



Description

This radio clock PTC-240D enables you to drive and control up to 130 side clocks on 2 side clock lines. These operate independently from each other in impulse operation. The optional relay cards PTC-008B allow additional time-dependent monitoring of up to 16 relay-switch outputs.

You can easily set up the basic functions of the main clock on the front panel of the device. For any additional programming of events you are supplied with clearly structured computer configuration software.

The main clock is synchronised every hour through the DCF-receiver module PRR-077 B. The receiver as well as the directional mounting angle accord to the degree of protection IP 65. Therefore they are suitable for mounting in receiver-heavy outside areas.

Please consider the following features:

- Monitoring of the NU-lines regarding overload or short circuit.
- Storing the position of the slave clock in case of power failure without extra battery. Slave clocks be reset after return of the mains voltage.
- Monitored 24V emergency power-input, in order to maintain the impulse of the side clock.
- Freely programmable allocations of all relay contacts.
- All daily events are recorded in a "daily list".

Model designations

Main Clock, incl. side clock control, second output, etc..... **PTC-240 D**
DCF-Receiver Module, dimensions 94x65x58 mm **PRR-077 B**

optional Accessories

Relay Card, for Main Clock PTC-240D. **PTC-008 B**
Main Clock Programming adapter, for main clock PTC-240D **PCA-300**
Main Clock AC adaptor plug 24 V, 2A, for main clock PTC-240D **PSU-048/24**

- Automatic conversion from summer time to winter time.

Furthermore you can apply the main clock PTC-240D in combination with the RCS VARES-3000 System.

Any special functions such as automatic timing announcements for selected area's as well as free programming of all relay contacts for up to 250 events are possible with this main clock.

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Technical data	PTC-240 D
Display	2-line LCD-Display, cleartext
Power reserve	10 years
Capacity / Number of NU-Lines	0,5 A/linie; 65 auxiliary clocks per line
Operation mode NU-Lines	Impulse minutes, 2 seconds
Pulse repetition	Normal: 1/min. adjust: 10/min.
Relay contacts	up to 16 relay switch outputs
Pulse length	1 – 59 seconds (digital switchable)
Contact capacity	6A/160 V each channel
Interfaces	RS-485-Bus
Memory capacity	253 (events)
Time base	Quarz, optional DCF-77
Power supply	24 V DC / max. 2 A
Dimensions / Weight	483 x 44 x 171 mm, 1 RU / approx. 2 kg

Configuration Programming adapter PCA-300

Programming adapter to configuring VARES-3000 Main Clock PTC-240D (if Main Clock PTC-240D is in use without the PSS-224C).