

Analogue Slave Clock

Indoor, TIME CODE SYSTEM



Features

The master clock evaluates the time and date information using a radio receiver. It corrects possible deviations and forwards the data serially in the form of pulses or as a time-code signal to all connected slave clocks. Time changes, such as changing from daylight saving time to wintertime, can either be performed fully automatically or can be freely configured. Thanks to time-code synchronisation, the slave clocks set themselves automatically even after a long power failure and run again accurate to the second in a very short time.

General Informations

- Sizes Ø 230, 300 and 400 mm
- Housing ABS-plastic, white (NCS 0502-B). Special colors available on request (RAL, NCS)
- White dial with black numerals 1–12 (A-dial), black hour marks (H-dial) or office version
- Black hour- and minute hand
- Flat front cover of glass
- Single sided for surface wall mounting or double sided with mounting bracket for either wall mounting or ceiling/standing installation
- Double sided clocks consist of two single sided clocks and one bracket

Options:

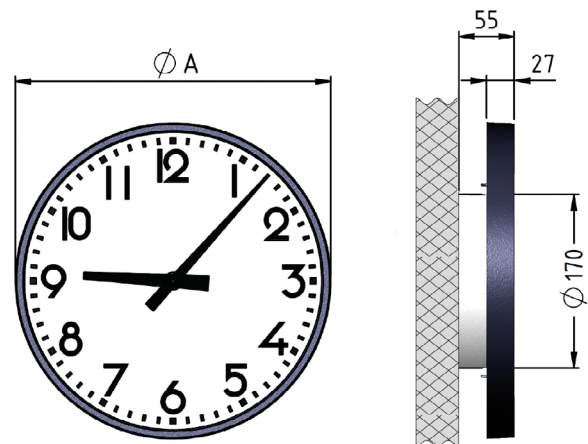
- Front cover in polycarbonate
- Protection cupola in acrylic or protection cover in polycarbonate
- Running reserve
- Red stepping seconds hand for TC
- Back cover in white painted aluminium for single sided mounting with bracket

Technical Informations

The baudrate of the time code is low, only 1 bit/second. This ensures that no high demands are set to the cable used at installation. Automatic control of the hands position at 12.00. The 12.00 position is detected by magnets and hall sensors. In the event of a power failure, the clock is temporarily stopped. When power returns the hands will automatically and rapidly, be set to 12.00 position and thereafter to correct present time. Installation: The clock is connected to the 2-wire bus. The hour- and minute hands are automatically, and rapidly, set to 12.00 position and remain there while waiting for correct time information to be received through the time code. When the movement has received, and accepted, a time code, the hands are automatically, and rapidly, forwarded to correct time. The speed at automatic rapid setting is one minute per second.

Specifications

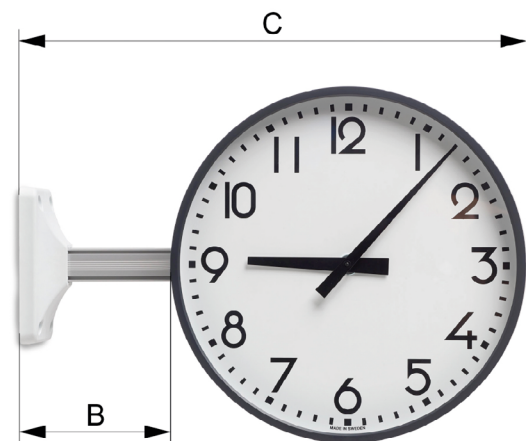
Clocks HH:MM – Type W				
Model code	Size	Color	Dial	Weight
T4021529	Ø 230 mm	White	A	0.8 kg
T4023529	Ø 230 mm	White	H	0.8 kg
T4020529	Ø 230 mm	White	Office	0.8 kg
T4031529	Ø 300 mm	White	A	1.1 kg
T4033529	Ø 300 mm	White	H	1.1 kg
T4030529	Ø 300 mm	White	Office	1.1 kg
T4041529	Ø 400 mm	White	A	1.8 kg
T4043529	Ø 400 mm	White	H </td <td>1.8 kg</td>	1.8 kg
T4040529	Ø 400 mm	White	Office	1.8 kg



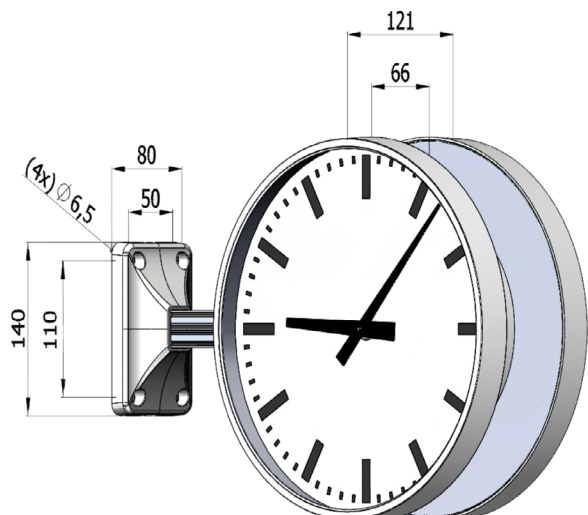
Dial A: Numerals / H: Hour marks / Office: Thin lines

Bracket (Alu) / Back cover (White painted aluminium)			
Model code	Type	Version	Weight
B161375	Bracket	Ø 230 mm	0.3 kg
B161372	Bracket	Ø 300 mm	0.4 kg
B161373	Bracket	Ø 400 mm	0.5 kg
BC161595	Back cover	-	0.1 kg

Power Consumption	7.5 mA/side (24 V DC Min. Impuls)
Temperature range	0° C to +40° C
Relative Humidity	95 %
Protection	IP20
Clock Ø/Reading distance	Ø 230 mm / 10 m Ø 300 mm / 20 m Ø 400 mm / 25 m



	A	B	C
Ø 230 mm	236 mm	120 mm	356 mm
Ø 300 mm	309 mm	135 mm	444 mm
Ø 400 mm	410 mm	145 mm	555 mm



Dimensions in mm