



**encore**  
*Hear, There and Everywhere*



Digital Audio  
Distribution  
System

**Linear**<sup>®</sup>  
*Building On Innovation.*



Turn on quality sound in individual room or whole-house mode

Today's diverse, sophisticated consumers demand more from their home audio systems. Linear delivers a new level of performance with its Encore Digital Audio Distribution System.

## Sound Thinking from Linear

Designed for quality, functionality and affordability, Encore provides:

- **24-Bit Digital Technology** for consistent, high-quality sound (better than 16-bit CD quality), with no degradation common to analog audio systems.
- **Standard 4-Audio Source, 4-Zone/Room System**, expandable to 32 zones, each with its own integrated amplification – providing exceptional sound quality for each room, eliminating hot spots and maximizing listening flexibility.
- **High Power Output of up to 100 Watts** provides exceptional amplification per zone.
- **In-Zone Customization** gives listeners the ability to select sources, adjust volume, balance, bass, treble and more.
- **Simple, User-Friendly Keypads** are available in multiple colors and incorporate a clean, modern design that blends in well with any home or office décor.

At the heart of the Encore System is its structured wire based Distribution Hub, featuring Linear's new DIGI-5 technology, a ground breaking, end-to-end solution for delivering high quality digital audio from multiple sources to different rooms.

## Technology for the Discerning Listener

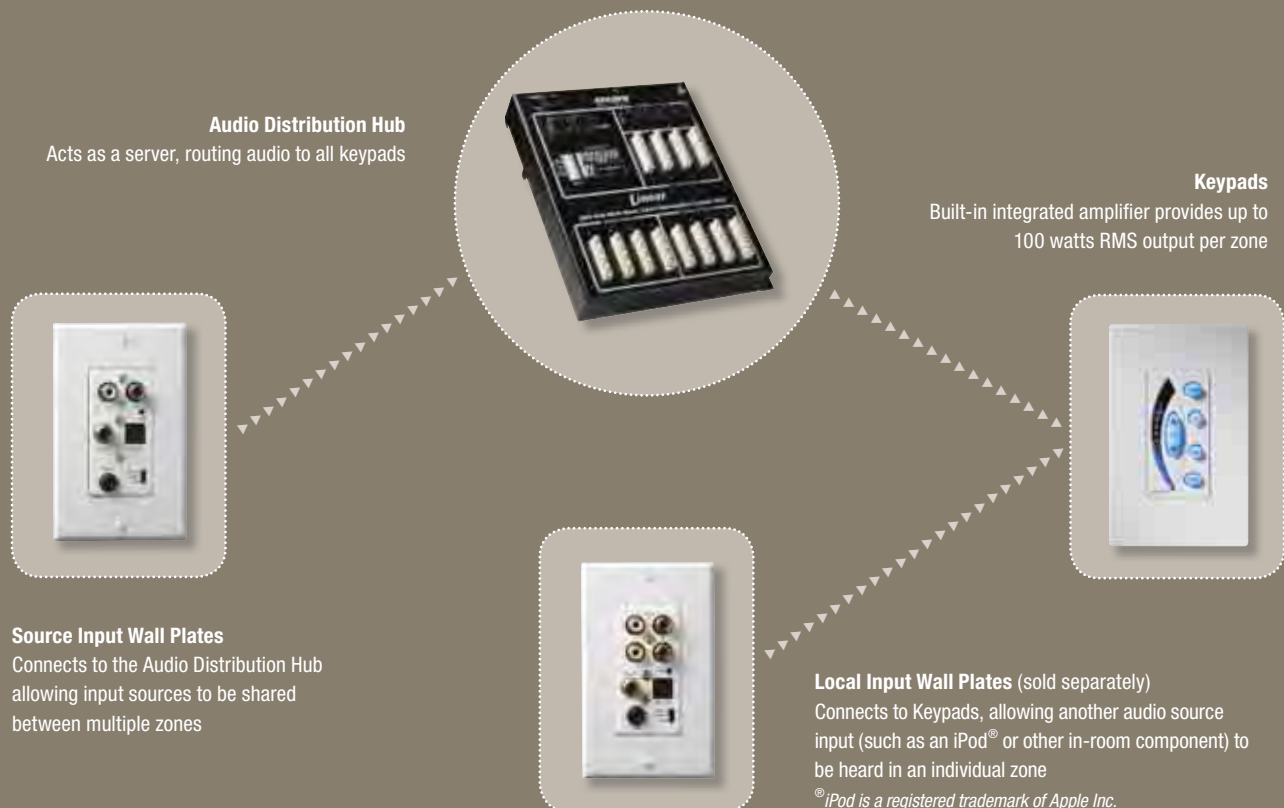
The result of years of research and development, DIGI-5 technology creates an outstanding multi-room audio system. Analog audio signals are converted to a high quality 24-bit digital format at the Source Input Wall Plates, and then routed through the Distribution Hub to the Keypads. Powerful amplifiers are built into the individual Keypads, surrounding listeners with bold, distortion-free sound.



