

### USB EZ Mount Assembly Features

- Dual USB Charging Port with 12V accessory output
- 4.8 Amps allows charging of both smart phone and tablet at same time
- Can be connected to 12V or 24V switched ignition or direct to battery



### Switch Enclosure Features

- Heavy duty enclosure
- SVR switches snap in (accepts switches with pigtail leads only)
- Easy to mount
- Mounts on top or underneath dashboard
- Choice of 3 colors



### AUX / USB Pass Through Features

- Front Panel -USB Type-A Receptacle (4 pin), 3.5 Stereo Jack (3 pin)
- Back Panel - 6' USB Type-A plug, 6'.3 Stereo plug



Available with Weatherproof door see page 91

Part Number	Description	Dimensions			Wgt.
		L	W	H	
091-219-5-038-1	USB EZ Mount Assembly Plate	3.1"	7.5"	5.5"	1.5 lbs
091-255	Switch Enclosure	3.72"	2.06"	2.18"	.10
091-249	Audio / USB Pass Through	1.73"	0.98"	1.73"	.25
092-249-WP	Audio / USB Pass Through with Weatherproof door	1.73"	0.98"	1.73"	.25

### Open Door Indicator Panels



10 Door  
091-178-10A



7 Door  
091-178-7A

#### Features

- Choose 10 or 7 door LED display
- Door/compartament mounted switches feed signal to display (switches installer provided)
- Audible alarm options
  - In-dash buzzer
  - In-dash panel with relay for remote high decibel warning device (3A max.)

### Optional Audible Alarms



Relay Output  
091-178-9



Audible Annunciator  
091-178-8

#### Features

- Remote Audible Alarm Relay Panel:**
  - Wires to open door indicator panel
  - Contains relay that actuates remote audible alarm, installer provided
- In-Dash Audible Alarm Panel:**
  - Wires to open door indicator panel
  - Contains audible buzzer

Part Number	Description	Input Power	Dimensions			Wgt.
			L	W	H	
091-178-10A	10 Door Display	12V	1.98"	1.02"	0.45"	1
091-178-7A	7 Door Display	12V	1.98"	1.02"	0.45"	1
091-178-8	Audible Annunciator	12V	1.98"	1.02"	0.45"	1
091-178-9	Relay Output	12V	1.98"	1.02"	0.45"	1

## 3.1 to 4.8 Amp Max Output Allows Charging Of Two Smart Phones or Tablet And Smart Phone At The Same Time

### Features

- Dual USB Charging Ports
- Quick and easy way to recharge electronic devices in a vehicle
- Built-In LED Indicator indicates device is powered
- Designed for easy installation in vehicle switch panels
- Reverse polarity protected
- 3.1 can be connected to a 12V switched ignition or directly to the battery
- 4.8 can be connected to 12 or 24V switched ignition or directly to battery, can charge phone and tablet simultaneously



091-219-WP  
(Weatherproof door)

091-219-N

091-219-5

Part Number	Description	Electrical Data			Dimensions			Wgt.
		Input Volts	Output Volts	Output Amps	L	W	H	
091-219	USB Dual Port	8-18 VDC	4.8-5.2 VDC	3.1 Amps	1.73"	0.98"	1.73"	.25
091-219-WP	USB Dual Port with Weatherproof door	8-18 VDC	4.8-5.2 VDC	3.1 Amps	1.73"	0.98"	1.73"	.25
091-219-N	USB Dual Port (NGR)	8-18 VDC	4.8-5.2 VDC	3.1 Amps	1.97"	1.02"	1.79"	.25
091-219-N-WP	USB Dual Port (NGR) with Weatherproof door	8-18 VDC	4.8-5.2 VDC	3.1 Amps	1.97"	1.02"	1.79"	.25
091-219-5	USB Dual Port 4.8 with terminal connectors	10-30 VDC	4.8-5.2 VDC	4.8 Amps	1.73"	0.98"	1.73"	.25
091-219-5-010	USB Dual Port 4.8 with wires (pigtail lead)	10-30 VDC	4.8-5.2 VDC	4.8 Amps	1.73"	0.98"	1.73"	.25
091-219-5-WP	USB Dual Port 4.8 with Weatherproof door	10-30 VDC	4.8-5.2 VDC	4.8 Amps	1.73"	0.98"	1.73"	.25

## Provides Access To Router Or Telephone Line

### RJ 45 Features

- Provides access to a router
- Designed for easy installation in the vehicle's switch pane
- Standard RJ45 Connector
- Category 3, 5E, 6, & 6A performance
- EIA/TIA 568A/B compliant ensuring compatibility and reliability
- Fully stamped shielding offers isolation from EMI/RFI



### RJ 11 Features

- Provides access to a telephone port
- Designed for easy installation in the vehicle's switch pane
- Standard RJ11 Connector
- Fully stamped shielding offers isolation from EMI/RFI

Part Number	Description	Connectors	Category	Temperature Range	Dimensions			Wgt.
					L	W	H	
091-227	Data Port	RJ45	3, 5E, 6 & 6A	-50°F to +150°F	1.73"	0.98"	1.73"	0.25
091-227-RJ11	Telephone Port	RJ11		-50°F to +150°F	1.73"	0.98"	1.73"	0.25

