

Data Sheet

A-BUS® Multizone Controller Kit, A-C560

A-C68 Multizone Controller, A-K5L LCD Keypad, and A-SRC1 Remote Control



The A-C68 Multizone Controller caters to end users who want a versatile multiroom audio system with the ability to control the system from any keypad throughout the house. Six source inputs, simplified programming, IR remote control and user adjustable sound controls make listening to music throughout the home easier than ever.

This innovative product features a rack mountable form (1U) with support for six sources and eight zones. It features six buffered, fixed level audio source loop outputs. This source loop configuration allows the A-C68 to pass source signals to another component, such as a home theater receiver or to another A-C68 for sharing sources in a multiple controller system. The system is scalable to 48 zones by connecting six A-C68 units, to make whole-house audio available to larger homes and buildings. Your system can grow as your needs grow.

The on-board IR library provides control codes for more than a thousand source components, and includes intelligent IR learning capabilities.

System setup and source programming is accomplished through an easy process using the system remote control (A-SRC1) and the front panel programming center. The controller includes an RS232 connection behind the front panel for future use.

The A-C68 Multizone Controller employs the A-SRC1 remote control and elegant keypads (A-K5L and optional A-KSC) for home audio one-touch control. Both have soft-touch control buttons and a choice of amber or green backlighting. From each A-K5L keypad, the user can adjust bass, treble, balance and volume.

The new A-K5L LCD keypad provides more robust digital amplification and a LCD panel to view selected source, volume, bass, treble, and balance settings. Each zone has muting and paging options, as well as local source input and Party Mode.

To expand functionality, the optional A-KSC keypad can be added to the A-K5L to add source and numeric control. The sleep timer function lets the user listen to their music selection for up to 60 minutes before automatically shutting off the zone.



A-BUS® Multizone Controller A-C68



A-K5L LCD Keypad with optional A-KSC Source Control



A-SRC1 Remote Control



845.1 IR Micro Emitter

Specifications

A-C68 Controller

Dimensions: 16.75"W x 2.125"H x 10.5"D
(42.5 x 5.4 x 26.7 cm)

Weight: 12.7 lbs. (5.8 kg)

Power Supply: 100 - 240VAC 50-60Hz

Fuse Rating: 100V input; T3.0A US and Canada
240V input; T1.25A Europe

Frequency Response: 20Hz-20kHz +/- 0.1dB

Total Harmonic Distortion: <0.3%

Signal to Noise Ratio: 105dB A-weighted / 101dB unweighted

Audio Source Inputs: 6

Input Impedance: 60 Kohms

Max Source Audio Input: 3.5 Vrms

Audio Zones/Keypad Ports: 8 RJ45 T568A standard

Trigger Output: 12VDC 100mA Max

Trigger Input: 12VDC

845.1 IR Micro Emitter

Dimensions: .5"W x .375"H x .25"D
(12.7 x 9.6 x 6.4 mm)

Cable Length: 77" (195.6 cm)

A-K5L Keypad

Output Impedance: 8 ohms/channel (1 pair speakers)

Input Impedance: 30 Kohms

Power Requirements: +24VDC 1050mA peak

CAT-5 Connections: RJ45

Dimensions (in-wall): 1.75"W x 2.875"H x 1.75"D
(4.5 x 7.3 x 4.5 cm)

Weight: 5.5 oz. (160g)

A-KSC Keypad Source Control (optional)

Dimensions: 1.85"W x 2.7"H x 1"D
(4.7 x 6.9 x 2.5 cm)

Keypad Port: 14-pin connector for A-K5L keypad

A-SRC1 Remote Control

Dimensions: 2"W x 8.25"H (5 x 21 cm)

Batteries: 2 AA

Number Sources Controlled: 6 A-BUS + 1 Local



Conforms to
UL60065
Certified to
CAN/CSA
IEC60065



5 Forbes Road, Newmarket, New Hampshire 03857 USA

603.659.5170

www.russound.com

Since 1967, innovation, quality and reliability have been the core of the Russound product tradition. Today, Russound offers everything for enjoying multiroom audio-video in your home. All audio-video distributed solutions are built to high standards and designed with the unique consideration of making products that are a pleasure to live with and enjoy.

©2008 Russound. All rights reserved. All trademarks are the property of their respective owners. Specifications are subject to change without notice. Russound is not responsible for typographical errors or omissions.

A-BUS is a registered trademark of LeisureTech Electronics Pty Ltd Australia. This product may be covered by one or more of the following patents: US #7,181,023, #6,389,13; EP #1004222, AU #739808, NZ #502982, Mexico #241196, Canada #CA2301062