

LED Standalone Clocks

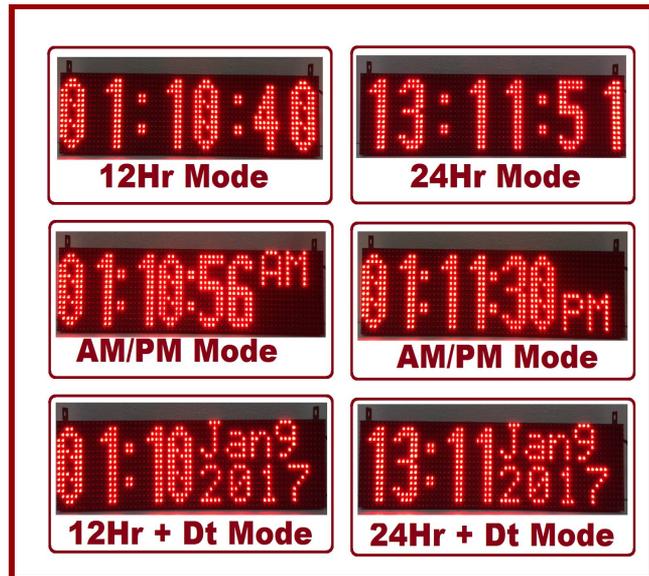
**Low Cost & Industrial Grade
Cabinets**

Kamal & Co

42, Mambalam High Road,
T Nagar, Chennai, 600017
sales@factorydisplay.com

Description

Led standalone clocks are large over sized calendar clock with day or day and date. The clock uses a high precision crystal oscillator which is resistant to temperature and other related time drifts. In these clocks high performance LED Matrix are used so that they are clearly visible even on the brightest day from very long distances. The Brightness can be set manually for indoor and nighttime viewing. Led standalone clocks are perfect for small offices, homes, the elderly or people with poor vision.



Product Features

- Set / Edit Time and Date with Buttons right on clock cabinet.
- UI very intuitive for setting time.
- Time format with 12 Hr /24 Hr /AM or PM /12Hr +Date /24Hr +Date
- Clocks are available for Indoor or Outdoor viewing.
- Outdoor clocks are made with Weather resistant casing (IP65 equivalent)
- Brightness control available

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Notes and Options.

- All display are in Single colour.
- The Default supply is always in RED colour.
- Other colours on request at extra cost.
- RED colour Brightness is good for viewing both indoors and outdoors.
- For outdoor units – cost increases by 18% on base price.
- Titles and other fixed designs can be added to your specification.
- All units work off 230V AC mains (110V can be quoted for separately)
- Mounting provision
 - #1 – Top eye bolts – you can hang it from ceiling.
 - # 2 – Side clamps – you can bolt it to your supports.

Sizes and Models

| Model | You can set | Digit Height (mm) | Height (mm) | Width (mm) | Depth (mm) | Max Power (W) |
|---------------------------|--|-------------------|-------------|------------|------------|---------------|
| ECON-IC-CLK-HM-11 | HH:MM in 140mm or HH:MM plus DD:MM in 70mm | 140/70 | 160 | 320 | 50 | 35 |
| ECON-IC-CLK-HM-23 | HH:MM in 260mm or HH:MM plus DD:MM in 120mm | 260/120 | 320 | 960 | 50 | 185 |
| ECON-IC-CLK-HMS-12 | HH:MM:SS in 140mm or HH:MM:SS plus DD:MM:YY in 70mm | 140/70 | 160 | 640 | 50 | 65 |
| ECON-IC-CLK-HMS-24 | HH:MM:SS in 260mm or HH:MM:SS plus DD:MM:YY in 120mm | 260/120 | 320 | 1280 | 50 | 245 |

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| Technical Specifications | |
|--------------------------|---------------------------------|
| VOLTAGE | 230 VAC 1 PHASE MAIN POWER |
| OPERATING TEMP | 5 TO 55°C |
| STORAGE TEMP | 0 TO 65°C |
| RELATIVE HUMIDITY | UPTO 95% RH NON CONDENSING |
| DISPLAY | FULL MATRIX |
| LED COLOUR | RED |
| BATTERY | CR2032 BATTERY FOR TIME KEEPING |
| RTC CHIP SET | HIGH PRECISION DS3231 CHIP SET |
| ACCESSORIES | POWER CABLE 1 METER |

Electrical Connections

The display panel can be simply installed on a wall using the brackets provided at the back side.

