

# SPHERE™

# 2009



## E-Series International Product Guide

Available exclusively for Russound  
Sphere Certified Integrators





SPHERE™

# Certified Integrator Program

Best in class service, support, training and acknowledgement for select integrators



## Our Mission

The Russound Sphere Certified Integrator Program is a new premium service program developed to strengthen Russound's relationship with premier integrators. Focused on a platform of professional achievement, this program includes rewards such as comprehensive training and certification courses, access to a new exclusive line of products and sales tools that complement the technical knowledge and experience of leading integrators.

Designed for installation professionals at the top of their game, the Russound Sphere Certified Integrator Program provides the tools and products necessary to maintain their competitive edge.

## Requirements\*

- Russound RNET® training with experience in home theater, home automation or custom A/V industry
- Provide installation and support for their clients
- Must keep a Sphere Certified Installation Technician with up-to-date training on staff
- No internet or mail order sales

## Integrator Benefits

- Limited network of integrators
- Exclusive access to the Russound Sphere Certified product lines, including the Russound E-Series
- Premium training and education program
- Sales policies designed to protect the integrator



## Interested in joining our program?

For more information about the Sphere Certified Integrator Program, please contact your Russound Sales Representative or visit our website at [www.RussoundSphere.com](http://www.RussoundSphere.com).

For assistance locating a Sales Representative in your area, please contact us:

**Phone:** +1.603.292.0572

**Email:** [spheresales@russound.com](mailto:spheresales@russound.com)

\* Disclaimer: Russound reserves sole and absolute discretion to (i) determine a candidate's eligibility to meet the Program requirements, and (ii) terminate a dealer for failure to comply with the requirements. Russound considers each candidate's satisfaction of the applicable requirements and any other criteria it deems relevant and may modify the Program requirements at any time.



RNET FC CE



View "now playing" source information while checking up on weather, news, and stock updates.

Easily access and control IP based CCTV cameras.

## E-Series Color Touchscreen TSV-E5

The TSV-E5 touchscreen is a beautiful wall-mounted interface for the ACA-E5 Multizone Controller Amplifier. It features a high-resolution 8.4" backlit color touchscreen for quickly navigating menus, settings and source features and receiving system feedback. You can easily access, control and enjoy your music and video sources from anywhere in the home.

This wall-mounted touchscreen offers advanced features, such as a wake-to-music alarm and sleep timer, full control of a Russound SMS3 Smart Media Server, including cover art and theme and IP based CCTV camera support. For ease of installation, the TSV-E5 connects with just one CAT-5e cable.

The TSV-E5 is designed to control an ACA-E5 Multizone Controller Amplifier. It controls the newest Russound components, including the SMS3 Smart Media Server, iBridge™ Dock, Bay and the ST2 Tuner with AM/FM and/or satellite radio.

The full-color, high-resolution screen displays valuable information such as Playlist, Channel, Station, Artist, Song Title, Genre and more, all in real time.

### Features

- Single CAT-5e connection
- Full SMS3 control, including album cover art, theme and data editing
- IP CCTV camera support
- Alarm with sleep timer and wake to music
- Web widgets (weather, sports, news)
- IR receiver with optional plasma resistant IR filter
- 10 hard buttons for frequently used tasks
- Paintable bezel

Order Number  
**E260-527609**  
Shipping Weight  
6 lbs. (2.7 kg)  
Shipping Dimensions  
16" W x 4.5" H x 12" D  
(40.6 x 11.4 x 30.5 cm)

## Touchscreen Desktop Stand DM-TSV



The Touchscreen Desktop Stand attaches to the back of an E-Series TSV-E5 to allow the color touchscreen to be used on a desk, table, or nightstand. Bring control of your ACA-E5 system off the wall and within easy reach.

Order Number  
**E260-531194**

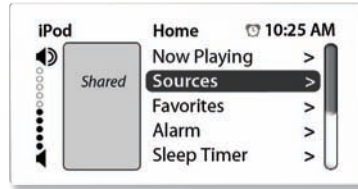
## Touchscreen Desktop Stand VM-TSV

The E-Series touchscreen VESA mount bracket mounting kit allows the TSV-E5 to be attached to any 'X' shaped VESA compatible mounting option.

