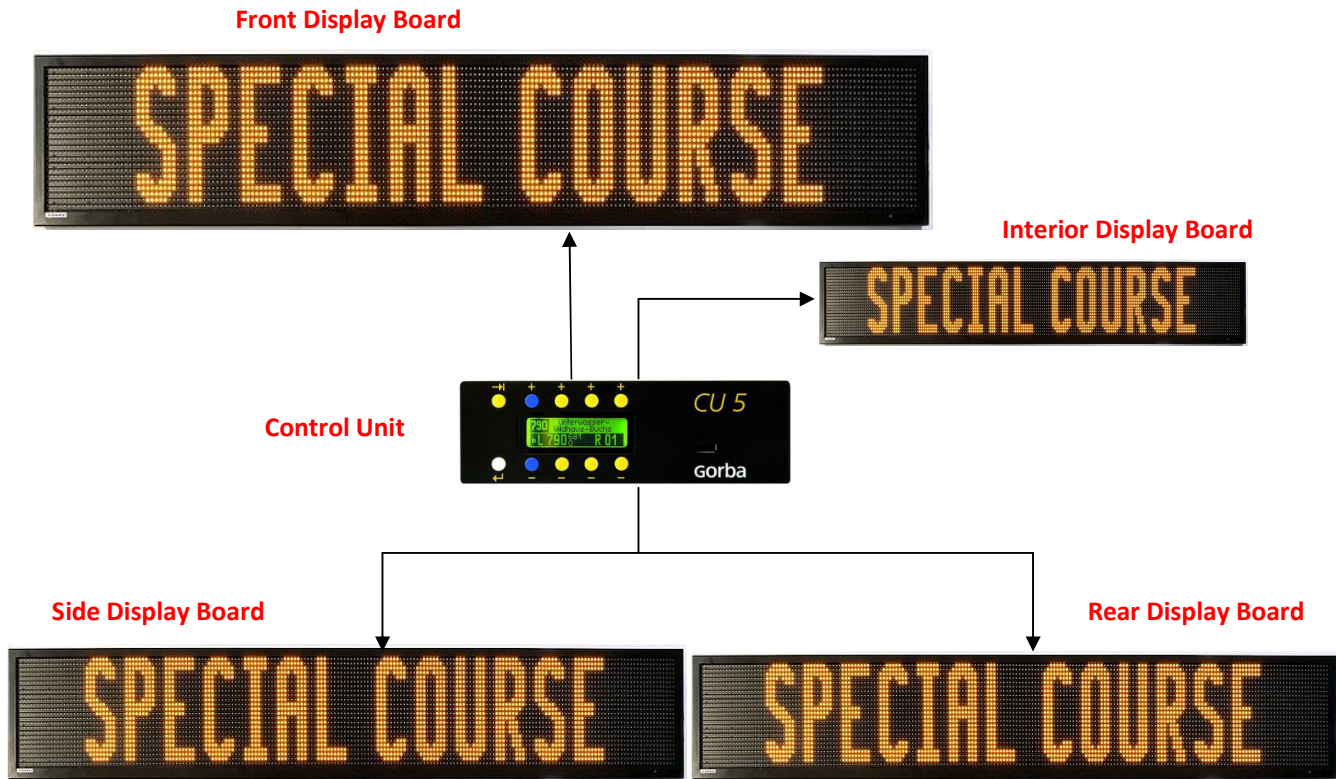


TECHNICAL SPECIFICATIONS OF LED DISPLAY BOARD



❖ Components

- Front, Side, Rear & Interior Displays
- Control Unit

❖ Features:

- Top Lean LED displays with the necessary resolution to show texts in English.
- Custom designed SMD LED lens to ensure excellent wide viewing angle.
- Automatic brightness control of individual signs via an integrated ambient light sensor ensuring optimum light output in all ambient conditions and gives the LED's a longer life.
- Louvered design of casework helps to increase contrast in high ambient light conditions ensuring maximum possible visibility.
- Bin graded and intensity & colour matched LED's to ensure consistency and uniformity throughout a display.
- Easy to program and load data via USB stick.
- Stores up to 1000 messages per route and allows operators the flexibility of assigning any suitable vehicle to a route without reference to the signage, route changes are accomplished in a matter of seconds.
- Alternating and scrolling texts, Automatic brightness control,
- Accessories: universal mounting kit, connecting plug + programming software
- Incasement in aluminium extruded profile, black powder coated
- Low power consumption & low heat

❖ Specifications of Display Systems:

Parameter	Front Display Board	Side & Rear display Board	Internal Display Board
LED Type	SMD	SMD	Dot matrix type
LED colour	AMBER	AMBER	AMBER/RED
Luminous intensity	710 to 1100 mcd	710 to 1100 mcd	710 to 1100 mcd
LED wave length	Upto 591nm	Upto 591nm	Upto 591nm
Visible distance	50 meters	50 meters	50 meters
Viewing angle	120 degree horizontal	120 degree horizontal	120 degree horizontal
LED Pitch (Horizontal x Vertical)	8.4 mm	8.4 mm	5mm
Board matrix	16 x 128	16 x 64	16 x 96
Character height	213 mm	213 mm	213 mm
Display Language	ENGLISH	ENGLISH	ENGLISH
Display Area	Up to 1668mm	Up to 834mm	731mm
External dimensions	(1835x275)mm	(1000x275)mm	(825x167)mm
Communication	Through control unit	Through control unit	Through control unit
Operating Voltage	24V DC	24V DC	24V DC
Protection class	IP56	IP56	IP56
Temperature range	-25° C to 85° C	-25° C to 85° C	-25° C to 85° C

❖ Specifications of Control Unit:

Memory capacity	512kb RAM/4MB Flash
Display Type	32 x 122 Pixel LCD
Keyboard	Navigation Key
Communication	USB for PC interface, RS485 for display systems, RS232 for external GPS.
Indications	Power and USB access
Operating voltage	24V DC, Min 16V, Max. 32V
Power consumption	80mA
Temperature range	0°C to 70°C

Contact us:

INTEGRA ENGINEERING INDIA LTD

Halol-Chapaner road,

P.O. Chandrapura, Ta. Halol,

Dist: Panchmahals,

Gujarat – 391520, INDIA.

Contact person:

1) Mr. Arjun Sonigra (+91 9099918462)

E mail Id: arjun.sonigra@integraengineering.in

2) Mr. Dhaval Prajapati (+91 8980810963)

Email Id: dhaval.prajapati@integraengineering.in