

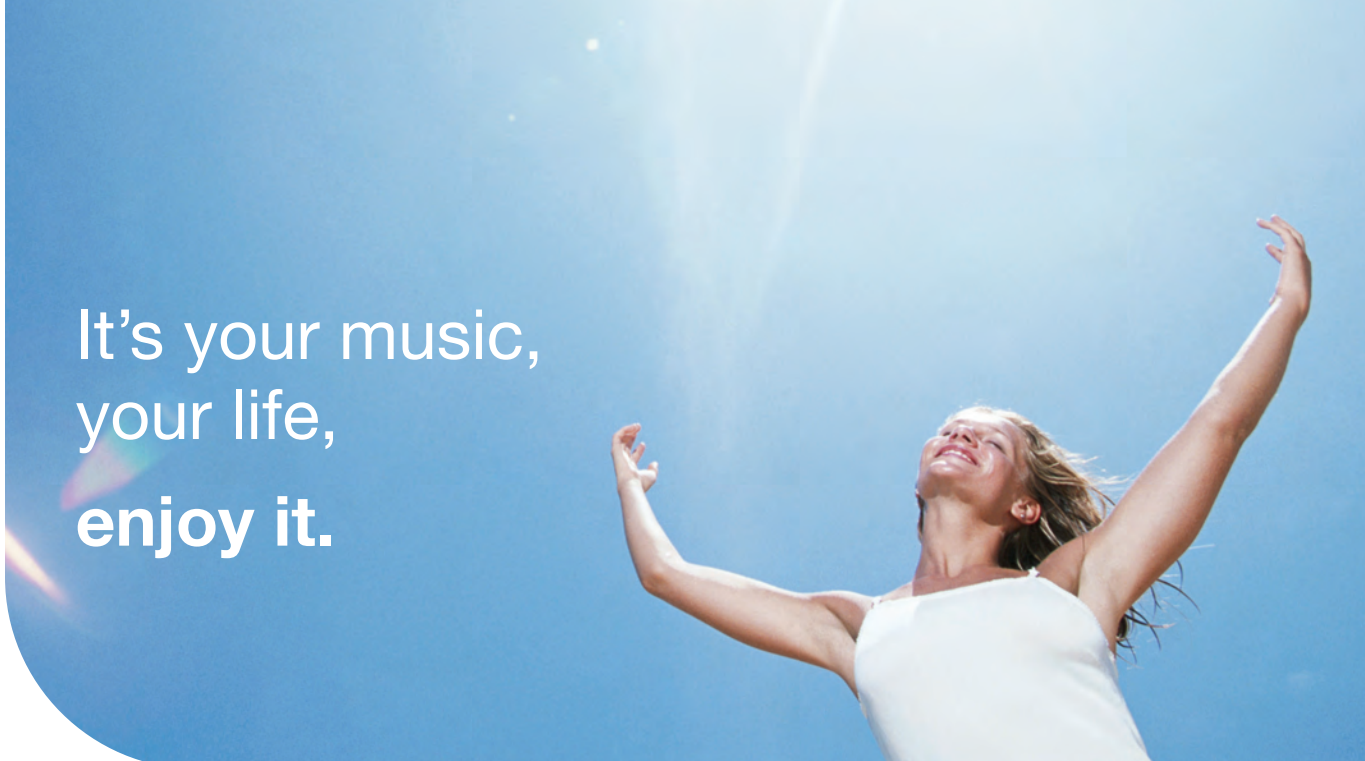


E-Series

Multiroom System

Advanced multiroom
features for today's
digital lifestyle





It's your music,
your life,
enjoy it.

Your home is an extension of you. You want it to reflect your tastes. You want your home to envelop you—in its design, beauty, and ambience. You want your home to surround you in music.

E-Series makes it possible.

E-Series

Scroll through your entire music library. View song, artist, and album information from keypads or touchscreens. Featuring more sources, zones, power, control, and features, the E-Series Multizone system from Russound makes enjoying your music simple.



Click Wheel Keypad KLK-E5

The KLK-E5 keypad is a beautiful wall-mounted interface for the E-Series Multizone system. It features a grayscale screen and touch-sensitive wheel for quickly navigating menus, settings and source features. You can easily access, control and enjoy music and video anywhere in the home.

Familiar

This keypad offers a touch-sensitive ring for source selection and menu navigation, and responsive hard buttons for most-often-used commands. It provides audible feedback and a more detailed display of source activity. The IR receiver supports the HHR-E5 system remote and IR pass through.



The KLK-E5 is designed to control an ACA-E5 Russound RNET® multiroom audio system. It controls the newest Russound components, including the SMS3 Smart Media Server, iBridge® Dock, and the ST2 Tuner with AM/FM and/or satellite radio.

User-friendly user-seductive

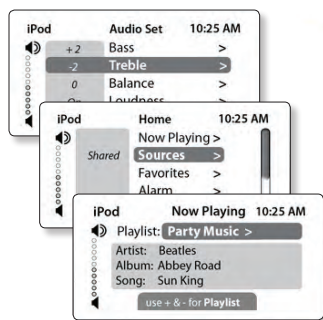
Multiroom Controller ACA-E5

The cornerstone of Russound's E-Series Multizone system is the ACA-E5 Multizone Controller Amplifier. With eight zones of audio and video distribution from twelve sources and highly efficient Class D digital amplifiers, the ACA-E5 is the most powerful controller amplifier from the #1 brand in multiroom audio.