Order Number  
**E260-531187**



RNET® 



Click Wheel allows for easy scrolling through sources, albums, songs, or playlists.

Screen displays Russound source metadata for information of artist, album, song or playlist.

## E-Series Click Wheel Keypad KLK-E5

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

This double-gang keypad offers a click wheel 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. It also supports IR reception for use with a remote control.

The KLK-E5 is designed to control an ACA-E5 Multizone Controller Amplifier. It controls the newest Russound components, including the SMS3 Smart Media Server, iBridge™ Dock, Bay and the ST2 Tuner with AM/FM and/or satellite radio\*.

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.  
\* Satellite radio available in Canada only.

### Features

- Menu driven interface
- High-resolution display
- Click wheel source selection
- Alarm and sleep timer
- IR receiver with auxiliary input
- Available in five finishes with optional conversion plates



Order Number  
**E150-527395**  
**Shipping Weight**  
1.5 lbs. (.7 kg)  
**Shipping Dimensions**  
8" W x 7.5" H x 2.5" D  
(20.3 x 19.1 x 6.4 cm)

## E-Series Plasma Friendly Click Wheel Keypad KLK-E5P

The KLK-E5P is the plasma-friendly version of the award winning KLK-E5 Click Wheel Keypad. It employs additional optical filtering to reject noise from plasma displays, making it an ideal choice for home theater applications.

The optical design results from painstakingly testing all the major brands of plasma displays to ensure superior noise reduction. Additionally, the KLK-E5P is immune from most sources of IR interference such as compact fluorescent lighting.

### Features

- Menu driven interface
- High-resolution display
- Click wheel source selection
- Alarm and sleep timer
- Plasma friendly IR receiver with auxiliary input
- Available in five finishes with optional conversion plates

Order Number  
**E150-527937**  
**Shipping Weight**  
1.5 lbs. (.7 kg)  
**Shipping Dimensions**  
8" W x 7.5" H x 2.5" D  
(20.3 x 19.1 x 6.4 cm)



RNET® 

## E-Series Radio Frequency Remote RFR-E5

Looking for an advanced system remote that combines the latest in technology and functionality? The RFR-E5 Radio Frequency Remote delivers.

The RFR-E5 features a high-resolution, gray scale screen that displays source information and feedback from an ACA-E5 Multizone Controller Amplifier, and an intuitive click wheel interface that allows users to easily scroll through playlists, stations, album libraries, and media collections. Through RF technology, it can control up to 12 system sources and 48 zones from anywhere in the home. The backlit remote also controls local sources, such as televisions, cable boxes and DVD players through IR pass-through.

The RFR-E5 communicates with an ACA-E5 system by two-way RF signals transmitted to its charging cradle. The charging cradle connects to the ACA-E5 through a single CAT-5e cable, allowing it to be located up to 250' from a Multizone Controller Amplifier. RF communication and flexible charging cradle placement also make the RFR-E5 the perfect solution to controlling retrofit zones that do not include a keypad or touchscreen for control.

### Features

**Advanced** - two-way communication and control between charging cradle and remote via RF technology

**Effortless** - click wheel interface for scrolling through playlists, radio stations, music libraries and more

**Informative** - large LCD screen displays what's playing, station, song, artist, and album information

**Easy** - docking cradle charges remote's battery and connects to the system via an Ethernet connection

**Flexible** - allows for IR control of three local sources and "retrofit" control of zones without keypads

Order Number  
**EU E150-531019**  
**UK E150-531026**  
**Shipping Weight**  
 TBA  
**Shipping Dimensions**  
 TBA



*High-resolution screen displays system metadata such as information on source, artist, album, song and playlist.*



*Intuitive click wheel interface allows for easy scrolling through sources, albums, artists, playlists or songs.*

*Sleek ergonomic design, intuitive user interface and two-way communication combine to make the RFR-E5 a rich and powerful system remote capable of controlling any zone from one location.*





RNET  FCC CE

## E-Series Multizone Controller ACA-E5

The ACA-E5 is an advanced eight-zone, twelve-source Multizone Controller Amplifier with an internal AM/FM tuner. With an advanced feature set, the ACA-E5 represents the latest in technology from the #1 brand in multiroom audio.

