Intellitec's MONOPLEX™ Rear Fan Controller is a member of Intellitec's MONOPLEX family of "one wire" controllers. The MONOPLEX™ Rear Fan Controller is a device used to switch power from the battery in a conversion van, limousine, or bus.

By utilizing MONOPLEX™ this system, multiple switches connected with a single light gauge wire and ground, can be used to control a load such as the rear fan in a conversion van.

To operate the rear fan, the ignition must be turned on. Then press the fan speed switch on the switch panel and the fan will start in high speed. Another press of a switch will step the fan to medium speed, and another to low. On the fourth press, the fan will turn off. The fan will only work when the ignition is on to prevent excessive battery drain. When the ignition is turned off, the fan will go off. When the ignition is turned on again, the fan will remain off until a switch is pressed.

The controller must be used with Intellitec switches or the electrical equivalent. Use of any other switches will prevent the system from operating properly.

There are a variety of different fan controllers available to suit a particular need.

The first is the standard MONOPLEX™ Rear Fan Speed Controller. The MONOPLEX™ Rear Fan Controller w/ Memory allows the fan to return to the last function selected when the ignition is turned off, and back on again.

The MONOPLEX™ Fan Speed Control w/Rotary Switch utilizes a rotary switch typically found on the dash of a conversion van, as well as a push button switch in the rear, to change speeds of the fan. When the ignition is turned on, the fan will operate at the speed set by the rotary switch. The fan speed can changed using the rotary switch by simply turning it to a new speed. The fan speed can also be changed using a momentary switch. Pressing a remote push button switch will step the fan to the next lower speed. Moving the rotary switch to a new speed will adjust the fan to that speed.
Rear Fan Controller

Specifications:

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Standard Fan Ctl</th>
<th>Fan Ctrl w/Mem</th>
<th>Fan Speed Ctrl w/Rotary Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage</td>
<td>10 to 16 VDC</td>
<td>10 to 16 VDC</td>
<td>10 to 16 VDC</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +85°C</td>
<td>-40°F to +185°F</td>
<td></td>
</tr>
<tr>
<td>Maximum Current Draw</td>
<td>20 Amps</td>
<td>20 Amps</td>
<td>20 Amps</td>
</tr>
</tbody>
</table>

MPX Switch (sold separately)

Brown 00-00183-010
Black 00-00183-011

Wiring Diagram:

[Diagram showing the connections and labels for the rear fan controller, including the FAN SPEED CONTROLLER, CONTROL ELECTRONICS, TO FAN MOTOR, MPX BUS, GROUND, +12 VOLTS (IGN), FROM OEM IGNITION SOURCE, F8 20A, F10 1A, MAIN SWITCH PANEL, and SMART BLOK PLUS.]