



Project:

Location/Type:

Description

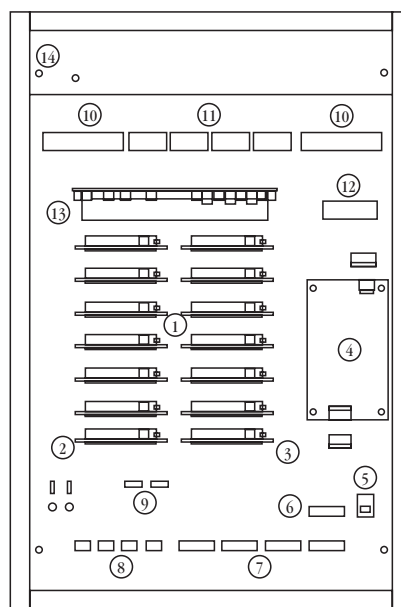
The Brilliance II® Digital Control Center is a twelve room whole-house control system, expandable to thirty total rooms, designed to interface with the Lightolier® Controls MultiSet Pro® Systems.

The system can be activated from either programmable Brilliance II Control Stations, dry contact closure inputs or RS232/422/485 input from a PC (ASCII commands). The Brilliance II Control Station buttons can be programmed as either a room button or a whole house scene button, a total of 30 Brilliance II control rooms can be incorporated in the system. Brilliance II has four relay inputs and four relay outputs for additional control. An optional astronomical Time Clock can be added to activate specific timed events.

The Brilliance II Control Center can be either surface or recessed mounted for added flexibility.

Features

- Twelve Room Card Slots capable of controlling MultiSet Pro Systems.
- Accessory Card Slot for Time Clock Control.
- Computer Interface Card Slot for RS232/422/485 PC Control.
- On/Off power switch.
- Four BR485 terminal connectors for Brilliance II Control Station, maximum of 30 Brilliance II Control Stations per system.
- Multiple cabinet switch used to combine two cabinets together.
- Twelve terminals for easy interconnect to MultiSet Pro systems.
- Four relay inputs that accept momentary dry contact closure from external devices.
- Four relay outputs that can activate non lighting type loads.



1. Room Card Slots
2. Accessory Card Slot
3. Computer Interface Card Slot
4. Power Supply
5. On/Off Switch
6. RS232/422/485 Interface
7. BR485 Terminal Connectors
8. External Switch / Relay Inputs
9. Multiple Cabinet Switch
10. MultiSet Pro™ Terminal Input Block
11. Relay Outputs
12. 120VAC Input
13. Relay Input/Output Board
14. Mounting Holes

BRILLIANCE II® CONTROL CENTER

Product
Specifications

Specifications

The housing of the Brilliance II® Control Center has an antique white, painted finish. It can be either surface or recessed mounted, and is constructed of #14 gauge Cold Rolled Steel measuring 16" tall by 4" deep by 12" across. The removable front panel provides access from the front to all low-voltage connections. An additional protective cover has been added to avoid incidental contact with the high voltage terminations.

Brilliance II is UL Listed to U.S. and Canadian safety standards and meets all National Electric Code® and local regulations. Its operating temperature is 0 to 40 degrees Celsius and its current draw does not exceed three amps. The system is a 120 VAC, single phase two wire configuration.

Each Brilliance II has twelve card slots that can accept a MultiSet Pro® Systems card. All interface cards are purchased separately.

A computer interface card can be added for RS232/422/485 computer control capability. This card also permits the system to be programmed via a PC. Software provided by Lightolier® Controls.

An optional relay card can be added to control up to four relay input/outputs. The four relay inputs are capable of interfacing with remote signaling devices such as security systems, building management systems etc., provided an isolated momentary closure can be supplied by the signaling system. These relay inputs can be programmed to activate any of the twelve rooms to any desired lighting scene as well as any or all of the four relay outputs. Three of the four relay outputs are rated at 6 amps and the fourth relay output is rated at 3 amps.