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 and Bay, or connection of remotely located sources such as satellite or cable television boxes, or DVD players located up to 300' away.

An internal expansion slot allows for the installation of Russound Radio Modules, such as the AM/FM Radio Module, XM Satellite Radio Module or the SIRIUS Satellite Radio Module.

In addition to the 8 zones of output, the ACA-E5 provides two solutions for system expansion through sub-zones. Included with each of the 8 zones is a RNET A/V Output. RNET A/V Outputs allow audio and video signals to be distributed up to 300' on CAT-5e cable to a remote location. From there, additional amplifiers and volume controls can be added to create system subzones. Also available are optional, field installable A-BUS subzone modules. With four zones each, the installed modules correspond to the 8 individual zones of the ACA-E5. If system expansion through subzones does not meet the needs of the designer, multiple ACA-E5 controller amplifiers can be linked together to provide coverage for up to 48 zones.

Along with increased flexibility of source inputs and zone distribution, the ACA-E5 also has enhanced features to increase the functionality of a multiroom controller amplifier.

*\* Satellite radio available in Canada only.*

### Features

- 12 source inputs
- 8 zone outputs
- Internal AM/FM tuner
- \*Optional Smart Source module (SIRIUS®, XM®, AM/FM tuners)
- \*XM & SIRIUS Modules available in Canada only*
- 2 optional 4 zone A-BUS® sub-zone modules
- Ethernet port
- IP and web server support
- 2 USB ports
- 2 RS-232 serial ports
- Remote source inputs
- Door bell chimes and paging
- Audio and video sensing inputs
- Composite video switching
- Home theater triggers
- Remote zone outputs

**Door bell** – hear the door bell throughout your multiroom system, or mute through the use of “do not disturb” function

**Remote latch control** – unlatch door remotely to let guests in

**Ethernet Port** - allows for programming and system diagnostics over the internet

**RS-232 Ports** – Combine the ACA-E5 with home automation systems

**USB Port** – For programming, system connections, or future interface devices

Order Number  
**EU E150-528965**  
**UK E150-528958**  
**Shipping Weight**  
 52 lbs. (23.6 kg)  
**Shipping Dimensions**  
 21" W x 16" H x 22" D  
 (53.3 x 40.6 x 55.9 cm)





## E-Series Zone Expander ZXP-E5

The ZXP-E5 provides six additional audio zones to an ACA-E5 Multizone Controller. This unit allows for system expansion without the need of adding duplicate controllers. All the features and functionality of an ACA-E5 are carried over into zones added through a ZXP-E5, and zones are controlled through KLK-E5 keypads, TSV-E5 touchscreens, or E-Series remote controls.

Up to five ZXP-E5 Zone Expanders can be added to an ACA-E5 Multizone Controller, providing a total of 38 zones of multiroom audio at 40 watts per channel.

### Features

- 6 zone audio outputs
- Paging input and output
- RS-232 serial port
- 2U chassis

Order Number

**EU E150-530807**

**UK E150-530814**

**Shipping Weight**

38 lbs. (17.2 kg)

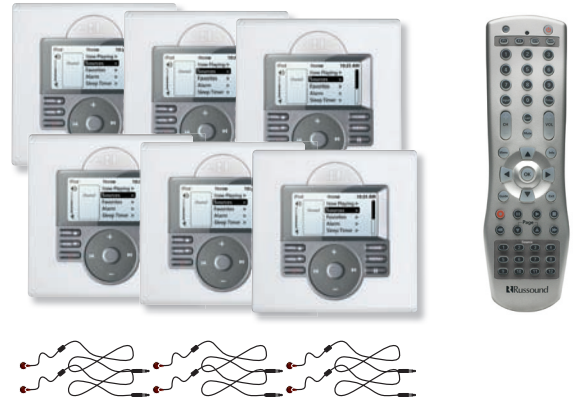
**Shipping Dimensions**

22" W x 12" H x 22" D

(55.9 x 30.5 x 55.9 cm)



RNET FC CE



## E-Series Multizone Kit KT1-E5

Packed as the convenient foundation for an ACA-E5 Multizone Controller System, the KT1-E5 E-Series Multizone Kit includes the hardware required to get an E-Series system established. The kit includes an ACA-E5 Multizone Controller, six KLK-E5 Click Wheel Keypads, an HHR-E5 Hand Held Remote, and six 845.1 IR Emitters for control of IR source equipment.

