

1.11 LED Display with controller: Model No BDC480

(Used as Small Front with Controller)



A) DIMENSIONS:

Display Size	555 x 215 x 50 mm
Display Area	480 x 120 mm
Character Height	120 mm

B) LED PARAMETERS:

Type of LED	Oval, 4.3 x 5.1 mm diffused.
Color	Amber
Wavelength	591 to 595 nm Dominant Wavelength as per AIS-012 standard
Intensity	Multiplexed design (4:1) with 1560-2180 mCd at 20mA
Viewing angle	120°H / 60°V
UV Resistant	Yes

C) ELECTRICAL PRAMETERS:

Operating Voltage	Nominal + 24V DC or + 12 V
	Optional : Extended Supply range 9 V to 36 V DC
Power Consumption	1.0 Amp.(Max) @ 24V DC
Protection	Power supply input is protected against Reverse Polarity, Over voltage, Cranking voltage, Load Dump
	Fuse inside the cabinet for over current
	Communication lines are protected against high voltage application and ESD

D) DISPLAY CHARACTERISTICS:

No. of Sides	Single sided
Line Matrix	16 rows x 64 columns
Pitch	7.5 (H) x 7.5 (V)mm
Intensity of display	In-built light sensor with continuously variable brightness control to enable the display intensity to change based on ambient light conditions.
Viewing distance	30 meters minimum, for single line text in both Day and Night
Data interface	Via RS 485
Memory for display function	Ability to retain the last message displayed in event of power failure without the message being reloaded from Controller
In built controller	4 interactive keys to set Destination
	2 Line character LCD to display Destination to be set
	Easy selection of destination by Sr. no. or Route no.
	Backlight for LCD for operation in night time
	Placement of Controller near driver seat at right corner on rear side
	128 MB. Capacity to store up to 150 number of routes & 300 destinations
	Uploading of Route information via. USB
Shall send the messages in scrolling, flashing (fully or selectively) in English &Regional Symbols as per predefined feed.	

E) STRUCTURE:

Aluminum Cabinet , Powder Coated finish with Polycarbonate at front
Weight – 8 kg
Mounting arrangement by roof hanging, wall mounting

F) TECHNICAL SPECIFICATION:

To display Bus number and Destination in Fixed, Scrolling and Flashing mode formats with the help of SCU / Bus Controller with fixed route number up to 6 characters with capability to show customized graphics
Display in English (2 lines) / Hindi(1 line) / Regional (1 line) Language
Total display height is capable to accommodate two lines in English language and the Individual heights of each line are adjustable to enable one line to be larger/smaller than the second line.

G) PART NO. DESCRIPTION:

BDC480	F – when used as front and switch set to '0'	2 – 2 pin 250 series connector for P/S	L –Left cable entry
		3 – 3 pin 90 series connector for P/S	R – Right cable Entry

BDC 480 Available with part Number:

BDC480-F3L	Bus Display, J2 type, with 16 rows & 64 columns, used as front, with 3 pin, 90 series power supply connector and with cable entry on Left side.
BDC480-F2L	Bus Display, J2 type, with 16 rows & 64 columns, used as front, with 2 pin, 250 series power supply connector and with cable entry on Left side.