A maximum of two Brilliance II Control Centers can be combined in conjunction with 6 MS232's to control a total of 30 rooms.

There are four BR485 terminal connectors available for the programmable Brilliance II Control Stations.

Up to 30 programmable Brilliance II Control Stations can be interconnected to each system. Each control station button can be programmed as individual room control or whole-house scene control.

Brilliance II MultiSet Pro Interface Card (BRMSM)

The BRMSM cards are intended to control only MultiSet Pro systems using the MultiSet Pro systems network ("purple wire"). The card has an LED indicator to display status as well as test switches to activate the system.

Brilliance II Relay Input/Output Interface Card (BRRLY)

The BRRLY card is required to activate the four relay outputs and provides the capability of configuring the relay inputs to activate a relay output.

Brilliance II Communication Interface Card (BRCOMM)

The BRCOMM card provides RS232 or RS485 interface from a personal computer by accepting standard ASCII commands that will activate Brilliance II.

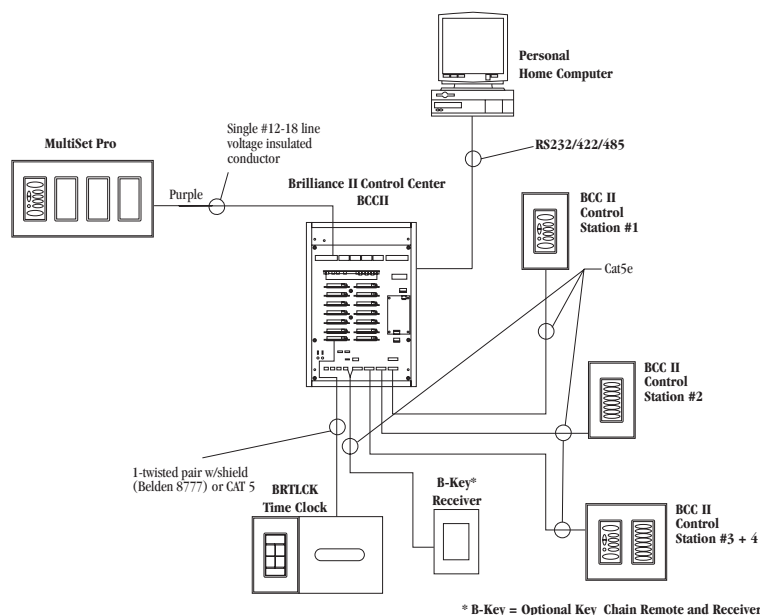
Brilliance II Time Clock Interface Card (BRTLCK)

Interface card is shipped with the Brilliance II Time Clock and is required when using the Time Clock.

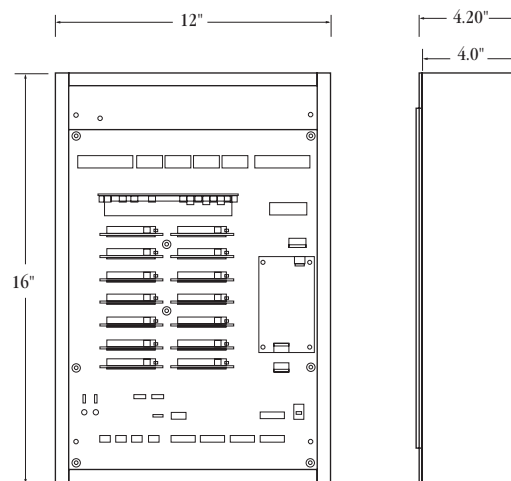
Brilliance II Programmable Control Stations

Each Brilliance II control stations button can be programmed as either a room button or a whole house scene button. When programmed as a room button it will toggle the room to the desired scene or off. When programmed as a whole house scene button it will turn on any number of rooms to the desired scene. These are completely field/user programmable and do not require computer interface capability to program.

Wiring Diagram



Dimensions



Lightolier Controls

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For technical/sales assistance, call: 1-800-526-2731

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