### Kit includes:

- (1) ACA-E5 Multizone Controller
- (6) KLK-E5 Click Wheel Keypads
- (1) HHR-E5 Hand Held Remote
- (6) 845.1 IR Emitters



Order Number  
**EU E150-528989**  
**UK E150-528972**  
**Shipping Weight**  
 58 lbs. (26.4 kg)  
**Shipping Dimensions**  
 21" W x 16" H x 22" D  
 (53.3 x 40.6 x 55.9 cm)



RNET FC CE



## E-Series Zone Expander Kit KT2-E5

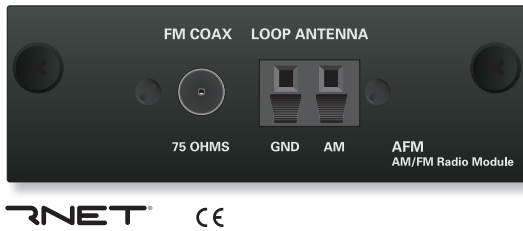
Designed to provide easy expansion for an ACA-E5 Multizone Controller System without the cost of adding additional controllers, the KT2-E5 Zone Expander kit includes a ZXP-E5 Zone Expander and six KLK-E5 Click Wheel Keypads.

### Kit includes:

- (1) ZXP-E5 Zone Expander
- (6) KLK-E5 Click Wheel Keypads

Order Number  
**EU E150-530876**  
**UK E150-530869**  
**Shipping Weight**  
 43 lbs. (19 kg)  
**Shipping Dimensions**  
 22" W x 12" H x 22" D  
 (55.9 x 30.5 x 55.9 cm)

## AM/FM Radio Module AFM



The AFM AM/FM Radio Module is an optional tuner module for the ACA-E5 controller. This AM/FM tuner module is field-installable and is secured with thumb screws. It supports a 75-ohm FM antenna and a 300-ohm AM antenna. The AFM module is configured as a source through SCS-E5 configuration software.

Order Number  
**2440-527647**  
Shipping Weight  
1 lbs. (.5 kg)  
Shipping Dimensions  
9" W x 6.5" H x 2.75" D  
(22.9 x 16.5 x 7 cm)

## XM Satellite Radio Module XMM

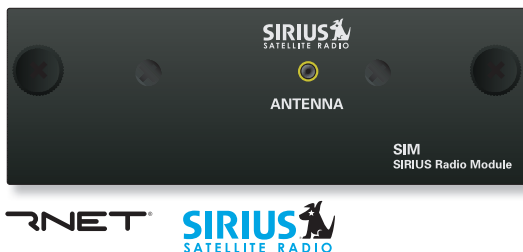


The XMM XM Satellite Radio Module is an optional tuner module for the ACA-E5 controller. This XM tuner module is field-installable and is secured with thumb screws. It supports a 50-ohm SMB connection XM antenna, and includes an SMB to F-connector adapter for RG6 cable antenna use. The XMM module is configured as a source through SCS-E5 configuration software.

Order Number  
**2440-527616**  
Shipping Weight  
1.5 lbs. (.7 kg)  
Shipping Dimensions  
9" W x 6.5" H x 2.75" D  
(22.9 x 16.5 x 7 cm)

*Available in Canada only.*

## SIRIUS Satellite Radio Module SIM

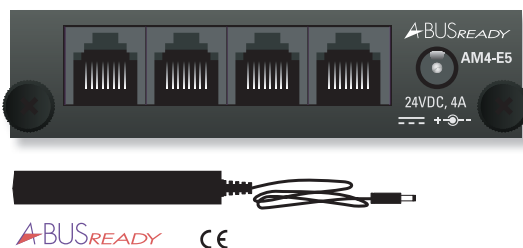


The SIM SIRIUS Satellite Radio Module is an optional tuner module for the ACA-E5 controller. This SIRIUS tuner module is field-installable and is secured with thumb screws. It supports a 50-ohm SMB connection SIRIUS antenna, and includes an SMB to F-connector adapter for RG6 cable antenna use. The SIM module is configured as a source through SCS-E5 configuration software.

