



Analogue indoor Wireless Clock - Exclusive design



The Wireless clock, which is a part of Westerstrand Wireless Clock System for flexible installations, is a fully automatic battery operated analogue clock with built in microcontroller and UHF receiver.

Technical information

After insertion of the batteries, the hands are driven to one of the positions 4:00, 8:00 or 12:00, depending on which is the closest to the actual hand position.

When the hands have reached this position the motors will be stopped and the time code detector is switched on. The hands will not move until the time code has been accepted.

After the receiving process has finished the hands are driven to show the correct time and the movement starts normal run.

During normal run the movement synchronises every two hours.

A correction is done if necessary (when a difference between received time and displayed time occurs).

The correct position of the hands is checked two times per day.

In case the UHF-signal would disappear, the clock continues by means of the built-in quartz crystal.

General

- Sizes Ø230, 300 and 400mm
- Housing in ABS-plastic, white (NCS 0502-B) or graphite grey (RAL 7016)
- White dial with black numerals 1-12 (A-dial) or black hour marks (H-dial)
- Black hour- and minute hand and in some versions red stepping seconds 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

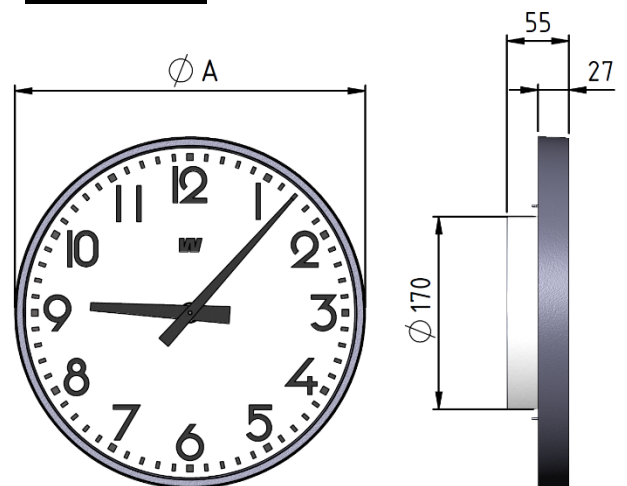
Options

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

Technical Specifications Wireless Clock

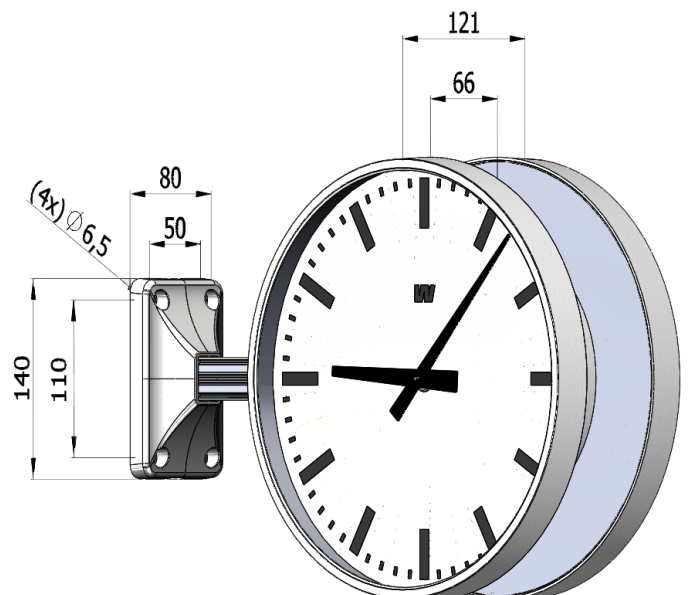
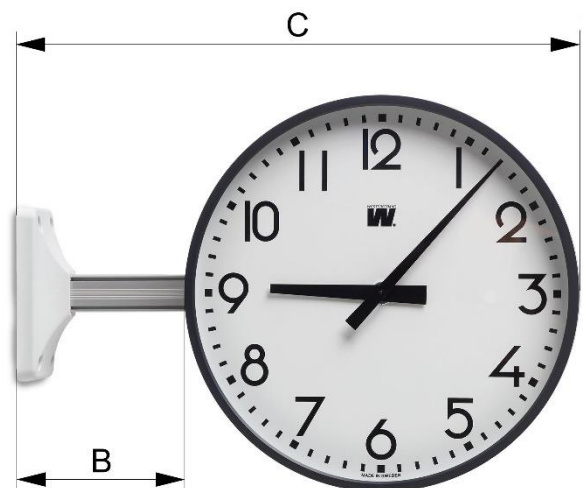
Clocks HH:MM – Single sided				
Article No	Size	Colour	Dial	Weight
WL 4021699-00	Ø230	Grey	A	0,8 Kgs
WL 4021699-90	Ø230	White	A	0,8 Kgs
WL 4023699-00	Ø230	Grey	H	0,8 Kgs
WL 4023699-90	Ø230	White	H	0,8 Kgs
WL 4031699-00	Ø300	Grey	A	1,1 Kgs
WL 4031699-90	Ø300	White	A	1,1 Kgs
WL 4033699-00	Ø300	Grey	H	1,1 Kgs
WL 4033699-90	Ø300	White	H	1,1 Kgs
