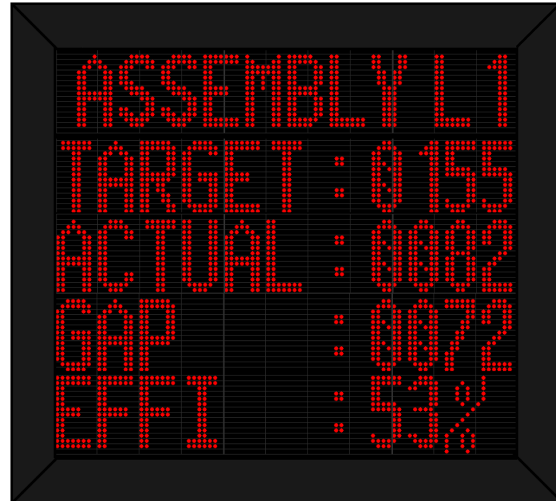


### Description

The LED Production board enables the display of production data, allowing users to set shift targets using the provided remote. By closing Potential Free Contact No 1, the actual counter increments by 1, while closing Potential Free Contact No 2 resets the actual counter. The board comes in two models, one displaying targets based on TAKT time (Real Time Plan) and another with a fixed target. Additionally, users can choose to display GAP and Efficiency, enhancing the board's functionality and versatility for efficient production monitoring.



### Product Features

- External terminal block facilitates customer-supplied contact closure for interaction with the display.
  - Terminal #1: Increment Actual by 1 upon closure.
  - Terminal #2: Reset Actual to "0" upon momentary contact closure.
- Momentary contacts are required for both count increments and resetting to "0."
- The last recorded values of Actual and Target are stored in memory for reference and continuity.

### Notes and Options.

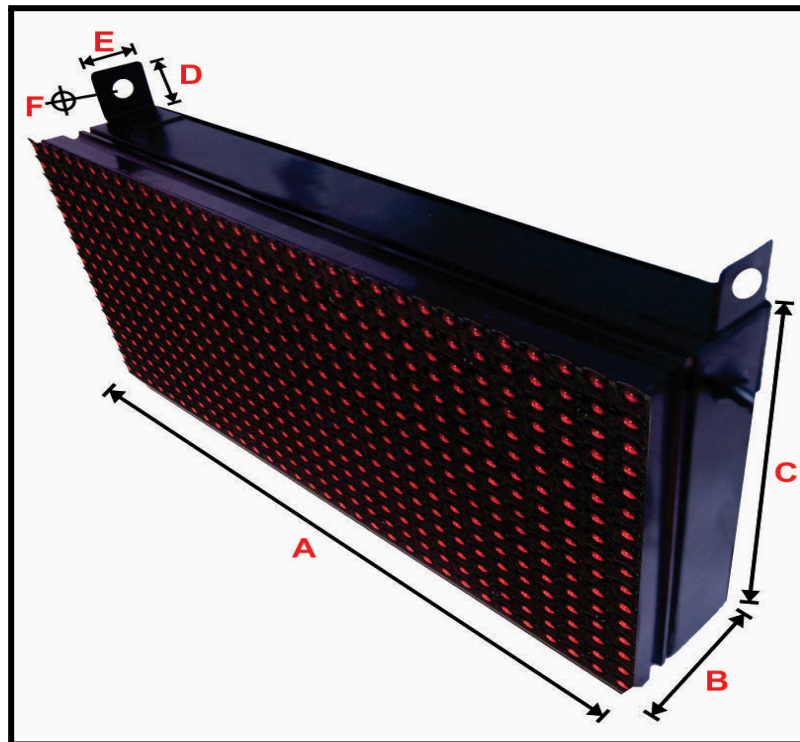
- Display Characteristics: All units feature a single-colour display with the default supply in vibrant RED, offering excellent brightness suitable for both indoor and outdoor viewing.
- Colour Customization: Alternative colours are available upon request, incurring an extra cost.
- Outdoor Units: For outdoor applications, the cost increases by 18% over the base price to account for additional specifications.
- Customization Options: Titles and fixed designs can be added to meet specific requirements.

# LED Production Board **Kamal & Co**

**Low Cost & Industrial Grade Cabinets**

42, Mambalam High Road,  
T Nagar, Chennai, 600017  
[sales@factorydisplay.com](mailto:sales@factorydisplay.com)

- Power Supply: All units operate on a standard 230V AC mains power source, with the option for 110V available upon separate quotation.
- Mounting Flexibility: Two mounting options are provided - top eye bolts for ceiling suspension and side clamps for secure bolting to supports.