Order Number  
**2440-527630**  
Shipping Weight  
1.5 lbs. (.7 kg)  
Shipping Dimensions  
9" W x 6.5" H x 2.75" D  
(22.9 x 16.5 x 7 cm)

*Available in Canada only.*

## A-BUS Subzone Module Kit AM4-E5



The AM4-E5 is an optional A-BUS module for the ACA-E5 controller that adds four subzones to the system. These subzones support A-BUS keypads and share a source with the main zone but have independent room control for power and volume.

The ACA-E5 hosts one or two AM4-E5 modules. Each AM4-E5 supports four A-BUS keypads (A-K3 or A-K5L) with RJ45 ports for CAT-5 connection to keypads. Speakers in these subzones connect directly to the A-BUS keypads with standard speaker cable. Includes A-PS4 Power Supply.

Order Number  
**E200-529054**  
**EU E200-529337**  
**UK E200-529344**  
Shipping Weight  
.6 lbs. (.3 kg)  
Shipping Dimensions  
8.5" W x 2.75" H x 8.5" D  
(21.6 x 7 x 21.6 cm)

A-BUS® is a registered trademark of LeisureTech Electronics Pty Ltd Australia

## Keypad Color Conversion Trim Plates



KLK-E5 system keypad color conversion trim plates for the ACA-E5 system. Sold individually.

Order Number  
**E150-527975 (White)**  
**E150-528019 (Almond)**  
**E150-528002 (Bone)**  
**E150-527982 (Brown)**  
**E150-527999 (Black)**

**Shipping Weight**  
 0.5 lbs. (.2 kg)  
**Shipping Dimensions**  
 5.5" W x 5.5" H x 1" D  
 (14 x 14 x 2.5 cm)

## KLK-E5 Screwless Wallplate for ComPoint Keypads KLK-SWP



The KLK-SWP Screwless Wallplate allows you to combine a KLK-E5 Click Wheel Keypad with a ComPoint Keypad or other U.S. Decora® style intercom device in one triple-gang, low-voltage work box. The vertically symmetrical plate allows the additional device to be located on either the left or right side of the KLK-E5.

Order Number  
**E150-527968 (White)**  
**E150-529351 (Almond)**  
**E150-529375 (Bone)**  
**E150-529368 (Brown)**  
**E150-529382 (Black)**

## Touchscreen Black Conversion Trim Plate



TSV-E5 Touchscreen color conversion trim plate for the ACA-E5 system. Sold individually.

Order Number  
**E260-531163**



## Hand Held Remote HHR-E5

The HHR-E5 is Russound's system remote control for the E-Series multiroom system. It works with Russound's ACA-E5 Multizone Controller Amplifier, KLK-E5 Click Wheel Keypad, and TSV-E5 Color Touchscreen. It also controls up to 12 connected audio-video sources via the ACA-E5.

With backlit keys and favorite keys to quickly access music, the HHR-E5 is an attractive option for system control. Page Up and Page Down keys along with standard cursor keys support on-screen menu navigation. A Disc key enables direct selection of discs in CD or DVD changers. Discrete source keys allow selection of sources on the Russound system without scrolling through a list.

### Features

**Simple to use**—just point at the keypads and press for device and music selection

**Ergonomic**—sleek design fits comfortably in palm

**Quick**—select sources and choose music with the touch of a button

**Convenient**—allows multiroom control from anywhere in the room

Order Number

**E150-527111**

**Shipping Weight**

1 lbs. (.5 kg)

**Shipping Dimensions**

8" W x 2.5" H x 1.5" D  
(20.3 x 6.4 x 3.8 cm)



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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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