

Analogue Slave Clock

INDOOR, NTP POE SYSTEM



Features

The analog NTP-PoE clocks receive the time from the NTP-server in the local network. Automatic time correction every second hour during normal operation. Supervision and alarm management are available by standard protocols. When a power brake occurs, the clocks will temporarily stop, and will automatically be reset when the power return. Power supply by PoE, Power over Ethernet by a RJ45 network connector. The Ethernet cable is combining power supply and data. PoE network switch is available.

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, sweeping. Black minute, stepping (4 steps / min). Red seconds, stepping
- 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

Options:

- Front cover in polycarbonate
- Protection cupola in acrylic or protection cover in polycarbonate
- Running reserve 12 V DC
- Back cover in white painted aluminium for single sided mounting with bracket

Specifications

Clocks HH:MM – Single sided				
Model code	Size	Color	Dial	Weight
N 4021499	Ø 230 mm	White	A	0.8 kg
N 4023499	Ø 230 mm	White	H	0.8 kg

N 4031499	Ø 300 mm	White	A	1.1 kg
N 4033499	Ø 300 mm	White	H	1.1 kg

N 4041499	Ø 400 mm	White	A	1.8 kg
N 4043499	Ø 400 mm	White	H	1.8 kg

Clocks HH:MM:SS, Stepping seconds – Single sided

Model code	Size	Color	Dial	Weight
N 4021496	Ø 230 mm	White	A	0.8 kg
N 4023496	Ø 230 mm	White	H	0.8 kg

N 4031496	Ø 300 mm	White	A	1.1 kg
N 4033496	Ø 300 mm	White	H	1.1 kg

N 4041496	Ø 400 mm	White	A	1.8 kg
N 4043496	Ø 400 mm	White	H	1.8 kg

Clocks HH:MM – Double sided

Model code	Size	Color	Dial	Weight
N 4421499	Ø 230 mm	White	A	1.9 kg
N 4423499	Ø 230 mm	White	H	1.9 kg

N 4431499	Ø 300 mm	White	A	2.6 kg
N 4433499	Ø 300 mm	White	H	2.6 kg

N 4441499	Ø 400 mm	White	A	4.1 kg
N 4443499	Ø 400 mm	White	H	4.1 kg

Clocks HH:MM:SS, Stepping sec. – Double sided

Model code	Size	Color	Dial	Weight
N 4421496	Ø 230 mm	White	A	1.9 kg
N 4423496	Ø 230 mm	White	H	1.9 kg

N 4431496	Ø 300 mm	White	A	2.6 kg
N 4433496	Ø 300 mm	White	H	2.6 kg

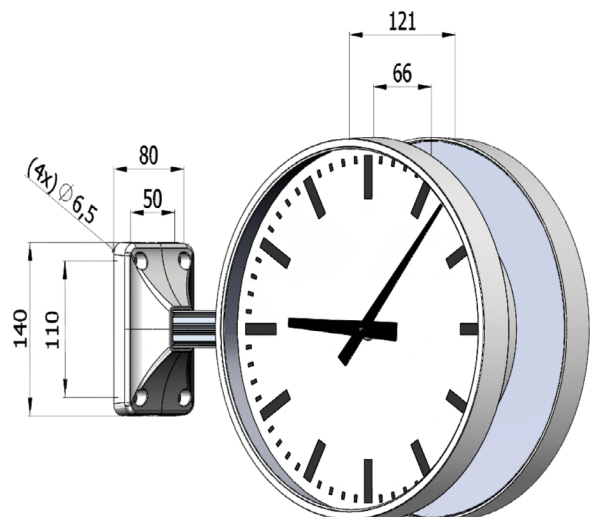
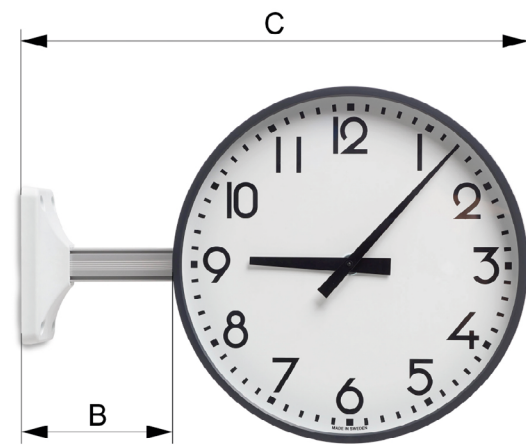
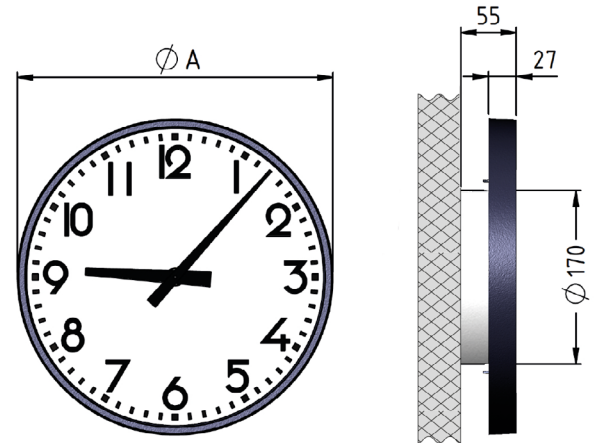
N 4441496	Ø 400 mm	White	A	4.1 kg
N 4443496	Ø 400 mm	White	H	4.1 kg

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

	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

Technical informations

Protocols supported	<ul style="list-style-type: none"> • Network Time Protocol (NTP) version 1, 2, 3 and 4 • SNTP version 3 and 4 • MD5 authentication and autokey Key Management
NTP protocol modes	<ul style="list-style-type: none"> • Unicast client mode (point to point), support for DHCP option 42 • Broadcast & Multicast mode (point to multipoint) • Multicast group address 224.0.1.1
Other supported protocols	HTTP, Telnet, SNMP, SYSLOG
Transport protocol	TCP-, UDP
IP address assignment	IPv4, IPv6
Compatibility	Ethernet version 2/IEEE 802.3af
Ethernet	Supports 10/ 100 BASE-T (RJ45) connections
Additional info.	Support for DNS Bracket arm in aluminium profile
Power over Ethernet	IEEE 802.3af
Power consumption	2 Watts
Temperature range	-20°C to 60°C
Relative Humidity	Max. 95%
Protection	IP20
Noise (normal run)	< 35 db (A)
Standards compliance	<ul style="list-style-type: none"> • EN 61000-6-3:2001 Emission • EN 61000-6-2:2005 Immunity
Clock size/Reading distance	<ul style="list-style-type: none"> Ø 230 mm / 10 m Ø 300 mm / 20 m Ø 400 mm / 35 m