Musical Conductor

The grayscale LCD screen displays valuable information such as Playlist, Channel, Station, Artist, Song Title, Genre and more, all in real time. It supports custom names for presets, banks, themes and sources for a truly personal touch.



Versatile



Engineered for expansion, the ACA-E5 features both a built-in AM/FM tuner and a modular tuner card slot that allows for the installation of Russound AM/FM, Sirius, or XM radio modules.

For the implementation of subzones, two Russound AM4-E5 sub-zone modules can be installed to extend your music from your kitchen to your patio, or anywhere else in your home.

Expand your options any way you'd like to. Engineered to grow, the ACA-E5 is ready to be customized for your home.



Hand Held Remote **HHR-E5**

The HHR-E5 is Russound's advanced remote control for the E-Series Multizone system. It works with the ACA-E5 controller, KLK-E5 Click Wheel Keypad, and Russound UNO-TS2 Smart Color Touchscreens. The remote controls up to twelve connected audio-video sources.



Make a connection

Included with the conventional source inputs are connections that make integration of the ACA-E5 easy. Two RNET A/V Inputs allow direct connection of RNET Smart Sources such as the iBridge Dock or SMS3 Smart Media Server, or connection of remotely located sources such as satellite or cable television boxes, or DVD players located up to 300' away.



The controller is also equipped with RS232 ports for integration with home control systems, USB ports for connection to future components, and an Ethernet port for system updates and remote support and programming.

Accessorize easily



Interested in adding a touchscreen, satellite radio tuners or more system zones without adding multiple controllers? The E-Series product line contains products and accessories that help expand and personalize your multiroom system to suit your needs.

Specifications



ACA-E5 Multiroom controller

Zones

8 per controller, 48 total per system

Sources

12 stereo audio and composite video, including built-in AM/FM tuner
Optional Smart Module expansion slot

Subzone expansion

Supports (2) optional four-zone A-BUS® subzone modules with advanced features

Control interfaces

Russound KLK-E5 keypad
Russound UNO-TS2 touchscreens
RS-232 control systems

Convenience features

System on/off from any keypad
Muting for doorbell or telephone
Page to all zones
Do Not Disturb mode
Party mode

Zone audio controls

Volume
Balance
Bass and treble
Loudness compensation

AM tuner

Tuning range: 530 - 1710 kHz
Sensitivity @ 20 dB S/N: 55 dBu
Image rejection: 33 dB
S/N ratio: 45 dB

FM tuner

Tuning range: 87.7 - 107.9 Mhz
Sensitivity @ 30 dB S/N: 6 dB max 12 dBu
Image rejection: 80 dB
S/N ratio: 60 dB

Audio amplifier

Total channels: 12
Power: 40 watts per channel RMS into 8 ohms
Minimum load impedance: 4 ohms
Frequency response: 20 Hz – 20 kHz ±1 dB
Total harmonic distortion: <0.05%
Signal-to-noise ratio: 93 dB unweighted, 96 dB A-weighted

Audio connections

Source inputs: 12 (including internal tuner)
Source loop outputs: 12
Zone outputs: 6 speaker level, 8 line level
Paging input: (1) Mono with signal sense
Paging output: (1) Mono

Video connections

Source inputs: 12
Source loop outputs: 12
Paging input: Composite video
Paging output: Composite video

RNET A/V connections

Input: (2) RJ45 jacks, T568A standard
Output: (8) RJ45 jacks, T568A standard

Trigger connections

Zone output triggers: (8) 12 VDC 100 mA
Common output trigger: (1) 12 VDC 100 mA
Paging triggers: (1) input, (1) output 12 VDC 100 mA
Home theater trigger: (1) 12 VDC
Doorbell triggers: (2) 12 VDC 120 mA
Latch output triggers: (2) 24 VAC/DC 1 A

Communication ports

Serial interface: (2) RS232 DB9 connectors, 19.2 kHz and 115.2 kHz baud rate
USB port: USB 2.1/1.1 master port
Ethernet port: RJ45 connection, 10/100 Base T with link and activity LEDs
RNET link: RNET link in and out

IR Control

IR output: (6) shared routed, (3) common, 1/8" mini jack

Power

Voltage: 110 or 240 VAC, 50-60 Hz
Fuse rating: 100-240V input; T5.0A 250V US and Canada
220-240V input; T3.15A 250V Europe

Physical

Dimensions: 17"W x 7"H x 17.5"D
(43.2 x 17.8 x 44.5 cm)
Weight: 32.75 lbs. (14.7 kg)

KLK-E5 Click wheel keypad



Display

2.75"W x 1.38"H (70 x 35 mm)
high resolution LCD

Controls

Round capacitive touch ring scroll interface
Six backlit hard buttons

CAT-5 connection

RJ45 (T568A standard)

Wall surface dimensions

4.5"W x 4.5"H
(11.43 x 11.43 cm)

Inside box dimensions

3.5"W x 2.75"H x 1.5"D
(8.9 x 6.9 x 3.8 cm)

Power requirements

275 mA @ 12 VDC max

Weight

1 lb. (0.45 kg)



SPHERE™

Premier products for Russound
Sphere™ Certified Professionals

The Sphere Certified Integrator Program is a premium service program for experienced multiroom audio and video dealers. For more information on the Sphere program please visit www.russoundsphere.com



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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.

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