PEWETA *AirPort24* Transmitter and Repeater
Time distribution by RF transmission (868 … 869 MHz)

As an alternative to wire-bound clock systems or to individual clocks with DCF77 aerials, the PEWETA *AirPort24* radio telegram technology permits the distribution of a time signal by radio inside or outside of buildings.

The PEWETA *AirPort24* transmitter receives the time and date telegram either by wire from a PEWETA type series 921 Master Clock (see pages 178 … 181) or as an NTP client by LAN and transmits the complete time/date information by radio (in the 868..869 MHz UHF-band) with a range of about 250 m inside buildings (up to cir. 1,000 m outdoors). All PEWETA *AirPort24* radio telegram slave clocks within this range will automatically self-adjust to the current time and date indication.

Using PEWETA *AirPort24* repeaters extends the range by a further 250 m per repeater.

PEWETA *AirPort24* transmitter
Transmitter with integrated aerial for distributing the PEWETA *AirPort24* time/date telegram to all radio telegram slave clocks within a radius of cir. 250 m inside buildings (up to cir. 1,000 m outdoors). Choice of **input signal**:

- **PEWETA *DCFport24* telegram** for synchronization by a PEWETA type series 921 Master Clock
- **NTP** for synchronization by LAN (NTP client).

PEWETA *Airport24* repeater
Receives the PEWETA *AirPort24* time/date telegram from the PEWETA *AirPort24* transmitter and transmits the PEWETA *AirPort24* time/date telegram to radio telegram slave clocks within a radius of cir. 250 m inside buildings (up to cir. 1,000 m outdoors).

10.**940**.100 shown

AirPort24 **transmitter and repeater**

Type series
940

Type series
941

Technical data for transmitter and repeater

Frequency range		868 … 869 MHz
Output power		adjustable in steps, up to 500 mW
Operating voltage		230 V AC/50 … 60 Hz (mains adapter included)
Case	material	plastic, light grey
	dimensions	cir. 199 x 178 x 57 mm
	protection grade	IP 54 (EN 60529)

PEWETA *AirPort24* transmitter	Item No.	€ each
Input: PEWETA *DCFport24* pulse telegram	10.**940**.100	825.–
Input: NTP synchronization by LAN (NTP client)	10.**940**.200	999.–

PEWETA *AirPort24* repeater	Item No.	€ each
Input: PEWETA *AirPort24* radio telegram	10.**941**.100	925.–

Characteristics

- Transmission of the complete time/date telegram
- Reliable transmission of time/date telegram within a range of 250 m inside buildings, more than 1,000 m outdoors
- Unlimited number of *AirPort24* telegram slave clocks within this range
- Cost-effective and simple wireless installation
- Capable of unlimited expansion by using repeaters
- Location of clocks at random, indoors or outdoors within transmission range
- Also suitable to expand existing, wire supported slave clock networks.

10.**941**.100 shown

Any questions about technical details?

We will be happy to help with hints to planned projects and examples of specific applications. Don't hesitate to contact us. We look forward to your call or your e-mail.

All prices are subject to change without notice, packing and shipping cost (see page 187) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2025. If you have any questions or require additional information, please contact us, we will gladly give advice.

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