

Product Brief

A-BUS® Controller Kit A-C560



A-C68, A-K5L and A-SRC1 shown with optional A-KSC Source Control keypad and A-LC3 Local Source Input

Russound's new A-C560 A-BUS Controller Kit provides advanced multiroom audio system features in an installer friendly package. Designed from the engineering and know-how that introduced RNET, the new A-BUS controller kit offers more power, enhanced source control and easier system programming.

The cornerstone of the Controller Kit is the new A-C68 six-source, eight-zone multiroom controller. Designed for easy installation and programming, it features a rack-mountable 1U chassis with an internal power supply; an onboard library of IR codes and supports IR learning. The A-C68 also features independent source gain control, source power management and all-zone "party mode". Systems are scalable to support up to six A-C68 controllers linked to make a 48-zone system with six sources. The A-SRC1 system remote is designed exclusively for the A-C68 and provides complete source control.

The all-new A-K5L keypad delivers more power output through the use of a highly efficient Class D amplifier. The keypad lets you adjust bass, treble and loudness, as well

as set paging and local source turn-on volume for complete sound control. It features an LCD panel to view the selected source and audio settings and supports selection of six sources. The A-K5L gives you a choice of amber or green backlighting, and includes an IR receiver and IR confirmation through an LED status indicator.

Russound also offers the optional A-KSC Source Control Keypad and A-LC3 Local Source Input to expand functionality and system control of the A-C560 kit. The A-KSC combines in a standard a double-gang, workbox with an A-K5L keypad. This exclusive Decora® style 11-button add-on keypad provides complete numeric and transport control of source components. When used with an A-K5L, the A-LC3 Local Source Input features auto-turn on of local zones when a source signal is detected. It includes an IR emitter output for remote control of local sources.

With more features, more power, and more control, Russound's new A-C560 A-BUS Multiroom Controller Kit is the only system that delivers advanced multiroom features with the easy installation of A-BUS.

Features	Benefits
Smart	Preprogrammed IR library with IR learning for remote control (A-C68)
Modular	Component sized and rack mountable (A-C68)
Powerful	Digital amplification for robust sound (A-K5L)
Informative	LCD panel displays source name and volume level (A-K5L)
Advanced	All On/Party and Paging modes
Easy	System eypads install in standard fit single and double-gang workboxes, components connect with RJ45 CAT-5 connections

Specifications



A-C68 rear view



A-SRC1
System Remote

A-C560 A-BUS Controller Kit

Kit Contents: (1) A-C68 Controller, (6) 854.1 IR Emitter, (6) A-K5L Keypads*, (1) pair rack ears, (1) A-SRC1 Remote Control

*A-K5L keypads come with white and almond color conversions

Note: Accessory A-KSC keypads and A-LC3 modules are optional and not included in kit

A-K5L LCD Amplified 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
(45x73x45mm)

Weight: 5.5 oz. (160g)

A-C68 Multizone Controller

Dimensions: 16.75"W x 10.5"D x 2.125"H
(42.5 x 26.7 x 5.4 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 Zones/Keypad Ports: 8 RJ45 T568A standard

Audio Source Inputs: 6

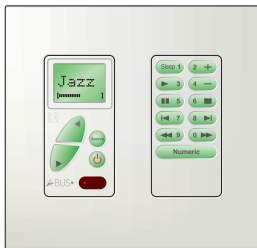
Input Impedance: 60 Kohms

Max Source Audio Input: 3.5 Vrms

Trigger Output: 12VDC 100mA Max

Trigger Input: 12VDC

Optional Accessories



A-KSC shown with A-K5L



A-KSC Source Control Keypad

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

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

Weight: 3 oz. (85 g)

A-LC3 Local Source Input Module

Input Sensitivity: 1 Vrms

Power Requirements: +24VDC, 20mA

Switching Delay: 3 to 60 seconds

CAT-5 Connections: RJ45 connector

IR Emitter Connection: 3.5mm mono IR output jack

Dimensions (in-wall): 1.75"W x 2.875"H x 1.75"D
(45x73x45mm)

Weight: 3.5 oz. (100g)



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