WL 4041699-00	Ø400	Grey	A	1,8 Kgs
WL 4041699-90	Ø400	White	A	1,8 Kgs
WL 4043699-00	Ø400	Grey	H	1,8 Kgs
WL 4043699-90	Ø400	White	H	1,8 Kgs
Clocks HH:MM:SS Stepping seconds – single sided				
Article No	Size	Colour	Dial	Weight
WL 4021696-00	Ø230	Grey	A	0,8 Kgs
WL 4021696-90	Ø230	White	A	0,8 Kgs
WL 4023696-00	Ø230	Grey	H	0,8 Kgs
WL 4023696-90	Ø230	White	H	0,8 Kgs
WL 4031696-00	Ø300	Grey	A	1,1 Kgs
WL 4031696-90	Ø300	White	A	1,1 Kgs
WL 4033696-00	Ø300	Grey	H	1,1 Kgs
WL 4033696-90	Ø300	White	H	1,1 Kgs
WL 4041696-00	Ø400	Grey	A	1,8 Kgs
WL 4041696-90	Ø400	White	A	1,8 Kgs
WL 4043696-00	Ø400	Grey	H	1,8 Kgs
WL 4043696-90	Ø400	White	H	1,8 Kgs
Clocks HH:MM – Double sided				
Article No	Size	Colour	Dial	Weight
WL 4421699-00	Ø230	Grey	A	1,9 Kgs
WL 4421699-90	Ø230	White	A	1,9 Kgs
WL 4423699-00	Ø230	Grey	H	1,9 Kgs
WL 4423699-90	Ø230	White	H	1,9 Kgs
WL 4431699-00	Ø300	Grey	A	2,6 Kgs
WL 4431699-90	Ø300	White	A	2,6 Kgs
WL 4433699-00	Ø300	Grey	H	2,6 Kgs
WL 4433699-90	Ø300	White	H	2,6 Kgs
WL 4441699-00	Ø400	Grey	A	4,1 Kgs
WL 4441699-90	Ø400	White	A	4,1 Kgs
WL 4443699-00	Ø400	Grey	H	4,1 Kgs
WL 4443699-90	Ø400	White	H	4,1 Kgs
Clocks HH:MM:SS Stepping seconds – Double sided				
Article No	Size	Colour	Dial	Weight
WL 4421696-00	Ø230	Grey	A	1,9 Kgs
WL 4421696-90	Ø230	White	A	1,9 Kgs
WL 4423696-00	Ø230	Grey	H	1,9 Kgs
WL 4423696-90	Ø230	White	H	1,9 Kgs
WL 4431696-00	Ø300	Grey	A	2,6 Kgs
WL 4431696-90	Ø300	White	A	2,6 Kgs
WL 4433696-00	Ø300	Grey	H	2,6 Kgs
WL 4433696-90	Ø300	White	H	2,6 Kgs
WL 4441696-00	Ø400	Grey	A	4,1 Kgs
WL 4441696-90	Ø400	White	A	4,1 Kgs
WL 4443696-00	Ø400	Grey	H	4,1 Kgs
WL 4443696-90	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 Wireless Clock

UHF Receiver Frequency	869.525 MHz
Sensitivity	1 μ V (-107 dBm)
Demodulation	FSK +/- 25 kHz
Batteries	Alkaline batteries 3 x 1.5V size LR14/C
Estimated running time (up to)	5 years
Working temperature	-5 °C - +55 °C
Receiving time (first receive)	3 min. -
Additional info.:	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.