After installation Power up the unit.

The led display will show the time in default mode .To set clock mode and to edit Time and Date with Buttons right on clock cabinet.



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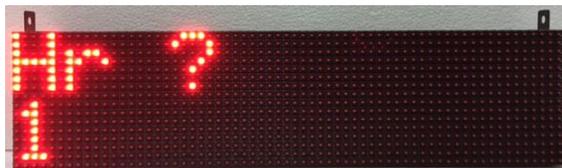
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Follow the below key operations to set up the clock modes and to edit the time and date.

EDITING TIME AND DATE:

Press Menu Key to Set the TIME. Press Up / Down Key to Change the hour



Again Press Menu Key again to Set Min and press the Up / Down Key to Change the Minutes.



Again Press Menu Key to Set Sec and press the Up / Down Key to Change the Seconds.



Again Press Menu Key to Set the Mode (24hrs or 12 hrs or AM/PM or 12hrs+Dt or 24hrs+Dt) Press the Up / Down Key to change the Mode.



Again Press Menu Key to Set the Brightness and press the Up / Down Key to Change the Brightness.



Again Press Menu Key to Set the DATE. Press Up / Down Key to Change the DATE.



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| | |
|---|---|
| <p>Again Press Menu Key to Set the MONTH. Press Up / Down Key to Change the MONTH.</p> |  |
| <p>Again Press Menu Key to Set the YEAR. Press Up / Down Key to Change the YEAR.</p> <p>For example: 2016 means set only last two digits 16</p> |  |
| <p>Again Press Menu Key to Save.</p> |  |
| <p>Press Back Key anytime to abort and return without changing any setting.</p> | |

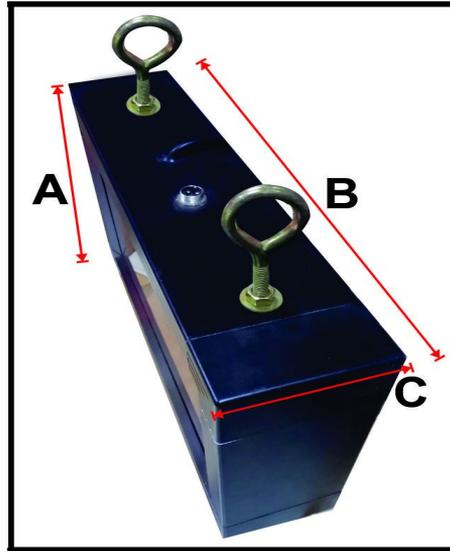
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Dimensions



All Units in mm

| Model No | A | B | C |
|--------------------|-----|------|----|
| ECON-IC-CLK-HM-11 | 250 | 410 | 93 |
| ECON-IC-CLK-HM-23 | 410 | 1050 | 93 |
| ECON-IC-CLK-HMS-12 | 250 | 730 | 93 |
| ECON-IC-CLK-HMS-24 | 410 | 1370 | 93 |

Heavy Duty Cabinet

- ❑ The Heavy Duty Cabinets make the LED board more durable and robust.
- ❑ The cabinets are made from extruded aluminium profiles and moulded corners for better appearance.
- ❑ The front filter used is Perspex / LEXAN ® sheets for UV and robust.
- ❑ The hanging hooks are also heavy and suited for mounting from your support structure.

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