATIME master clock or LAN (NTP input RJ45).

EXTENSION

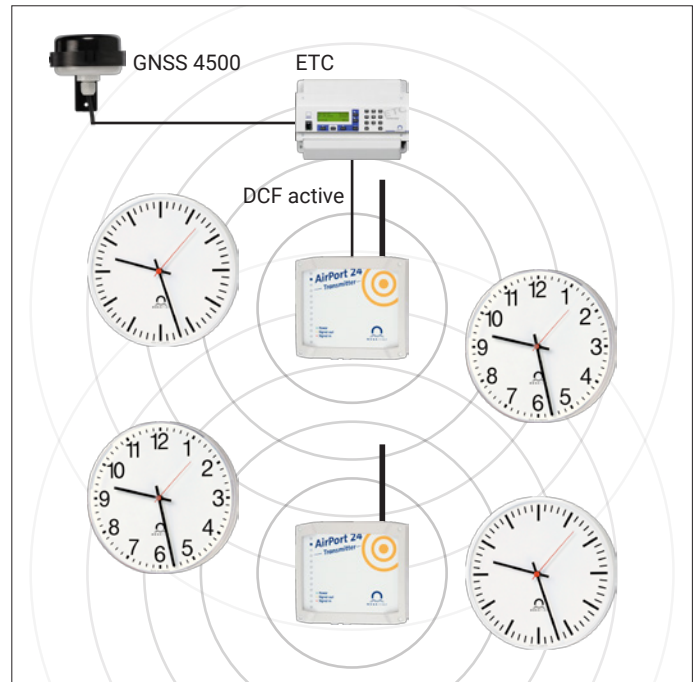
AirPort24 radio telegram repeaters can be used to increase the range. These receive the MOBATIME AirPort24 time telegram from the AirPort24 transmitter at the edge of the distribution radius and in turn transmit the time telegram within a radius of approx. 250 m to the radio telegram slave clocks.

The MOBATIME AirPort24 radio telegram technology is suitable both as a stand-alone, wireless clock system and as a supplement to an existing, conventional clock system where subsequent extension of the wiring is costly or not possible for other reasons.

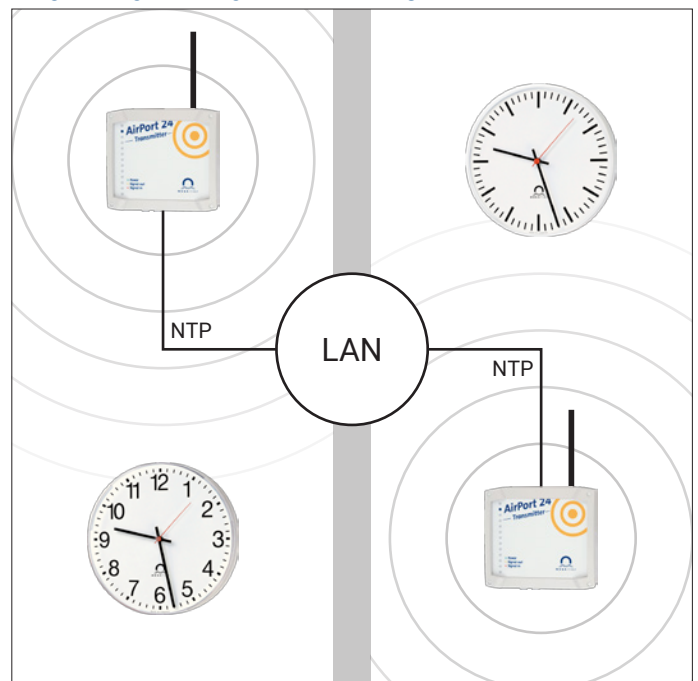
ADVANTAGES

- transmission of the complete time and date protocol
- secure transmission within a radius of up to approx. 250 m (indoors), up to approx. 1,000 m outdoors
- unlimited number of AirPort24 radio telegram slave clocks within the range
- can be extended indefinitely using repeaters (amplifiers)
- simple, cost-effective and flexible installation, no cabling required

TRANSMITTER WITH DCF ACTIVE INPUT AND REPEATER



TWO TRANSMITTERS WITH NTP INPUT



TECHNICAL DATA

TRANSMITTER/REPEATER



	Transmitter (DCF active)	Transmitter (LAN)	Repeater
Art. no.	138332	138333	138334
Power supply	100–230 VAC, 50/60 Hz		
Signal input	DCF active	NTP	868–869 MHz
Signal output	868–869 MHz		
Signal range	250 m (indoors)		
Housing	Plastic		
Housing dimensions	199 x 178 x 57 mm		
Degree of protection	IP 30		
Standards	EN 60529		

CLOCKS



Art. no.	138335 (Ø 30cm) 138337 (Ø 40cm)	138336 (Ø 30cm) 138338 (Ø 40cm)	138339 (Ø 30cm) 138341 (Ø 40cm)	138340 (Ø 30cm) 138342 (Ø 40cm)
Diameter (mm)	138335/138336: 315 138337/138338: 415		138339/138340: 300 138341/139342: 400	
Depth (mm)	57		64	
Case	plastic		metal	
Case color	transparent		white (RAL 9016)	
Cover glass	Plexiglas		138339/138340: mineral glass 138341/139342: Plexiglas	
Power supply	2x 1.5V battery (LR-14 / type C)			
Degree of protection	IP 30			

LE-801403.01 / 2024

*Have questions?
We are happy to help.*

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