## Touch Sensitive Switch

### Features

- Low side switch
- Touch-On / Touch-Off switch
- Built-in LED illuminates when the switch is on
- Lexan® front panel designed for years of durability
- Reverse polarity protected
- Designed for easy installation in the vehicle's switch panel
- Available as a toggle or momentary switch
- Time delay option also available



Part Number	Description	Electrical Data			Dimensions			Wgt.
		DC Volts	Quiescent Current	Switch Rating	L	W	H	
091-222	Auto Touch, Toggle Switch	8-20	0.020 Amps Max	5.0 Amps Max	1.73"	0.98"	1.73"	.25
091-222-MOM	Auto Touch, Momentary Switch	8-20	0.020 Amps Max	5.0 Amps Max	1.73"	0.98"	1.73"	.25
091-222-TD-1	Auto Touch, Timed Delay	8-20	0.020 Amps Max	5.0 Amps Max	1.73"	0.98"	1.73"	.25

## Temperature Monitor

### Features

- Designed for easy installation in the vehicle's switch panel
- Large 7 segment green LED display
- Reverse polarity protected
- Easy connection to a 12V or 24V switched ignition
- Temperature monitor blinks at 32° F and below to indicate roads may be icy



Remote Sensor with 16' cable included with Temperature Monitor

## Mini Battery Voltage Meter

### Features

- Monitors battery voltage
- Large 3 digit green LED display
- Reverse polarity protected
- Easy connection to a 12V or 24V switched ignition

Part Number	Description	Electrical Data		Dimensions			Wt.
		DC Volts	DC Amps	L	W	H	
091-224	Temperature Monitor °F	12	0.25A	1.73"	0.98"	1.73"	0.25
091-224C	Temperature Monitor °C	12	0.25A	1.73"	0.98"	1.73"	0.25
091-250-12	Mini Voltage Battery Meter	12	0.4A	1.73"	0.98"	1.73"	0.25
091-250-24	Mini Voltage Battery Meter	24	0.5A	1.73"	0.98"	1.73"	0.25



### Features

- 24 hour display (military time)
- OLED display
- Hour/Min using tactile switches
- Display may be switched with ignition to turn "on" or "off" or to set to stay on continuously
- Easy connection to a 12V or 24V switched ignition

Part Number	Description	Electrical Data		Dimensions			Wt.
		DC Volts	DC Amps	L	W	H	
091-257	Switch Clock	10-30	0.0065	1.73"	0.98"	1.73"	0.25

## Shore Power / Air Alarm / Level Alarm Audible Alarms with LED

### Features

- 85dB alarm
- Built-in LED indicator
- **Shore Power Alarm:** Alerts Driver to disconnected Shore Line
- **Air Line Alarm:** Alerts Driver to disconnected Air Line
- **Level Alarm:** Optional audible alarm for Kussmaul Auto Level (p.31), Alerts driver to vehicle level with high decibel beeping
- Designed for easy installation in the vehicle's switch panel
- Reverse polarity protected
- Audible alarm sounds with illuminated LED



Part Number	Description	Electrical Data		Dimensions			Wgt.
		DC Volts	DC Amps	L	W	H	
091-231-E	Shore Power Alarm, Eaton Euro	10-16	30mA	1.98"	1.02"	0.45"	.25
091-231-N	Shore Power Alarm, Eaton NGR	10-16	30mA	1.98"	1.02"	0.45"	.25
091-231-S	Shore Power Alarm, Eaton SVR	10-16	30mA	1.73"	0.98"	1.73"	.25
091-248-E	Air Line Alarm, Eaton Euro	10-16	30mA	1.98"	1.02"	0.45"	.25
091-248-N	Air Line Alarm, Eaton NGR	10-16	30mA	1.98"	1.02"	0.45"	.25
091-248-S	Air Line Alarm, Eaton SVR	10-16	30mA	1.73"	0.83"	1.73"	.25
091-260-S (Available in 24V)	Level Alarm, <i>Optional</i> Audible Alarm for Auto Level (p.31)	10-16	30mA	1.73"	0.83"	1.73"	.25

## Wireless Audio Via Any Cell Phone

### Features

- Provides a fully integrated solution for delivering high quality stereo audio in a small form factor
- Fully certified Bluetooth version 3.0 audio module, fully compatible with Bluetooth version 2.1+EDR, 1.2, and 1.1
- Dual-channel, differential audio output for the highest quality audio
- FCC Certification
- Bluetooth SIG Certified
- Profiles include HSP/HFP, A2DP, AVRCP, SPP, and iAP
- Operation Range is 10 meters (33 feet)
- Designed for easy installation in the vehicle's switch panel
- Easy connection to a 12V switched ignition
- Optional mic is available



Part Number	Description	Electrical Data		Dimensions			Wt.
		DC Volts	DC Amps	L	W	H	
091-226	Bluetooth Module	11-16V	0.25A	1.73"	0.98"	1.73"	.25
091-226-007	Optional Mic			10'			