

Analog Clocks for In-Wall Mounting, square ideal for surgical operating rooms and other clean rooms



Indoor
analog
flush-mounted

Type series
470



73.470.310 for mounting in conventional brick walls shown



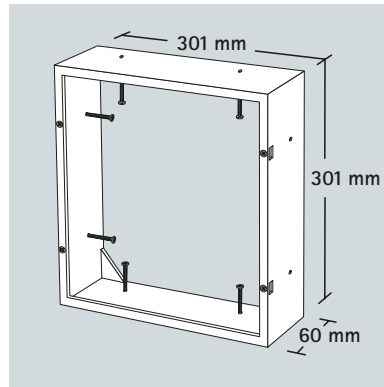
73.470.320



91.470.330

These square 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 01.470.300
for in-wall mounting in conventional brick
walls (flush with tiles or plaster)



81.470.311

Version with stainless steel spring-clips for
mounting in stud-and-panel walls

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.

Case

■ cir. 301 x 301 mm
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

For flush **in-wall-mounting** we offer the following designs:

- with mounting frame, aluminium frame for mounting in conventional brick walls included in delivery shipment
- for stud-and-panel walls, stainless steel spring-clip device for flush mounting included

Optionally, at a surcharge, the clock can also be supplied with a V4A stainless steel case for **on-wall mounting**.

Front glass

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

Face

High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings. 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.

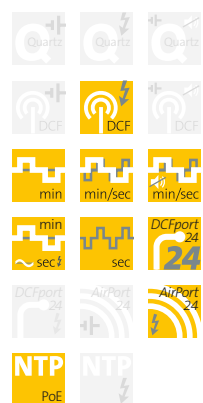


**Indoor
analog
flush-mounted**

Mounting dimensions		with mounting frame	for stud-and-panel walls
Clock case (width x height)		cir. 301 x 301 mm	cir. 301 x 301 mm
Wall breakout (width x height)		cir. 301 x 301 mm	cir. 282 x 277 mm
Depth		cir. 63 mm	cir. 60 mm
Technical data			
Face	print diameter		cir. 235 mm
	face dimensions		cir. 270 x 270 mm
Power consumption	slave clock, minute pulse 24 V		cir. 6 mA
	slave clock, minute/second pulse 24 V		cir. 12 mA
Clock type		Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC ¹⁾		52.470.	985.-
Slave clock, minute pulse 12...60 V		71.470.	750.-
Slave clock, minute/second pulse 12/24 V		72.470.	1,001.-
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.470.	1,124.-
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz		74.470.	1,170.-
Slave clock, second pulse 12/24 V, with creeping minute hand		75.470.	1,145.-
Telegram slave clock, DCFport24, 12/24 V		81.470.	765.-
RC telegram slave clock, AirPort24, mains operated 230 VAC, with outage reserve		85.470.	973.-
NTP system clock (NTP client), synchronisation by LAN, PoE ³⁾		91.470.	922.-
Face print		Mounting	▲
Arabic numerals		with mounting frame	310
		for stud-and-panel walls	311
		for on-wall mounting	312 +290.-
DIN bar markings		with mounting frame	320
		for stud-and-panel walls	321
		for on-wall mounting	322 +290.-
Fine-line markings		with mounting frame	330
		for stud-and-panel walls	331
		for on-wall mounting	332 +290.-
Option		Suffix	Surcharge € each
Front glass treated for low reflectivity		-49	49.-

Type series

470



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 130 on).

PEWETA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP

NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

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

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