



Stand-alone clocks, Analogue Clocks type GPS



Westerstrand analogue clocks type **GPS** are operated and controlled via the satellite navigation system (GPS) with high accuracy. The clock has an active antenna that requires free sight upwards and is only suitable for outdoor use. The antenna is delivered separately, including mounting angle/bracket (4,5m cable)

Technical information

Once the clock has received and accepted the GPS signal, it will step forward to the correct time with rapid pulses. The position of the hands is checked automatically at 12.00 and 00.00.

Should the GPS signal disappear for some reason, the clock will continue to run on the internal quartz crystal (± 0.1 sec/24h).

During a power failure the clock is temporarily stopped. Once the power has returned, the hands will rapidly move to the 12 position and wait there until the clock receives a correct time message.

As an option, the clock can be equipped with internal power reserve that will keep the clock running for up to 12 hours in case of a power cut. If the power cut lasts longer, the clock will step automatically to 12 o'clock and await the power and GPS signal. The clock will then be rapid pulsed to the correct time.

Power supply:	230VAC.
Sizes:	Dia. 400, 600, 800 and 900mm.
Housing:	Aluminum, powder coated in RAL 7037.
Dial face:	White dial with either black numerals 1-12 (A-dial) or with black hour marks (H-dial).
Illumination:	Optional with or without LED-illumination of the dial (230VAC).
Hands:	Black hours- and minute hand. Red sweeping seconds hand in some versions.
Protection:	Flat front cover of polycarbonate, 4mm.
Mounting:	Single sided or double sided including bracket for either wall mounting or standing ceiling installation. NOTE! Different ways to mount single sided 400mm clock than 600mm-900mm clocks. Different bracket for double sided 400mm clock than the bracket for 600mm-900mm clocks.
IP rating:	IP65.
Antenna:	Dim. (HxWxD) 65x50x35mm excl. mounting bracket.
Cable length:	4,5m.
CE-approval EMC	Emission: EN 50121-4:2016, EN 61000-6-3:2007 Immunity: EN 50121-4:2016, EN 61000-6-2:2005, EN 61000-4-2, -3, -4, -5, -6, -11

Technical Specifications

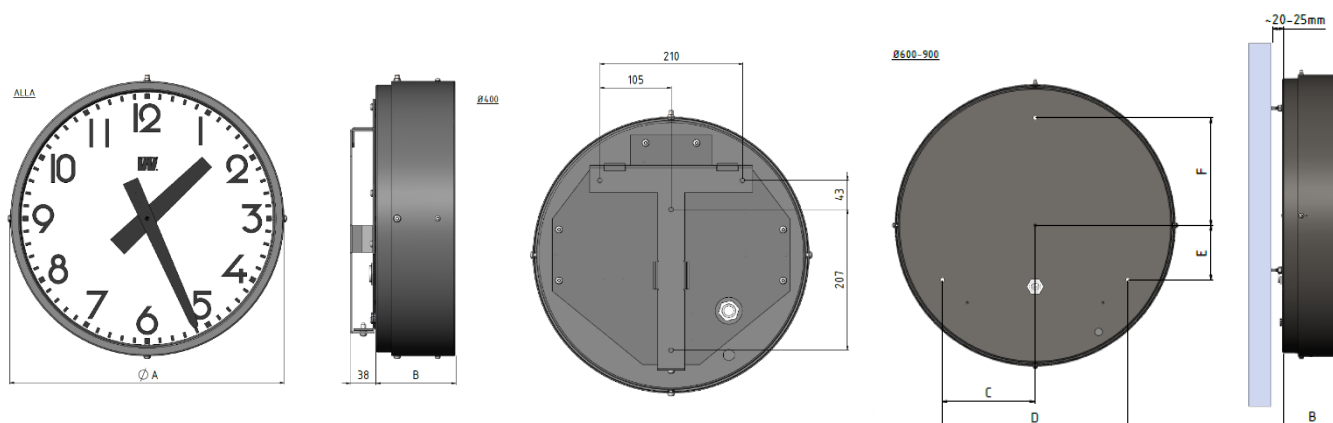
Size	Reading Distance	Seconds	Illum.	Weight	Dim Single sided (mm)							Double sided	
					A	B	C	D	E	F	G	H	I
Ø400	35m	No	No	X Kgs	407	38	97	210	105	43	207	195	407
Ø400	35m	No	Yes	X Kgs	407	38	118	210	105	43	207	195	407
Ø400	35m	Yes	No	X Kgs	407	38	97	210	105	43	207	195	407
Ø400	35m	Yes	Yes	X Kgs	407	38	118	210	105	43	207	195	407
Ø600	65m	No	No	X Kgs	621	47	105	312	156	183	156	221	635
Ø600	65m	No	Yes	X Kgs	621	47	130	312	156	183	156	221	635
Ø600	65m	Yes	No	X Kgs	621	47	105	312	156	183	156	221	635
Ø600	65m	Yes	Yes	X Kgs	621	47	130	312	156	183	156	221	635
Ø800	80m	No	No	X Kgs	X	47	130	X	X	X	X	X	X
Ø800	80m	No	Yes	X Kgs	X	47	130	X	X	X	X	X	X
Ø800	80m	Yes	No	X Kgs	X	47	130	X	X	X	X	X	X
Ø800	80m	Yes	Yes	X Kgs	X	47	130	X	X	X	X	X	X
Ø900	100m	No	No	X Kgs	921	47	130	450	225	272	232	221	935
Ø900	100m	No	Yes	X Kgs	921	47	130	450	225	272	232	221	935
Ø900	100m	Yes	No	X Kgs	921	47	130	450	225	272	232	221	935
Ø900	100m	Yes	Yes	X Kgs	921	47	130	450	225	272	232	221	935

