



# Intellitec

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[www.intellitec.com](http://www.intellitec.com)

## Multiplex Control systems

Multiplex Systems were first produced by Intellitec in 1985 and offer a wide range of product controlled over its Multiplex System bus.



A World of Applications



Our Multiplex systems are generally lower in cost compared to other competitive systems, reducing wire and connections with common 14 or 16-gauge wire. Costly connectors, shielded wire or twisted pairs are not required. The multiplex signal is extremely resistant to interference from electrical noise, etc. The system has high amperage outputs with built-in distribution and circuit protection.

These systems have been installed in hundreds of thousands of vehicles. The Programmable Multiplex system has over 20 modules to choose from which can be configured in a variety of ways, depending on your needs.



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## Multiplex Control systems



### FEATURES

- Generally lower in cost compared to competitive systems
- Communication bus uses common 14 or 16 gauge wire. Shields or twisted pairs are not required.
- Multiplex signal extremely resistant to interference from electrical noise, etc.
- High amperage outputs with built-in distribution and circuit protection
- Many 'special purpose' Modules available
- Push button or rocker switch controls
- Easy to install and program



**Intellitec** →  
*will work with you  
to design a system  
that meets your needs.*



### Multiplex Products currently available:

#### PMC - Programmable Multiplex Control

Modular system can be configured from ten input/output channels to as many as 320 Input/Output channels with easy to do Windows™ programmable logic control High amperage (10 and 20 Amp) solid-state or relay outputs. Unlimited number of pushbutton or rocker switch operator controls. 160 built-in timers for on delay, off delay or flashers.

#### VPLC - Vehicle Programmable Logic Control

10 Windows™ programmable high amperage outputs, digital and analog inputs, alarm output, timers. Works with rocker switch adapters and Intellitec's pushbutton modules.

#### Multipoint Switching

Up to 160 outputs with an unlimited number of programmable pushbuttons.

#### MiniBus Multiplex

Up to 12 multiplexed switches controlling interior lights, fans and electric doors. Sensitive edge feature for electrically operated doors.

#### RV Smart Fuse Block

6 channel entry level, non-programmable multipoint switching system

#### Custom Systems

Multiplexing offers flexibility at the point of design and when the vehicle needs functional updates.