

# Analog Clocks for In-Wall Mounting

ideal for surgical operating rooms and other clean rooms



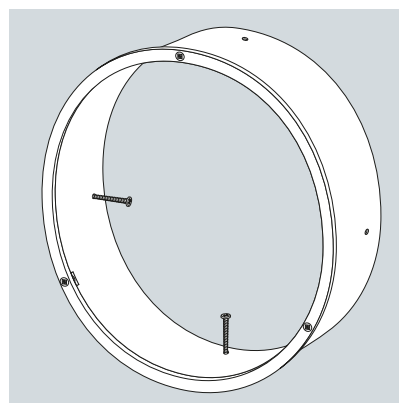
Indoor  
analog  
flush-mounted

Type series  
**460**



73.460.310  
for mounting in conventional brick-and-plaster walls shown

These round analog clocks with stainless steel V4A cases were designed with the surgical operating room in mind. Mounted in-wall, flush with the surface, these reliable and accurate clocks meet all hygienic standards. Also suitable for all other demanding environments such as the pharmaceutical, beverage and food industries.



Metal mounting frame 01.460.300  
for in-wall mounting in conventional brick walls  
(flush with tiles or plaster)



Clock 81.460.310 for in-wall mounting  
with spring-clip attachment device 01.460.301  
for stud-and-panel wall mounting

### Case

- cir. 301 mm diameter
- cir. 401 mm diameter

very high grade stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), for mounting flush with wall tiles or plaster. Visible surface with a matted finish, resistant to acids, detergents and disinfectants. In mounted condition protected against dust and moisture to IP 54 (EN 60 529).

### Mounting

- built-in/plaster
- in stud-and-panel wall

A metal mounting frame for conventional brick walls or a spring-clip device for stud-and-panel walls is supplied with the clock.

### Front glass

Flat mineral glass, 3 mm. Optionally treated for low reflectivity.

### Face

High distinction white metal with black Arabic numerals. Face printed according to DIN 41 091.

### Hands

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

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

### Stainless steel V4A

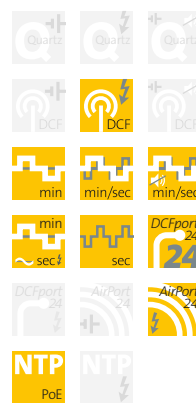
Due to its components stainless steel V4A is not only completely impervious to detergents and disinfectants but also to acids and other aggressive media. The flush-mounted clocks of this type series are therefore particularly suited for the use surgical operating rooms and other clean rooms.



**Indoor**  
analog  
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Type series

# 460



Mounting dimensions		301 mm diameter	401 mm diameter
<b>With mounting frame</b> (conventional brick walls)	mounting frame diameter	cir. 301 mm	cir. 401 mm
	wall breakout diameter	cir. 301 mm	cir. 401 mm
	minimum depth	cir. 63 mm	cir. 63 mm
<b>With spring clips</b> (stud-and-panel walls)	clock case diameter	cir. 301 mm	cir. 401 mm
	wall breakout diameter	cir. 282 mm	cir. 382 mm
	minimum depth	cir. 60 mm	cir. 60 mm
Technical data		301 mm diameter	401 mm diameter
<b>Face</b>	visible face diameter	cir. 250 mm	cir. 350 mm
	print diameter	cir. 240 mm	cir. 340 mm

Clock type	301 mm diameter Item No.	€ each	401 mm diameter Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC <sup>1)</sup>	52.460.310	965.-	52.460.410	1,098.-
Slave clock, minute pulse 12...60 V	71.460.310	735.-	71.460.410	869.-
Slave clock, minute/second pulse 12/24 V	72.460.310	980.-	72.460.410	1,114.-
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.460.310	1,100.-	73.460.410	1,234.-
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.460.310	1,145.-	74.460.410	1,279.-
Slave clock, second pulse 12/24 V, with creeping minute hand	75.460.310	1,120.-	75.460.410	1,254.-
Telegram slave clock, DCFport24, 12/24 V	81.460.310	745.-	81.460.410	880.-
RC telegram slave clock, AirPort24, mains operated 230 VAC, with outage reserve	85.460.310	910.-	85.460.410	1,044.-
NTP system clock (NTP client), synchronisation by LAN, PoE <sup>2)</sup>	91.460.310	895.-	91.460.410	1,029.-

Mounting kits (please order one frame or kit per clock)	301 mm diameter Item No.	€ each	401 mm diameter Item No.	€ each
Metal mounting frame for in-wall mounting in conventional brick walls (diameter x depth: 301 x 60 mm, 401 x 60 mm respectively)	01.460.300	none	01.460.400	none
Mounting kit for stud-and-panel walls (spring-clip attachment device/no mounting frame required)	01.460.301	none	01.460.401	none

Option	301 mm Suffix	Surcharge € each	401 mm Suffix	Surcharge € each
Front glass treated for low reflectivity	-49	49.-	-49	49.-

### DCF77 radio controlled clocks

DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

### PEWETA DCFport24

PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 178 on).

### PEWETA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 183).

### NTP

NTP system clocks require a PEWETA master clock (see from page 178 on) or an NTP time server (see page 185).

<sup>1)</sup>A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.

<sup>2)</sup>NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.