



Round Analogue Secondary Clocks in ALUMINUM



Westerstrand analogue secondary clocks are controlled and run by **24VDC polarised impulses** which are transmitted from a Westerstrand master clock/master clock programmer or time central. The impulses are 1/1-minute. The 1/1 minute impulse means that the master clock or time central synchronizes the connected slave clock once **per minute**.

Technical information

The clocks are connected in parallel to the master clock or time central with 2-wired cable. On installation, actual time displayed on the connected clocks is set by programming the master clock or time central. The master clock or Time Central will then automatically send rapid impulses to set correct time on the installed clocks. In case of a power failure, connected clocks stop, but when the power returns they restart and are automatically corrected via rapid impulses.

Technical data

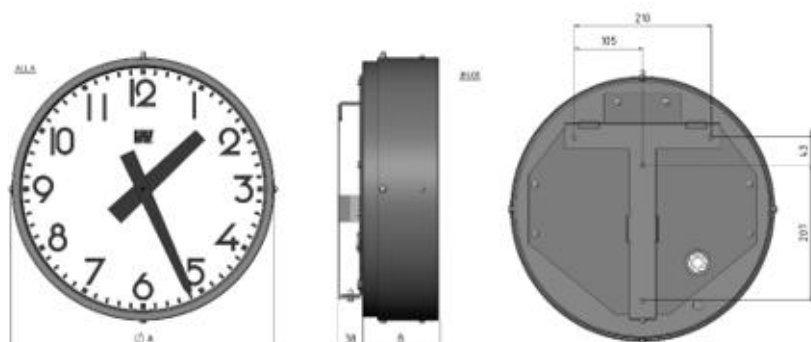
Power supply:	Secondary Clocks to be operated by 24VDC polarized reversing 1/1-minute impulses (or ½ min. impulses) from Westerstrand Master Clock or Time Central. Secondary Clocks with sweeping seconds hand also require mains supply 230VAC.
Sizes:	Dia. 400, 600, 800 and 900mm.
Housing:	Aluminum, powder coated in RAL 850-M.
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, LED illumination require mains supply 230VAC.
Hands:	Black hours- and minute hand. Red sweeping seconds hand in some versions.
Protection:	Flat protection glass of polycarbonate, 4mm.
Mounting:	Single sided or double sided including bracket for either wall mounting or standing ceiling installation.
IP rating:	IP65
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

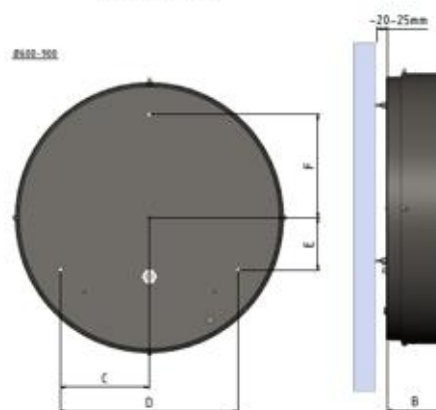
Size	Reading Distance	Seconds	Illum.	Weight Single/double	Dim Single sided (mm)							Double sided	
					A	B	C	D	E	F	G	H	I
Ø400	35m	No	No	6/9,5 Kgs	407	38	97	210	105	43	207	195	407
Ø400	35m	No	Yes	7/11 Kgs	407	38	118	210	105	43	207	195	407
Ø400	35m	Yes	No	6,5/10 Kgs	407	38	97	210	105	43	207	195	407
Ø400	35m	Yes	Yes	7,5/11,5 Kgs	407	38	118	210	105	43	207	195	407
Ø600	65m	No	No	8/12 Kgs	621	47	105	312	156	183	156	221	635
Ø600	65m	No	Yes	9/13,5 Kgs	621	47	130	312	156	183	156	221	635
Ø600	65m	Yes	No	8,5/13,5 Kgs	621	47	105	312	156	183	156	221	635
Ø600	65m	Yes	Yes	9,5/15 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	13/22 Kgs	921	47	130	450	225	272	232	X	X
Ø900	100m	No	Yes	14,5/24 Kgs	921	47	130	450	225	272	232	X	X
Ø900	100m	Yes	No	14/23 Kgs	921	47	130	450	225	272	232	X	X
Ø900	100m	Yes	Yes	15,5/25 Kgs	921	47	130	450	225	272	232	X	X

Dimensions

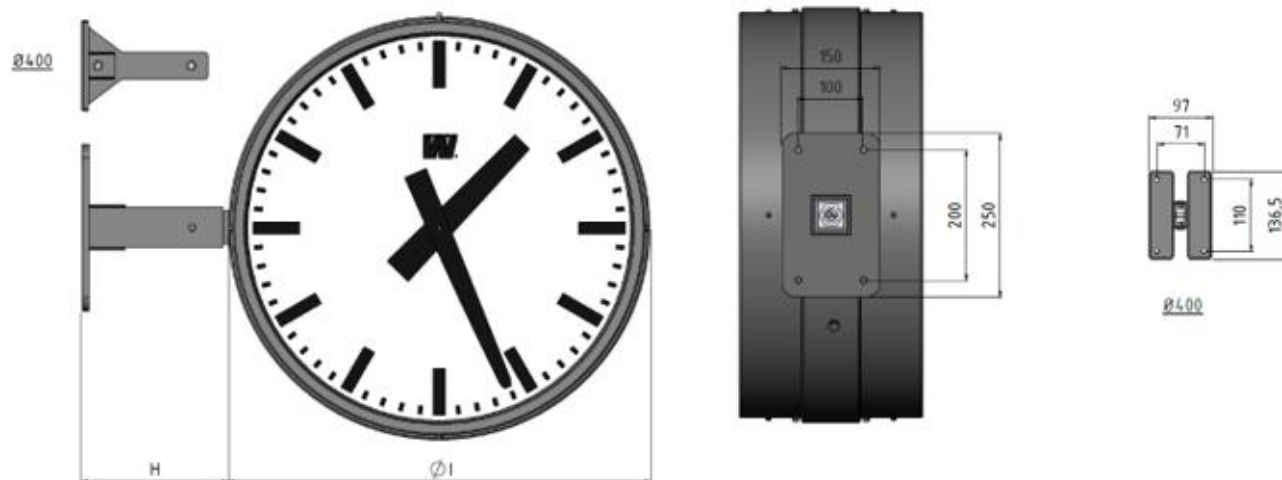
Single sided Ø 400-900



Ø 600-900



Double sided Ø 400-900



We reserve the right to make changes at any time

E403M

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