



# Envirodata

## Auto Switch

(AS10)

### Features

- Allows automatic switching between a weather station and two standard telecommunication devices.
- Priority connection overrides the Normal connection.
- Powered by external mains plug pack.
- Normal mode operates even if power is removed.
- Suits WeatherMaster and EasiData series products.

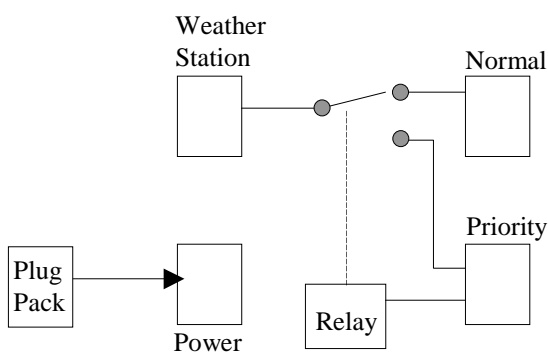
### Description

The auto switch provides a simple way to access a single weather station using two communication devices. The weather station is usually connected to the Normal port on the Auto Switch.

At any time, the connection or activation of a communication device in the auto switches's Priority port will activate a relay, which disconnects the Normal port and connects the Priority port.

Upon disconnection or de-activation of the Priority device, the Normal port reconnects.

### Simplified Block Diagram:



### Operation

The relay is activated by a positive signal on pin 4. This is activated from DTR (data terminal ready) from a computer, or from CD (carrier detect) on a modem.

The activation is immediate and disconnects the Normal device without warning. This means the Normal device must tolerate sudden loss of signal and still be able to re-establish communications once the signal returns. All Envirodata's equipment is capable of this.

### Typical Applications

<i>Alternative</i>	<i>Normal</i>	<i>Priority</i>
1	WeatherVox	Modem
2	WeatherVox	Computer
3	Computer	Modem
4	Computer	GSM/CDMA
5	Computer	UHF Radio

### Envirodata Environmental Monitoring & Management

P.O. Box 395, WARWICK, Queensland, 4370, Australia

Phone: (07) 4661 4699

Int. Phone: + 61 7 4661 4699

e-mail: sales@envirodata.com.au

Fax: (07) 4661 2485

Int. Fax: +61 7 4661 2485

<http://www.envirodata.com.au>