



## Analogue indoor WiFi Clock - Exclusive design



Westerstrand **Wifi-Clocks** are suitable for flexible installations. The clock has to be connected to a new or an already existing WiFi-network. At installation, the required time server must be stated. All clock settings can be done from a windows computer by USB.

In case of a power failure, the clock will temporarily stop, and will reset automatically when the power returns. Unlike our wireless system, our WiFi communication is two-way and has an option for monitoring using syslog protocol.

### Technical information

Compatible with 802.11b/g networks.

Frequency: 2,402 to 2,480 GHz, Channels 1-14.

Supports general encryption methods and algorithm of WiFi.

Time synchronisation is performed at 02:00, 03:00, 04:00, 12:00 and 20:00 local time.

The time synchronisation works in Unicast mode.

If a clock loses contact with the time server, it continues to run on its own time base.

Status and battery report by syslog messages.

Settings for Time Zone and DST is worldwide.

The clock is run on alkaline battery, C-cell (running time approx. 1 year) or as option via battery eliminator. (40612-04) 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 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 acrylic or polycarbonate
- Protection cupola in acrylic or protection cover in polycarbonate
- Battery eliminator (40612-04)
- Back cover in white painted aluminium for single sided mounting with bracket
- Aluminum ring/housing
- Mounting ring
- Console for single sided mounting

## Technical Specifications WiFi Clock

### Clocks HH:MM – Single sided

Article No	Size	Colour	Dial	Weight
WI 4021459-00	Ø230	Grey	A	0,8 Kgs
WI 4021459-90	Ø230	White	A	0,8 Kgs
WI 4023459-00	Ø230	Grey	H	0,8 Kgs
WI 4023459-90	Ø230	White	H	0,8 Kgs

WI 4031459-00	Ø300	Grey	A	1,1 Kgs
WI 4031459-90	Ø300	White	A	1,1 Kgs
WI 4033459-00	Ø300	Grey	H	1,1 Kgs
WI 4033459-90	Ø300	White	H	1,1 Kgs

WI 4041459-00	Ø400	Grey	A	1,8 Kgs
WI 4041459-90	Ø400	White	A	1,8 Kgs
WI 4043459-00	Ø400	Grey	H	1,8 Kgs
WI 4043459-90	Ø400	White	H	1,8 Kgs

### Clocks HH:MM:SS Stepping seconds – single sided

Article No	Size	Colour	Dial	Weight
WI 4021456-00	Ø230	Grey	A	0,8 Kgs
WI 4021456-90	Ø230	White	A	0,8 Kgs
WI 4023456-00	Ø230	Grey	H	0,8 Kgs
WI 4023456-90	Ø230	White	H	0,8 Kgs

WI 4031456-00	Ø300	Grey	A	1,1 Kgs
WI 4031456-90	Ø300	White	A	1,1 Kgs
WI 4033456-00	Ø300	Grey	H	1,1 Kgs
WI 4033456-90	Ø300	White	H	1,1 Kgs

WI 4041456-00	Ø400	Grey	A	1,8 Kgs
WI 4041456-90	Ø400	White	A	1,8 Kgs
WI 4043456-00	Ø400	Grey	H	1,8 Kgs
WI 4043456-90	Ø400	White	H	1,8 Kgs

### Clocks HH:MM – Double sided

Article No	Size	Colour	Dial	Weight
WI 4421459-00	Ø230	Grey	A	1,9 Kgs
WI 4421459-90	Ø230	White	A	1,9 Kgs
WI 4423459-00	Ø230	Grey	H	1,9 Kgs
WI 4423459-90	Ø230	White	H	1,9 Kgs

WI 4431459-00	Ø300	Grey	A	2,6 Kgs
WI 4431459-90	Ø300	White	A	2,6 Kgs
WI 4433459-00	Ø300	Grey	H	2,6 Kgs
WI 4433459-90	Ø300	White	H	2,6 Kgs

WI 4441459-00	Ø400	Grey	A	4,1 Kgs
WI 4441459-90	Ø400	White	A	4,1 Kgs
WI 4443459-00	Ø400	Grey	H	4,1 Kgs
WI 4443459-90	Ø400	White	H	4,1 Kgs

