

Analogue indoor NTP PoE Clock - Exclusive design



The Westerstrand 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.

Technical information

Configuration by web browser or Telnet.

DHCP option 42 for automatic configuration of NTP-server address is supported.

Unicast, Multicast and Broadcast time synchronization are available.

If the connection to the time server is lost, the clock will continue to operate by it's built in time base.

When the connection to the time server is restored, the clock will automatically be synchronized again.

The positions of the hands are registered by the clock.

General

- Sizes Ø230, 300 and 400mm
- Housing i ABS-plastic, white (NCS 0502-B) or graphite grey (RAL 7016)
- White dial with black numerals 1-12 (A-dial), black hour marks (H-dial)
- Black hours and minutes 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

Options

- Front cover in polycarbonate
- Protection cupola in acrylic or protection cover in polycarbonate
- Fixation ring
- Back cover in white painted aluminium for single sided mounting with bracket

Technical Specifications NTP PoE Clock

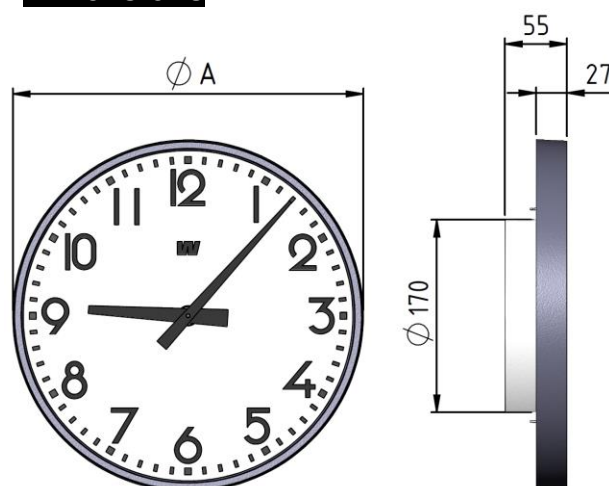
Clocks HH:MM – Single sided

Article No	Size	Colour	Dial	Weight
NM4021499-00	Ø230	Grey	A	0,8 Kgs
NM4021499-90	Ø230	White	A	0,8 Kgs
NM4023499-00	Ø230	Grey	H	0,8 Kgs
NM4023499-90	Ø230	White	H	0,8 Kgs
NM4031499-00	Ø300	Grey	A	1,1 Kgs
NM4031499-90	Ø300	White	A	1,1 Kgs
NM4033499-00	Ø300	Grey	H	1,1 Kgs
NM4033499-90	Ø300	White	H	1,1 Kgs
NM4041499-00	Ø400	Grey	A	1,8 Kgs
NM4041499-90	Ø400	White	A	1,8 Kgs
NM4043499-00	Ø400	Grey	H	1,8 Kgs
NM4043499-90	Ø400	White	H	1,8 Kgs

Clocks HH:MM – Double sided

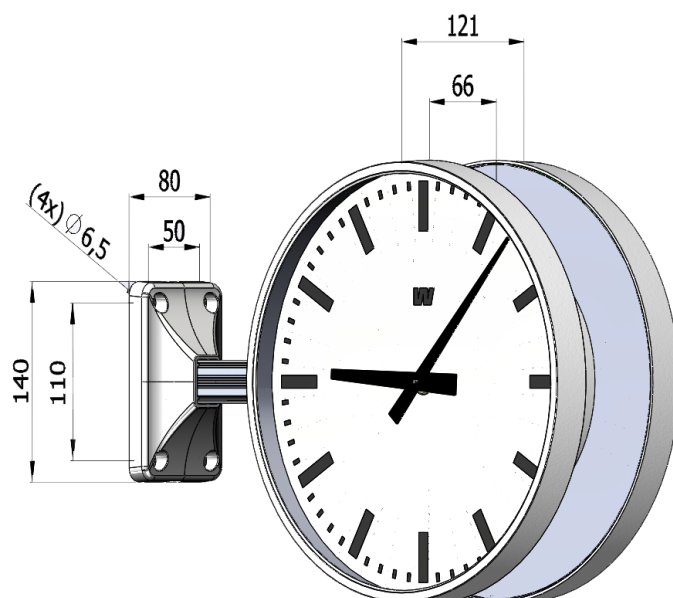
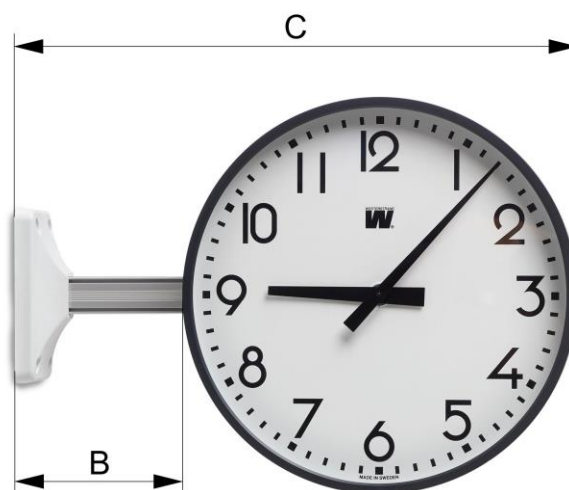
Article No	Size	Colour	Dial	Weight
NM4421499-00	Ø230	Grey	A	1,9 Kgs
NM4421499-90	Ø230	White	A	1,9 Kgs
NM4423499-00	Ø230	Grey	H	1,9 Kgs
NM4423499-90	Ø230	White	H	1,9 Kgs
NM4431499-00	Ø300	Grey	A	2,6 Kgs
NM4431499-90	Ø300	White	A	2,6 Kgs
NM4433499-00	Ø300	Grey	H	2,6 Kgs
NM4433499-90	Ø300	White	H	2,6 Kgs
NM4441499-00	Ø400	Grey	A	4,1 Kgs
NM4441499-90	Ø400	White	A	4,1 Kgs
NM4443499-00	Ø400	Grey	H	4,1 Kgs
NM4443499-90	Ø400	White	H	4,1 Kgs

Dimensions



PoE Clocks	A	B	C
Ø230	236	120	356
Ø300	309	135	444
Ø400	410	145	555

All measurements in mm.



Technical Specifications NTP PoE Clock

Technical Data

Protocols supported:	Network Time Protocol (NTP) version 1, 2, 3 and 4, SNTP version 3 and 4 MD5 authentication.	
NTP protocol modes:	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	
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	
Operating Temp:	0 to +40°C	
Relative Humidity:	max 95%	
IP rating:	IP20	
Standards compliance:	EN 61000-6-3 Emission EN 61000-6-2 Immunity EN 50121-4	
Reading distance:	Ø230:	10m
	Ø300:	20m
	Ø400:	25m

We reserve the right to make changes at any time.