

BitWise Controls BC-IRI Infrared Receiver



The BitWise Controls BC-IRI is an essential addition to any installer's toolkit. Now you can use IR remotes and distribution systems in a wider range of applications and situations.

Compatible with the BitWise Controls BC4/BCX series products or virtually any RS232-enabled host system (Crestron, AMX, PC, etc) the BC-IRI is an ideal IR interface for anything from small stand-alone AV systems to large scale automation systems for residential or commercial sites.

The BC-IRI combines with our BC4 platform to create a complete system capable of storing and easily triggering complete macros across multiple networked BC4s. Now you can offer powerful, low-cost control and automation via stand-alone or distributed BC4's, without the need for a dedicated control system or PC host.

Alternatively, the BCX-IRI version of this product integrates directly into the BC4 chassis to give you an IP-enabled IR receiver solution.

So no matter what the requirements of your project, you know that BitWise Controls has an IR receiver option to suit your need.

- **Built-In IR Window** - The BC-IRI can accept input from most IR remotes via the IR receiver window.
- **Works with direct IR input** - Screw terminals accept direct emitter output from an IR distribution system, giving more reliability than adhesive flashers.
- **Accepts IR from a remote IR receiver** - The BC-IRI can power and accept input from most common external IR receivers, great for adding additional IR input 'Zones'.
- **Works with 'High-End' IR remote controls** - BitWise Controls provides a dedicated IR command set, compatible with all high-end control systems.
- **Decodes all Sony and NEC IR** - A powerful interface, the BC-IRI internally decodes the most common IR protocols for the host control system, generating small, easily parsed RS232 strings.
- **Generates Key Release messages** - The BC-IRI also provides a Key Release message, allowing more complex press & hold IR repeating and automation/macro events.
- **Ideal trigger for BC4 macros** - Combined with our BC4 platform and Project Editor software, the BC-IRI creates a complete networked control system.

Specifications

I/O Connector Type	3.5mm pitch pluggable terminal blocks
I/O Connector Pinout	1 – RS232 GND 2 – RS232 TX 3 – RS232RX 4 – RS232 DTR (Can Power Unit) 5 – External IR Module +5DC 6 – External IR Module GND 7 – External IR Module Signal In 8 – Status (Goes Low when Signal Received) 9 – IR+ (For direct Emitter input) 10 – IR- (For Direct Emitter input) 11 – Trigger (High on any Sony 'On' code, low on any Sony 'Off' code) 12 – GND 13 – GND 14 – Supply Voltage (7 -12VDC)
Baud Rate	57,600
Dimensions (terminal blocks installed)	1.25" x 2.625" x 3" (28.6mm x66.7mm x 76.2mm)
Power Consumption	< 10ma
Warranty	One Year Limited