



# Boca IMCS

## Intelligent Master Control System

### Boca patented, LED color changing DMX512 interface

The IMCS is designed to control Boca's LED color changing products that include the large-area-coverage units such as RGB light strips and fixtures, and large-array RGB disks. It is based on the DMX 512 standard by the USITT to enable integration of multiple vendors' devices into one network. The control box is offered in a variety of versions dependent upon task or physical profile needed. The IMCS has a shared port, allowing additional control boxes (IMCS-Slave) to be daisy chained together off one IMCS-Master, allowing the user to link an infinite number of strips (or greater multiples of other Boca LED products) to one DMX control base system.



### Key Features & Options

- For interface with Boca color changing and color temperature changing LED lighting products
- Versatile, DMX512 addressable, FMA drive control system
- Thru connection to the DMX network by using XLR input/output connector
- Basic IMCS uses 3 sequential addresses with base address selected via rotary address dials
- Multi-channel and fixed color versions also available
- Standalone function allows color wash, warp wash, fixed color, or strobe
- Up to 80 linear ft. of Boca LED light strips or 8 CCD180 disk per IMCS
- Master and daisy-chained Slave system configuration allows control of infinite strips

### Installation Considerations

- Power supply selection – consult website or Boca
- Installation sheets on website or contact Boca for sample project references
- Contact Boca for tips on custom installations



### Technical Specifications

For basic control box (multi-channel & fixed color versions also available)

Input Voltage.....	12VDC or 24VDC
Input Current.....	16A max.
DMX Input.....	5 Pin XLR Male Connector
DMX Output/Thru.....	5 Pin XLR Female Connector
Outputs .....	8 Banks RGB, 3 Channel DMX
Weight.....	3 lbs.
Physical Size .....	8" x 8" x 4"
Humidity .....	95% non-condensing
Operating Temperature.....	0 – 50°C
Address Selection .....	Base Address Selected ...with Rotary
Switches	
Protocol .....	DMX512/1990 Compliant
Status LED .....	Red = No DMX Signal, ...Green = DMX Signal Present, Orange = Standalone Function
Power Supply, Switching .....	SP-150, SP-300, SP-500
Cables .....	Boca # CAB-0001

Many custom options and accessories available – contact Boca



### Additional information & details at [www.bocaflasher.com](http://www.bocaflasher.com)

The most current information, including data sheets, schematics, product integration sheets, power & control information, and additional information on cables, accessories, and more are on the Boca website. For specific requirements, contact your Boca sales representative.