It's like having a stereo system in every room, without the clutter of separate audio components. And with the ability to customize and control sound in each zone from any Keypad, Encore delivers exceptional flexibility and convenience.

In 2009, DIGI-5 technology won the Innovative House Technology Award (IHTA) for Multi-Room Audio/Video.

Connect the Encore Digital Audio Distribution System with ease using these four components:





Place sound on mute or do-not-disturb from the in-room keypad or remote

## What is DIGI-5?

Simply put, the main features of DIGI-5 technology are:

- **End-to-End 24-Bit Digital Architecture** for crystal-clear sound distribution routed over long distances throughout a home or office.
- **High-Efficiency Digital Amplification** provides a more powerful and dynamic sound that is bold, clean and detailed.
- **Scalable, CAT-5-Based Technology** provides for easy installation and eliminates higher-cost specialty cables and long heavy-gauge speaker wire runs.



The Encore Audio Distribution Hub featuring award-winning DIGI-5 technology.

Keypads include integrated amplifiers to power sound that can be customized by zone using intuitive controls.

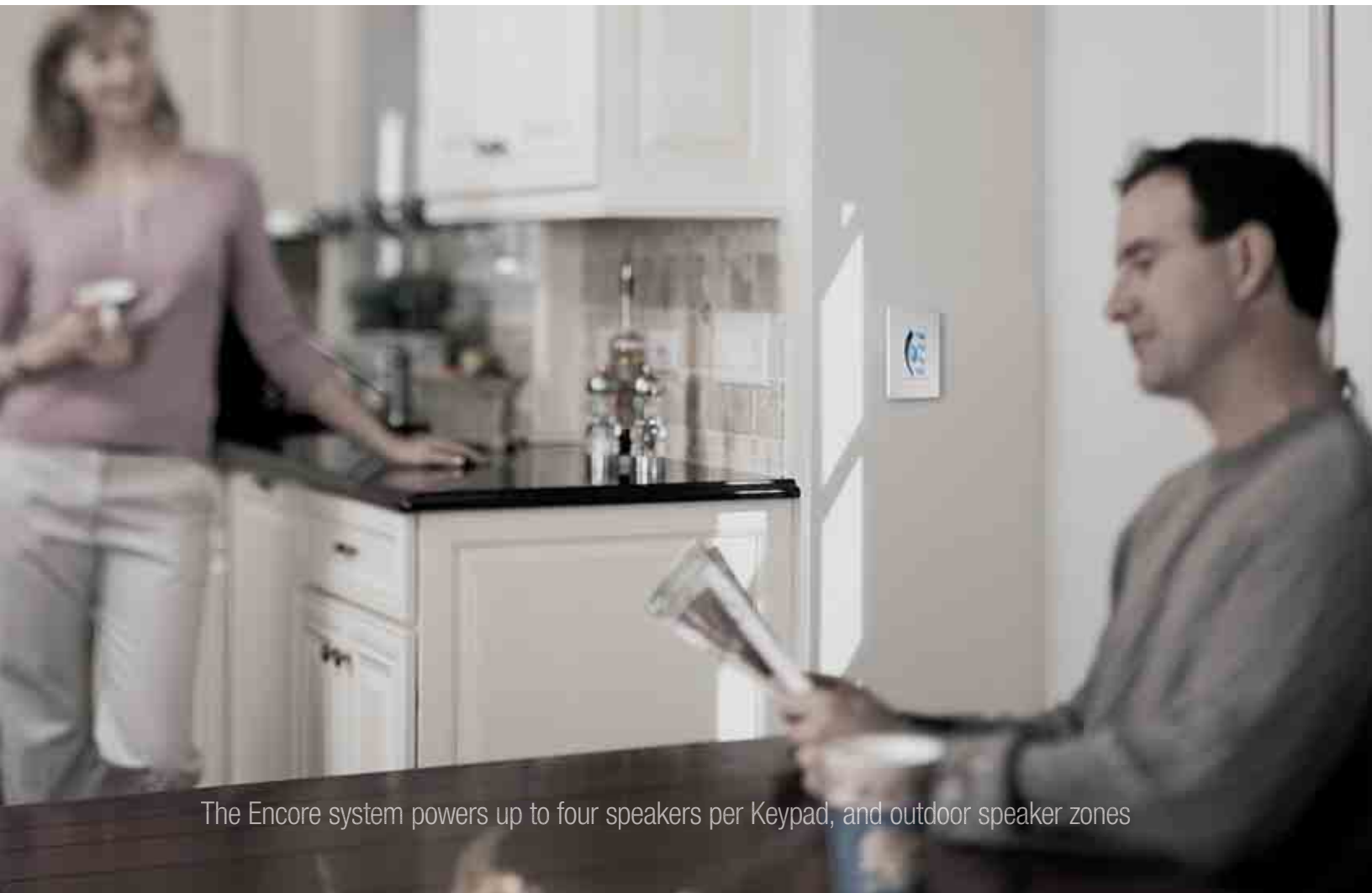


At Linear, the evolution of sound and its delivery is a study in engineering coupled with a passion for excellence. Sophisticated electronic technology and user-friendly features combine – and master – digital audio distribution from multiple sources, for the listening pleasure of everyone in the home.

## Sounds Like a Winner!

Encore is the highest quality, most cost-effective whole-house audio distribution system on the market today. And, an economical price means more homeowners than ever before can enjoy high-quality, whole-house sound.

So whether you're enjoying the crescendo of an in-home concert, a romantic dinner for two, or the company of friends for the big game on Sunday, let Encore deliver the pure, digital sounds of your life.



The Encore system powers up to four speakers per Keypad, and outdoor speaker zones

# Spec it Out! The Encore System ... Unplugged



## Encore Keypad (ENC-DRS)

- Provides local control of all system functions:
  - Source selection and volume level
