

## Description



Figure 1 : CI-B01

## Functional Description

The CI-B01 is a custom made interface to obtain full Bang & Olufsen control and status management from a Crestron Control system. All Masterlink and Powerlink data (volume, track status, power control,...) is collected converted and sent to the Crestron Control system through RS-232. The IR signal of a BEO4 remote can also be received and sent to the Crestron system for feedback or can be used to control other type of equipment ex. lighting, HVAC,...

- 1 ML, bi-directional Bang & Olufsen master link.
- 1 PL (Optional IR) input, Bang & Olufsen power link (1.5ms pulse wide)
- 1 IR output with 1.5ms pulse wide.
- 1 IR input for Bang & Olufsen IR receiver with 1.5ms pulse wide.
- 1 IR output modulated 200us designed for driving IR emitting diode.
- Programmation via pre-prepared modules.
- 4 CI-B01 can be daisy chained on 1 Crestron serial port.



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Technical data

Dimensions : 115 x 76 x 32 mm ( L x B x H )  
 Weight : 140 g  
 Color : Enclosure, grey  
 Material : self-extinguishing NORYL  
 Masterlink address : 33 (default)  
 Powerlink address : 01 (default)  
 Power : 8-18V DC via DC plug or screw terminal.  
 Current consumption : max. 100mA

Connections : Screw terminals at both sides (Figure 2)  
 1 DSUB9 female for RS-232.

Includes : Interface with fixed screw terminals.  
 Datasheet.

Front view

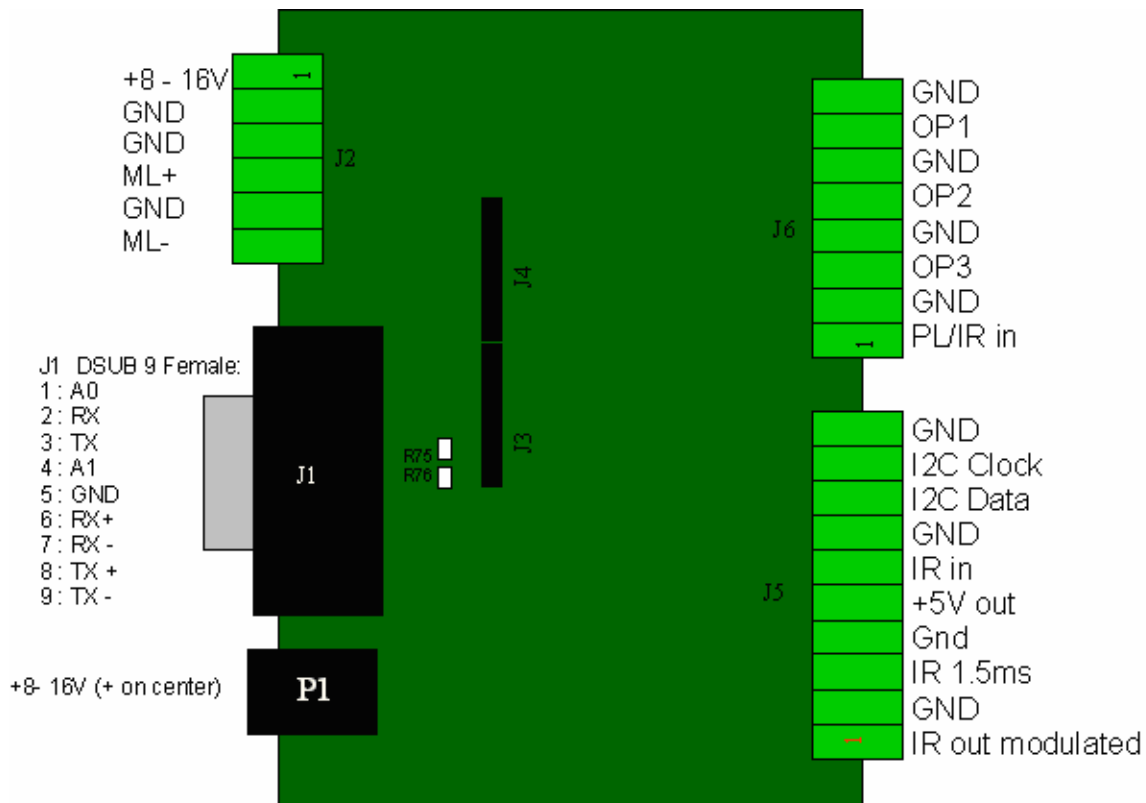


Figure 2: CI-B01 front view

\*Please visit our website ([www.crestron-int.be](http://www.crestron-int.be)) for user manual and demo program.