

# Indoor Clocks

## single face



Indoor  
analog  
single face

Type series  
**280**



71.280.321 shown

Wall clocks with shock-resistant plastic cases. State-of-the-art, up-to-date, functional – totally reliable!



81.280.321

Telegram slave clock

### Case

- cir. 275 x 275 mm
  - cir. 325 x 325 mm
  - cir. 425 x 425 mm
- shock-resistant Plexiglas® XT case with a matted rim.  
Protection grade IP 40 (EN 60 529).

### Front glass

Shock-resistant Plexiglas® XT for outstandingly clear visibility.

### Face

High distinction white metal with black DIN bar markings for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

### Hands

Pointed black bar-type hour and minute hands, red second hand.

No second hand on minute pulse 12...60 V controlled slave clocks.



**Indoor**  
analog  
single face

### Power outage reserve

DCF77 radio controlled clocks and AirPort24 slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Clock type	Face dimensions ▶	250 x 250 mm		300 x 300 mm		400 x 400 mm	
		Item No.	€ each	Item No.	€ each	Item No.	€ each
Quartz clock, battery operated 1.5 V		41.280.221	129.–	41.280.321	134.–	41.280.421	179.–
DCF77 radio controlled clock, battery operated 1.5 V		51.280.221	184.–	51.280.321	189.–	51.280.421	244.–
DCF77 radio controlled clock, mains operated 230 VAC, with outage reserve		52.280.221	264.–	52.280.321	269.–	52.280.421	324.–
Slave clock, minute pulse 12...60 V		71.280.221	144.–	71.280.321	149.–	71.280.421	184.–
Slave clock, minute/second pulse 12/24 V		72.280.221	369.–	72.280.321	374.–	72.280.421	409.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.280.221	509.–	73.280.321	514.–	73.280.421	549.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz		74.280.221	554.–	74.280.321	559.–	74.280.421	594.–
Slave clock, second pulse 12/24 V, with creeping minute hand		75.280.221	529.–	75.280.321	534.–	75.280.421	569.–
Telegram slave clock, DCFport24		81.280.221	169.–	81.280.321	174.–	81.280.421	219.–
RC telegram slave clock, AirPort24, battery operated 1.5 V		84.280.221	273.–	84.280.321	278.–	84.280.421	323.–
RC telegram slave clock, AirPort24, mains operated 230 VAC, with outage reserve		85.280.221	333.–	85.280.321	338.–	85.280.421	383.–
NTP system clock (NTP client), synchronisation by LAN, PoE <sup>1)</sup>		91.280.221	318.–	91.280.321	323.–	91.280.421	368.–
Option		250x250mm Suffix	Surcharge € each	300x300mm Suffix	Surcharge € each	400x400mm Suffix	Surcharge € each
External DCF77 receiving aerial (cannot be added later)		-60	169.–	-60	169.–	-60	169.–

Type series

# 280



### DCF77 radio controlled clocks

DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a removable DCF77 aerial (option).

### PEWETA DCFport24

PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 172 on).

### PEWETA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 177).

### NTP

NTP system clocks require a PEWETA master clock (see from page 172 on) or an NTP time server (see page 179).

<sup>1)</sup>NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.