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

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 1µV (-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

<table>
<thead>
<tr>
<th>Type</th>
<th>Digits</th>
<th>Dim (HxWxD)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single sided versions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lumex 5</td>
<td>50mm</td>
<td>96x250x50mm</td>
<td>0.5 kgs</td>
</tr>
<tr>
<td>Lumex 5S</td>
<td>50/35mm</td>
<td>96x335x50mm</td>
<td>0.7 kgs</td>
</tr>
<tr>
<td>Lumex 7</td>
<td>70mm</td>
<td>120x325x50mm</td>
<td>0.8 kgs</td>
</tr>
<tr>
<td>Lumex 7S</td>
<td>70/50mm</td>
<td>120x425x50mm</td>
<td>1.0 kgs</td>
</tr>
<tr>
<td>Lumex 12</td>
<td>120mm</td>
<td>200x450x50mm</td>
<td>1.8 kgs</td>
</tr>
<tr>
<td>Lumex 12S</td>
<td>120/100mm</td>
<td>200x600x50mm</td>
<td>2.6 kgs</td>
</tr>
<tr>
<td>Double sided versions (dim excl. bracket)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lumex 5</td>
<td>50mm</td>
<td>96x250x70mm</td>
<td>1.0 kgs</td>
</tr>
<tr>
<td>Lumex 5S</td>
<td>50/35mm</td>
<td>96x335x70mm</td>
<td>1.4 kgs</td>
</tr>
<tr>
<td>Lumex 7</td>
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<td>120x325x70mm</td>
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<td>2.8 kgs</td>
</tr>
<tr>
<td>Lumex 12</td>
<td>120mm</td>
<td>200x450x70mm</td>
<td>3.2 kgs</td>
</tr>
<tr>
<td>Lumex 12S</td>
<td>120/100mm</td>
<td>200x600x70mm</td>
<td>4.3 kgs</td>
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</table>