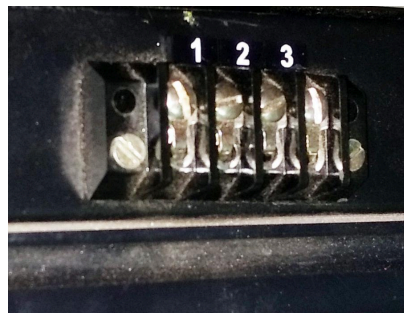


Low Cost Cabinet Sizes and Models							
Model	Digit Height (mm)	No. Of Characters/ Digits per screen		Height (mm) C	Width (mm) A	Depth (mm) B	Max Power (W)
		140mm high	70mm high				
ECON-PB-11	One line of 140mm OR Two lines of 70mm	4	10	160	320	50	35
ECON-PB-12		8	20	160	640	50	65
ECON-PB-13		12	30	160	960	50	95

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
INPUT AND RESET SIGNAL	PULSE OR SWITCH (POTENTIAL FREE CONTACT)
COUNTING	INCREMENT ACTUAL
DISPLAY RANGE	0 - 9999
MEMORY	EEPROM DATA RETENTION
ACCESSORIES	POWER CABLE 1 METER

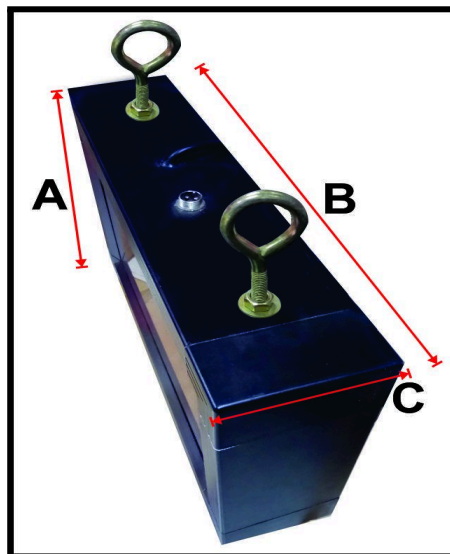
### Electrical Connections.

- Connect potential-free inputs to increment the Actual display and initiate a reset pulse to set the Actual as Zero at the designated terminals on the cabinet side.
- Ensure no electrical pulses are applied to these terminals during the connection process.



- Power up the unit to initiate the display.
- The display is now ready to accept the Plan or Target, and this can be configured using the provided remote.
- Utilize a reset pulse to reset the Actual display to Zero.
- Increment the Actual Count by applying an actual pulse.
- In the event of a power failure, the last recorded number will be retained in the memory of the display.
- Upon power restoration, the display will resume showing the last recorded number, ensuring continuity in count tracking.

### Industrial Grade cabinet Models and Dimensions



### All Units in mm

Model No	A Height (mm)	B Width (mm)	C Depth (mm)	Max Power (W)
IC-PB-11	250	410	93	35
IC-PB-12	250	730	93	65
IC-PB-13	250	1050	93	95
IC-PB-14	250	1370	93	125
IC-PB-22	410	730	93	125
IC-PB-23	410	1050	93	185
IC-PB-24	410	1370	93	245

### 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.

# LED Production Board **Kamal & Co**

**Low Cost & Industrial Grade  
Cabinets**

42, Mambalam High Road,  
T Nagar, Chennai, 600017  
[sales@factorydisplay.com](mailto:sales@factorydisplay.com)

## Contact Information

No. 42, Mambalam High Road,  
T. Nagar, Chennai - 600017,  
Tamil Nadu, India

Phone : 91-44-28140111/222/333/444/555

Fax : 91-44-28140814

Email: [sriram@factorydisplay.com](mailto:sriram@factorydisplay.com), [kamalco@gmail.com](mailto:kamalco@gmail.com)

## Important Notice

The information contained herein is believed to be reliable. Kamal & CO makes no warranties regarding the information contained herein. Kamal & CO assumes no responsibility or liability whatsoever for any of the information contained herein. Kamal & CO assumes no responsibility or liability whatsoever for the use of the information contained herein. The information contained herein is provided "AS IS, WHERE IS" and with all faults, and the entire risk associated with such information is entirely with the user. All information contained herein is subject to change without notice. Customers should obtain and verify the latest relevant information before placing orders for Kamal & CO products. The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information. Kamal & CO products are not warranted or authorized for use as critical components in medical, life-saving, or life-sustaining applications, or other applications where a failure would reasonably be expected to cause severe personal injury or death.