

BC1 Automation Controller

bitwise™



FEATURES AND BENEFITS

It is easy for installers to integrate the BC1 controller with no coding needed, and it is simple for users to manage their systems via the BitWise control app on iOS and Android devices.

ONE APP FOR EVERYTHING

The fully-customizable BitWise control app is available for iOS and Android smartphones and tablets. Using templates and modules, dealers can customize the look, feel and included features to fit the needs of an organization or individual users.

INTEGRATE WITH OMNI CONTROLLERS

Now, you can integrate with Omni control systems! Create a comprehensive security and AV automation system with custom user interfaces via BitWise. Don't require security? There are stand-alone integrations with Leviton's Hi-Fi audio, Omni-Bus lighting, Intercom Door Station, and Vizia RF + lighting for affordable control solutions.

WARRANTY INFORMATION

Two-Year Limited Warranty



SPECIFICATIONS

The BC1 controller doesn't just run the components of your automation system.

- Built-in astronomical clock provides event scheduling based on time of day, sunrise, or sunset
- Sends customizable email notifications
- Supports two-way interaction with serial and networked devices
- Communicates with every BitWise user interface and controller on the network
- Interacts with mechanical devices, thanks to on-board relays and signal-sensing ports
- The BC1 can be rack or shelf-mounted, and comes with rack ears that can be installed from the front or the rear
- Native integration with Omni security & automation systems
- Free modules for Leviton Hi-Fi audio and Leviton Omni-Bus lighting integration.
- Supports Leviton intercom door station functionality, Hi-Fi 2 distributed audio, and Omni-Bus lighting
- New BitWise Developer Program allows installers to create and sell integration modules and GUIs.

CONNECTIVITY	
Ethernet	10/100 base-T
USB 2.0	2 ports - future expansion
DEVICE CONTROL	
IR ports	8 (routable, attenuable)
IR blaster	Internal
RS232	4 (2 DB9, 2 terminal strip)
Relays	4 (SPDT)
Signal sense	4 (analog or digital)
Network	Yes
DIMENSIONS	
H x W x D	2.75" x 17.25" x 6.875"
H x W x D (packaging)	5" x 21" x 13"
MOUNTING	
Shelf	Yes
Rack	Yes (1RU front or rear with included racks)
POWER	
External	12VDC - 0.5A (adapter included)

ORDERING INFORMATION

DESCRIPTION	CAT. NO.
BC1 Automation Controller - US	BWBC1-000
BC1 Automation Controller - INTL	BWBC1-0NT
RF Remote Control	BWRMT-000
RF Remote Control Receiver	BWRRR-000
US Power Supply, 12V	BWDPS-000
International Power Supply, 12VDC	BWIPS-000
DB9 Female-RJ45 Female Adapter	BWDBF-000
DB9 Male-RJ45 Female Adapter	BWDBM-000
Dual Head Flashing IR Emitter	BWEM2-000
Adapter for connecting a BC-1 IR In port to a Distributed IR system	BWIRA-000
Wi-Fi Adapter with External Antenna	BWWFA-000
IR Receiver Module	BWIRI-000
Single Head Flashing IR Emitter	EN928-000
POE Power Injector with A/C Cord	TS901-000

Leviton Manufacturing Co., Inc. Global Headquarters

201 N. Service Rd. Melville, NY 11747-3138 • Tech Line: 1-800-824-3005 • Fax: 1-800-832-9538

Leviton Security & Automation.

4330 Michoud Blvd., New Orleans, Louisiana, 70129 • Telephone: 1-504-736-9810 • FAX: 1-504-253-2954

Visit our Website at: www.leviton.com/automation

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