Dimensions

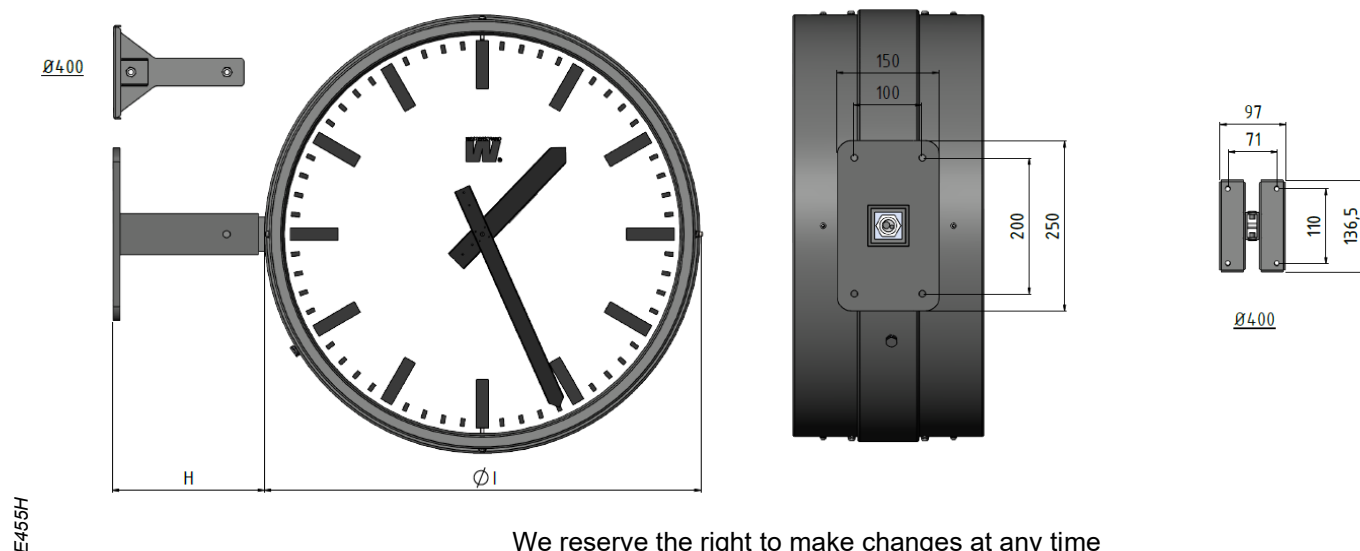
Single sided Ø 400-900

Ø 400

Ø 600-900



Double sided Ø 400-900



We reserve the right to make changes at any time

WESTERSTRAND URFABRIK AB Sweden

P.O. Box 133, SE-545 23 TÖREBODA

E-mail: info@westerstrand.se

Tel. +46 506 480 00 Fax +46 506 48051

Internet: www.westerstrand.se