

EVD-1 Multi-Function Electric Vehicle LCD Display



Kinetek Controls®

A Kinetek Company®

Kinetek Controls EVD-1 Multi-Function LCD Display provides at-a-glance, high-intensity LED battery status indication; plus an abundance of battery status and system information via a backlit LCD 8-character display.

Compatible with 12 to 100 Volt DC systems, the customizable EVD-1 display is an extremely rugged, single point of focus display. The EVD-1 is sized to fit an industry-standard, 52mm circular cutout. The handsome face of the EVD-1 is designed to compliment any instrument cluster or dash display. Quantifiable information is accurately reported by the easily readable LCD display. A press of the MODE button on the front of the display easily accesses and cycles battery and system information. Backlighting makes the LCD useful under all lighting conditions.

Used in concert with compatible Kinetek Controls controllers, the EVD-1 Display allows the operator and maintenance personnel real time access to vehicle operation and system diagnostics information. The three LED's (green, yellow, and red) can be defined by the customer to make any three status alerts immediately visible. Further, the EVD-1 Display provides for user selectable, custom messages. Standard information includes...

- BDI (Battery Discharge Indicator)
- System Voltage
- Hour Meter
- Time On Charge
- Speedometer
- Tachometer
- Current Meter
- Voltage at Controller
- Motor Temperature
- System Error Codes

Used in a stand-alone mode, the EVD-1 Display can be used with any battery / controller combination and provides the following information.

- BDI
- System Voltage
- Hour Meter
- Time On Charge



Features

- 8-character AlphaNumeric Display
- 12-100 Volts DC
- Customizable
- Backlighted
- 3 High Intensity Programmable LEDs
- RS232 Serial Interface
- CAN Bus Interface
- Battery Status, Hour Meter, & Custom Message Display
- Sized to Fit Standard 52 mm Cutout
- Momentary Pushbutton Display Access

Key Applications

- Golf Carts
- Neighborhood Electric Vehicles
- Professional Floor Care Equipment
- Material Handling Equipment
- Industrial Electric Vehicles
- Utility Electric Vehicles
- Personal Mobility Electric Vehicles

Related Kinetek Products

- DC wound field motors
- Permanent magnet DC motors
- PM Motor controls
- Transaxle drive systems
- Single wheel drives

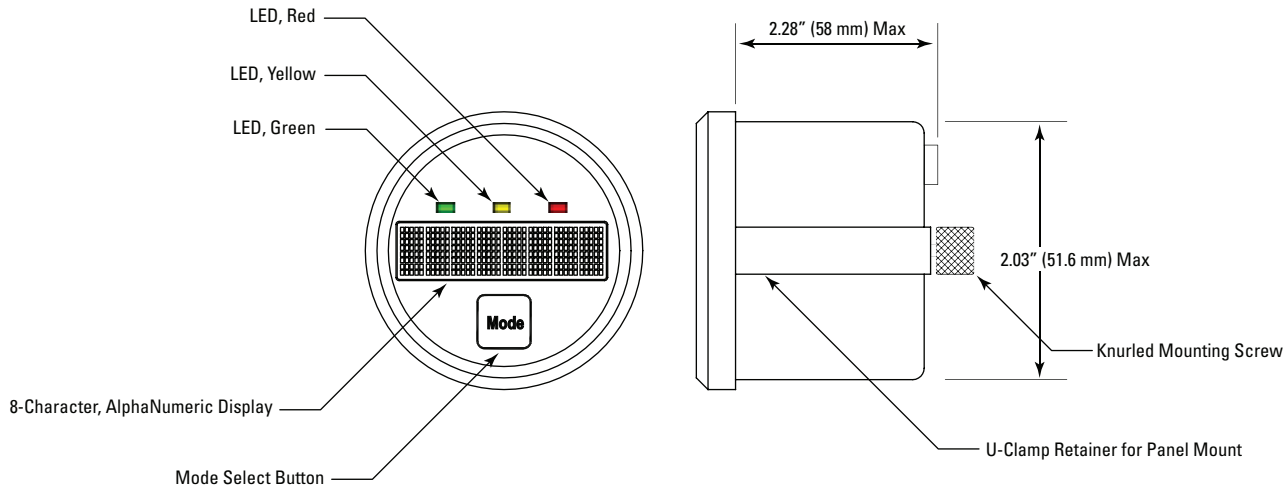
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EVD-1 Multi-Function Electric Vehicle LCD Display

EVD-1 Dimensions



Specifications

- Input Voltage: 12 - 100 Volts DC
- Operating Temperature: -10 to +70 Degrees C
- Hour Meter: Non-Volatile Memory
- Connector: Molex Minifit Jr, 8-pin (2 x 4 pin)

Connector Pinout

- Pin 1: Keyswitch (Open = Off / B+ = On)
- Pin 2: Communication Common
- Pin 3: RS 232 Rx
- Pin 4: CAN -
- Pin 5: Battery Positive (B +)
- Pin 6: Battery Negative (B -)
- Pin 7: RS 232 Tx
- Pin 8: CAN +

Configurations

Display	Voltage Range	Interface
KCCA0101	12V to 100V	RS232
KCCA0103	12V to 100V	CAN



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