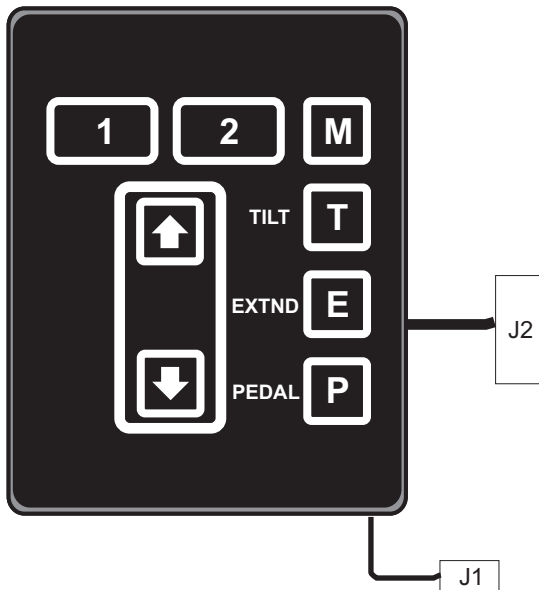


The PMC Column / Pedal Switch panel (00-00959-000) and the PMC Column / Pedal Module (00-00961-000) are members of Intellitec's Programmable Multiplex Control family, as well as the 160 Channel Multipoint Switching System. The system works in combination with the PMC CPU or the 160 Channel IPX Master and other standard, semi-custom, or custom I/O modules.

This combination of switch panel and motor control module provides programmable memory settings for the selection and adjustment of the steering column in two directions and the foot pedals up and down for two drivers. The Column / Pedal Switch panel provides memory settings for two users, (1 and 2) allowing these settings to be recalled at the selection of a button.

The Column / Pedal Switch Panel provides an easy to use tactile pushbuttons to properly adjust the steering column and foot pedals for driver satisfaction. The user is provided with activation indication via an illuminated LED. These settings can be saved in one of two memory locations for future use. The mirror control system may be integrated into an existing PMC multiplex system.

Column / Pedal Switch Panel, p/n 00-00959-000



The approximate switch panel dimensions are 3.5" X 2.75" X 2.5" (88.9mm X 69.85mm X 63.5mm). It should be installed in the interior of the vehicle with limited exposure to the external environment. The approximate dimensions for the Column / Pedal module is 4.25" X 6.25" X 1.75" (107.95mm X 158.75mm X 44.45mm).

Column Pedal Module, p/n 00-00961-000



The Column Pedal Control Module shown above is typically located under the dash on the driver's side.

## Diagnostics

The Column / Pedal motor control module provides drive control for three motors, two motor drives for the column and one for the pedal adjuster. This module provides diagnostic protection to stop the motor(s) if the position sensing pots are defective. The module will disable the motor drive output if the runtime for a motor in a single action is exceeded. PMC communication fault LED is also present on the module. If the Comm LED is illuminated (red) there is a PMC communication fault.

## Column Pedal System Add-on Feature

The Column Pedal Control Modules may be integrated with the Mirror Control System which provides memory settings for two drivers. This allows for automated adjustment of the 3-glass mirror system the selected driver settings for the street and curb side mirrors. The Mirror Control System consists of PMC Mirror Control Switch Panel, (00-00958-000), and Mirror Control Module, (00-00960-000).

**SPECIFICATIONS**

<b>Modules</b>	<b>00-00959-000</b>	<b>00-00961-000</b>
Nominal Vehicle Voltage	12V	12V
Outputs		Module supplied via Max 10A ATO Fuse from Chassis Fuse Block
Environmental	Protected inside vehicle	Protected inside vehicle

**General Connections**

J1-2	Communications Signal (from Master or CPU)	18 Awg Min.
J1-3	Communications Ground (from Master or CPU)	14 Awg Min.

**CHANNEL DESIGNATIONS**

<b>00-00959-000</b>		<b>00-00961-000</b>	
<b>Designator</b>	<b>Function</b>	<b>Designator</b>	<b>Function</b>
J1-1	VBatt	J3-1	Tilt Up/Down
J1-2	Comm +	J3-2	Tilt Down/Up
J1-3	Comm -	J3-3	Vbatt*
J2-1	Drv 1 Sel IN	J3-4	Gnd
J2-2	Drv 2 Sel IN	J3-5	Tilt Signal
J2-3	Safety Lock Out	J3-6	Pot Supply
J2-4	Seat Memory Com	J3-7	Pot Gnd
J2-5	Seat Memory N.O.	J3-8	Extend Signal
J2-6	Seat Memory 1 Com	J3-9	Pot Supply
J2-7	Seat Memory 1 N.O.	J3-10	Pot Gnd
J2-8	Seat Memory 2 Com	J4-1	Pot Supply (Red)
J2-9	Seat Memory 2 N.O.	J4-2	Pot Signal (Black)
J2-10	No Connection	J4-3	Pot Gnd (White)
		J4-4	Motor Front/Rear
		J4-5	Motor Rear/Front
		J1-1	Comm+
		J1-2	Comm-
		J5	Ignition Input (Faston)

Com - Common  
N.O. - Normally Open

\* Must be fed with a Max 10A ATO fuse from Chassis fuse block

**MATING CONNECTIONS for 00-00958-000**

<b>Designator</b>	<b>Function</b>	<b>Connector</b>	<b>Mating Part #</b>	<b>Contact, Typical</b>	
				<i>for 14-18 AWG</i>	<i>for 10-12 AWG</i>
J1	PMC/Comm	3 Pin Amp Mate-N-Lok	1-480700-0	350919-3	640310-3
J2	Body Inputs	10 Pin Mini-Fit, Molex	5557-NR	5536	