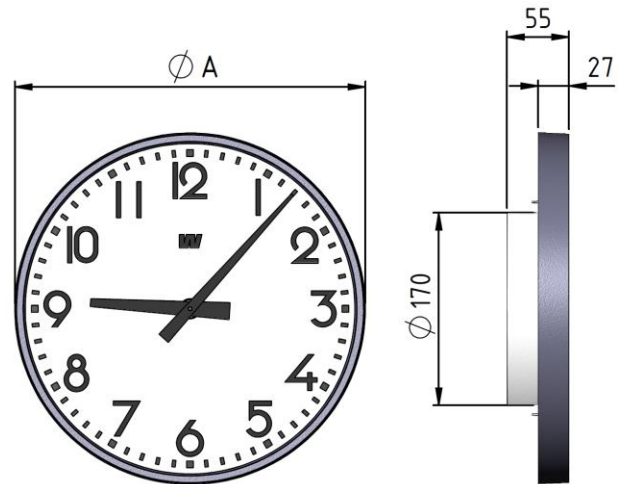
### Clocks HH:MM:SS Stepping seconds – Double sided

Article No	Size	Colour	Dial	Weight
WI 4421456-00	Ø230	Grey	A	1,9 Kgs
WI 4421456-90	Ø230	White	A	1,9 Kgs
WI 4423456-00	Ø230	Grey	H	1,9 Kgs
WI 4423456-90	Ø230	White	H	1,9 Kgs

WI 4431456-00	Ø300	Grey	A	2,6 Kgs
WI 4431456-90	Ø300	White	A	2,6 Kgs
WI 4433456-00	Ø300	Grey	H	2,6 Kgs
WI 4433456-90	Ø300	White	H	2,6 Kgs

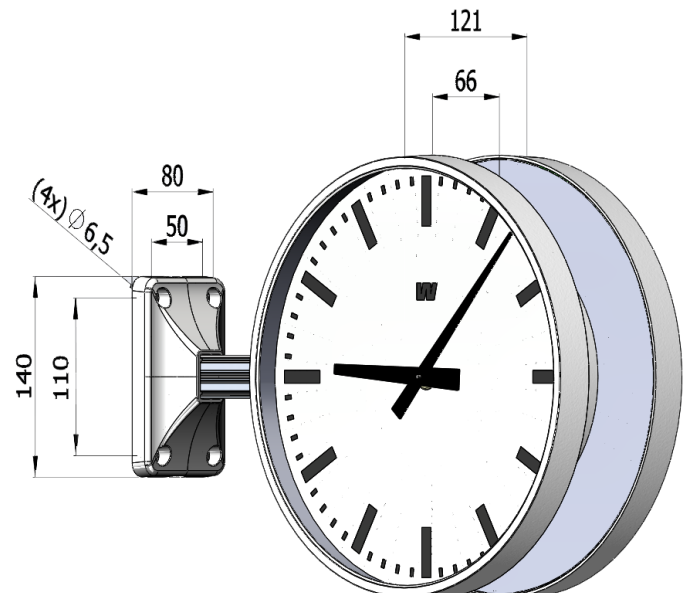
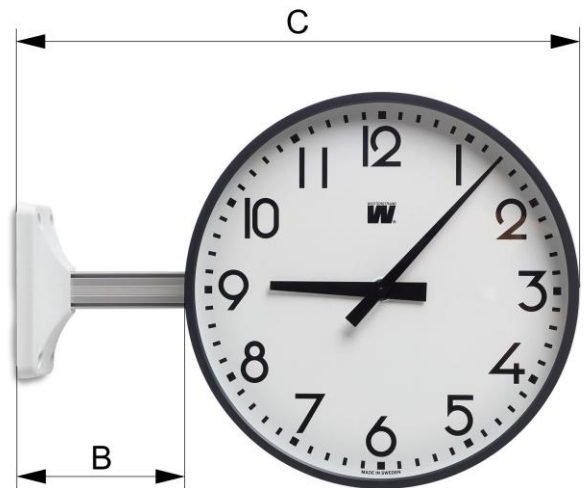
WI 4441456-00	Ø400	Grey	A	4,1 Kgs
WI 4441456-90	Ø400	White	A	4,1 Kgs
WI 4443456-00	Ø400	Grey	H	4,1 Kgs
WI 4443456-90	Ø400	White	H	4,1 Kgs

## Dimensions



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

All measurements in mm.



## Technical Specifications NTP WiFi Clock

### Technical Data

Protocols supported:	SNTP version 3	
NTP protocol modes:	Unicast client mode (point to point)	
Other supported protocols:	SYSLOG	
Frequency:	2,402 to 2,480 GHz, Channels 1-14	
Transport protocol:	TCP-, UDP	
IP address assignment:	IPv4	
Additional info.:	Support for DNS Bracket arm in aluminium profile	
Operating Temp:	0 to +40°C	
Relative Humidity:	max 95%	
IP rating:	IP20	
Noise (normal run):	< 35 db (A)	
Standards compliance	EN 61000-6-3:2001 Emission EN 61000-6-2:2005 Immunity	
Reading distance:	Ø230:	10m
	Ø300:	20m
	Ø400:	25m

We reserve the right to make changes at any time.