# ControlSpace® CC-16
## zone controller

## Product Overview

The Bose® ControlSpace CC-16 zone controller is an elegant wall-mounted device designed to provide end-user control of ControlSpace systems. Custom programming allows the CC-16 to control a variety of system elements, from switching remote audio sources to selecting "scenes" or system configurations. The CC-16 features a bitmap LCD and four buttons for displaying and controlling the system settings.

## Product Information

The CC-16 is a RS-485 device wired directly to a ControlSpace ESP-88 engineered sound processor. The zone controller, along with the ControlSpace CC-64 control center and passive controls like potentiometers and switches, allow ControlSpace systems to meet the end-user needs in most installations.

The CC-16 is programmed – linking or mapping signal processing objects to its controls – using the ControlSpace Designer software. The software includes Smart Simulation, a virtual CC-16 display where all programming can immediately be verified on-screen – without being connected to the hardware. Smart Simulation facilitates working with end-users to refine the user controls before the installation is even started.

When multiple CC-16s are used in a system there are times, such as in room-combining applications, where more than one unit is programmed to control the same zone, for example when a separate rooms are combined. Because the CC-16s controls are "soft", that is, they are not physically tied to a certain state like a mechanical volume control, multiple "ganged" CC-16s will all display the correct volume and selection for that combined zone.

## Applications

Customizable on-screen wording provides easier system operation for a wide range of applications, including:

- Houses of worship
- Auditoriums
- Schools and universities
- Ballrooms

## Technical Specifications

**Connectors**

Fixed 6-position terminal connector for power (Vin+, GND) and RS-485 (A, B)

**Maximum Cable Length**

2000' (609 m), twisted pair, daisy-chain wired configuration

**Maximum Number of Units Per System**

15 per ControlSpace ESP processor

**Power Supply Requirement**

8 - 18 VDC, 100 mA

## Key Features

- Elegant styling with intuitive controls for end user operation
- 122 x 32 pixel backlit blue LCD
- Sealed VOLUME +/- and SELECT +/- pushbuttons
- Simplified drag-and-drop setup using ControlSpace® Designer™
- DIP switch addressing on back of unit
- Programmable control of system elements (switching of audio sources, system configurations)
- Supports programming of easy-to-select scenes—allowing multiple room usage scenarios to be recalled from the CC-16 by end users
- Customizable on-screen wording provides easier system operation
- Programmable software lock out
- Fits into a standard 2-gang electrical wall box

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## Safety and Regulatory Compliance

The ControlSpace™ CC-16 is cUL and CE approved. It has been tested to UL65000 (2nd edition) and IEC60065 standards and has a CB report including all country deviations. Meets FCC Class B, Canadian ICS-003 Class B, C-Tick, and EN55103-1 and EN55103-2 EMC requirements.

## Product Codes

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|---|---|
| White | 041761 |

## Accessories

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|---|---|
| Control Space Accessory Power supply | 041762 |