CIR-R Podule

'THE PODULES'

A range of innovative control interfaces available in numerous formats providing easily programmed control for dedicated applications. The R series PODULES are designed for free standing, wall or rack mounting and provide a simple distributed remote control system interconnection by Cat 5 cables. All PODULES within a system can be linked via a network that is also used to distribute DC power.

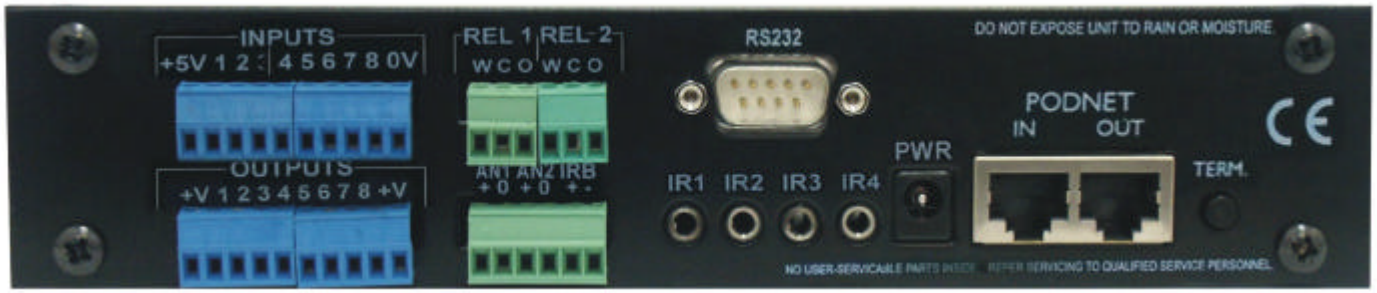
CIR PODULE is designed for use in small lecture theatres and home cinema systems. With the available inputs and outputs you can control dimmers, projectors, plasma screens and use the individual IR emitters for control of DVD's, VCR's, AV amplifiers etc.. The IR blaster can be used for controlling a room full or rack full of equipment whilst the relay and configurable outputs can be used for screen & blind control. The CIR PODULE is ideally suited for:-

- Integrated AV control systems.
- Control of home entertainment systems.
- Easy to use home automation systems.
- Distributed RS232, contact & analogue processing.
- Interface between simple push buttons, potentiometers & RS232.
- Push button &/or RS232 to DC voltage ramp for dimmers & Volume.
- Individual IR control of source equipment and amplifiers.
- Full room control of multiple IR devices.

Comprehensive inputs and outputs are fitted allowing easy incorporation into new and existing systems. Ultra flexible system architecture allows inputs in any combination of the digital & analogue parallel, RS232 serial and PodNet inputs with internal software controlled logic processing and routing to any combination of outputs both within the PODULE and external via the PodNet BUSS.

Simple to configure software allows configuration for a multitude of simple or complex tasks with many applications available as library functions.

Interconnections



8 x Contact / Switch Inputs:	8 x Digital / Threshold / Window, Software controlled Active Hi / Active Lo.
1 x Configurable RS232 Input:	With Baud & parity settings and supporting twenty-four control strings of up to thirty two bytes.
1 x PodNet BUSS:	Thirty-two message Tx & Rx.
2 x SPCO Relay Outputs:	30V 1A DC rated.
4 x IR Emitter Outputs:	For use with individual 'stick on' emitters for individual control of IR enabled devices.
1 x IR Blaster Output:	Use with the Ikon IR Blaster to control a room full of equipment from one strategically located emitter.
8 x Open Collector Outputs:	Out 1 & 2 mimic the state of the relays. The others are configurable, 30V 100mA max.
2 x Analogue Outputs:	0 to +10V, software assignable zero offset and Max level.
1 x Configurable RS232 Output:	With Baud & parity settings and supporting twenty-four control strings of up to thirty two bytes.

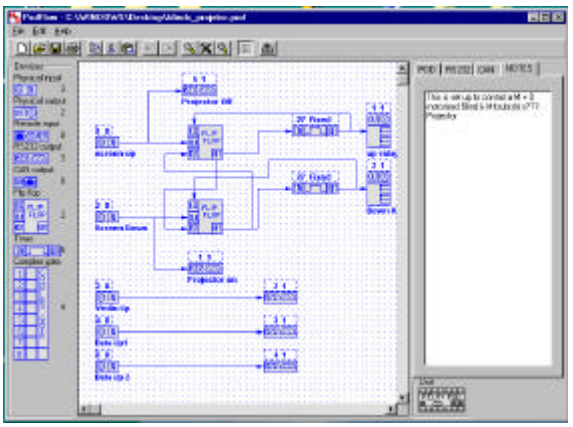
Wall mounting brackets as well as a rack mounting kits for 2 or 9 type R Podules are available.

PodFlow Software

System configuration is as easy as dragging and dropping. Using PodFlow you can easily configure the system with one of the pre-defined applications or simply create your own. Selecting from the menu of available inputs, outputs and logic devices, a schematic of the desired controller is created. Inputs and Outputs can be labelled as to function and have variable parameters configured. When complete PodFlow will allow you to emulate the final result before saving to both file and PODULE.

CIR PODULE supports the following logical devices:-

16 x Flip-Flops with multiple inputs for Clock, Reset and Enable.
8 x Configurable timers, adjustable between 1 second and 18 Hrs.
16 x Four input logic gates configurable as a combination of &, OR and Invert.
2 x 'Virtual' digital pots with zero reset.



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ikonavs LTD
238 Ikon Estate, Droitwich Road, Hartlebury, Worcestershire, DY10 4EU
Tel: +44 (0) 1299 250991. Fax: +44 (0) 1299 250983. www.ikonavs.com