

1.6 CONTROLLER WITH USB PORT: Model No. EMBDC



A) DIMENSIONS:

Cabinet Size	178 x 130 x 27 mm
LCD Display	16 Characters x 2 Lines

B) INPUT – OUTPUT CONNECTIONS ON REAR SIDE CABLE:

Power Connections	250 series 2 pin connector
Data connections for display	90 Series 2 pin sealed male connector to drive destination displays on RS 485

C) ELECTRICAL PRAMETERS:

Operating Voltage	Nominal + 24V DC /+ 12 V DC
	Optional : Extended Supply range 9 V to 36 V DC
Power Consumption	0.05 A @ 24V DC
Protection	Power supply input is protected against Reverse Polarity, Over voltage, Cranking voltage, Load Dump
	External Fuse on cabinet for over current

D) QUALITY:

EMC/EMC	Test complied as per – AIS 004 Part 3
Ambient Environment	Operating temperature: -10°C to +55°C
Humidity	95% RH
Vibration Test	10g as per AIS 012
Ingress protection	IP 55

E) STRUCTURE:

1.	Desktop type PVC Cabinet
2.	Weight – 0.5 kg
3.	Mounting arrangement by wall mounting

F) TECHNICAL SPECIFICATION:

Automotive grade components used ,with conformal coated PCB boards
Long Life keypad with 4 keys Alpha Numeric, Function, Arrow Keys
Interactive keys for smooth operations
EMBDC supports operation of displays for 150 routes, 300 destinations & 50 bus stops in each route
Downloading of route file using USB
Built in memory with 1 GB (128 M bytes For Route Files.

G) PART NO. DESCRIPTION:

Generic	I/P VOLT	Display	KBD	GPS	GPRS	PID	Mike
BC	E-Extended 8~36V	G- Graphic LCD	S-4 Key small KBD	C-Cost Effective Internal	C-Cost Effective Internal	S-With RS485	I-internal preamplifier
		O-OLED	L-Large, Alphanumeric KBD	U-ublox or as Required	U-ublox or as Required	B-with Blue tooth	E-external Preamplifier
		2-2 Line		E-External	E-External	W-Wireless	N-No mike input
		4-4 Line		N-No GPS	N-No GPRS	N-No PID	

EMBDC: Available with Part Number:

Part Number	I/p V	Display	KBD	GPS	GPRS	PID	Mike
BCEGSXXSX	8~36V	Graphic LCD	Tactile, Large, Alphanumeric KBD	No GPS facility	No GPRS facility	With RS485	No Mike facility