



**Westerstrand
LED Digital Clocks**

LUMEX 5/7/12



LED Digital Clock **LUMEX 5/7/12** for indoor use indicates time in hours and minutes or hours, minutes and seconds.

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LUMEX 5/7/12



LUMEX 5/7/12 is an elegant digital clock for indoor use designed to fit the sophisticated environments of today's Business society. The black case provides an elegant impression.

The digits formed of SMD diodes
Lumex 5 viewing distance up to 20 m
Lumex 7 viewing distance up to 35 m
Lumex 12 viewing distance up to 50 m
Diode colour available is red, green and yellow

The light intensity of the digits is adjustable by a dimmer control.

Easy to program – via three buttons
(NTP configured via web browser).

48 hours time keeping. After a mains failure correct time is automatically displayed.
10 days of time keeping ± 1.7 sec/day.
Note. Only time is backed up not LED's

Operation method

- Stand alone
- Slave Clock 24VDC polar reversing imp. 1/1-alt. 1/2-min or Time Code from Master Clock

Other versions

- NTP, 230VAC or PoE (Power over Ethernet)
- Wireless, RS232/World time, IRIGB

Mounting/Installation:

Single sided for surface wall mounting or single/double sided using bracket.

Options:

122983-00 Radio synchronization RDS
122984-20 Radio synchronization DCF-77
122980-00 Satellite synchronization GPS
Chronometer, temperature

We reserve the right to changes at any time.



Lumex 5-Wireless

Technical data:

Housing: Black aluminium
Front: Polycarbonate
Protection class: IP30
Standards: EN61000-6-3:2001
EN61000-6-2:2005
Power supply: Mains 230V 50Hz AC
PoE (IEEE 802.3af)
Temp. range: 0 - 40°C

Slave Clock/TC: Impulse 5 mA

NTP: SNTP, SNMP v1, HTTP, Telnet
Fix IP address or DHCP
10BASE-T (RJ-45) connections
Web-Based device management
Support for DNS

Wireless: External antenna on the housing
Frequency 869.525 MHz
Sensitivity $1\mu V$ (-107 dBm)
Demodulation FSK +/- 25kHz

RS232: Protocol acc to description 1621

IRIGB: Format B123
AFNOR NFS 87500,
IRIGB with date
1-5Vp-p modulated in 50 ohm

Type	Digits	Dim (HxWxD)	Weight
Single sided versions			
Lumex 5	50mm	96x250x50mm	0,5 kgs
Lumex 5S	50/35mm	96x335x50mm	0,7 kgs
Lumex 7	70mm	120x325x50mm	0,8 kgs
Lumex 7S	70/50mm	120x425x50mm	1,0 kgs
Lumex 12	120mm	200x450x50mm	1,8 kgs
Lumex 12S	120/100mm	200x600x50mm	2,6 kgs
Double sided versions (dim excl. bracket)			
Lumex 5	50mm	96x250x70mm	1,0 kgs
Lumex 5S	50/35mm	96x335x70mm	1,4 kgs
Lumex 7	70mm	120x325x70mm	2,0 kgs
Lumex 7S	70/50mm	120x425x70mm	2,8 kgs
Lumex 12	120mm	200x450x70mm	3,2 kgs
Lumex 12S	120/100mm	200x600x70mm	4.3 kgs