  - Tone control (bass/treble adjustment)
  - Balance, loudness and dynamic compression
  - Mute, do-not-disturb and whole-house music modes
- Built-in Class D Digital Amplifier provides up to 100 watts total output power per zone at less than 1% THD
- Built-in IR engine allows for remote control of all connected audio sources
- Back-lit buttons with auto fade
- CAT-5 wiring connections for the Audio Distribution Hub and optional Local Input Wall Plate
- DECORA® style – fits into a standard single-gang box\*
- Includes white keypad bezel and elegant screwless wall plate (black and almond also available)

®DECORA is a registered trademark of Leviton Manufacturing Company.

\*Encore Keypads and Input Wall Plates are designed to fit into a single-gang opening using low voltage rings or within single-gang junction boxes with a minimum unobstructed depth of 2.75 inches.



## Audio Distribution Hub (ENC-HUB)

- Routes four Source Input Wall Plates and four Keypads for a 4-source, 4-zone digital audio distribution system, using CAT-5 wiring
- Use as a 4-Zone Expansion Hub for an existing Encore system, providing connections for up to four additional Keypads
- End-to-end digital architecture delivers crystal clear sound to all zones with no signal loss
- Durable, high-quality punch down connectors
- Keypad power-boost output terminals for longer distances\*
- Zone pairing – groups multiple zones together for large rooms
- No PC required for setup – plug in the Encore Keypads and you're ready to go

\*Additional 16/2 power boost wire recommended for maximum amplification performance over long runs.



### Source Input Wall Plate (ENC-SIWP)

- Provides connectivity to the Audio Distribution Hub for an input source that can be shared between multiple zones of an Encore Audio Distribution System
- Up to four Source Input Wall Plates can be used per system
- Analog source material connected to RCA jacks is converted to 24-bit SPDIF digital format (better than CD quality), using high grade A/D converters
- Additional optical and coaxial input jacks are provided for direct connection to digital output sources
- IR emitter output connector provides IR control of source components remotely
- Input gain adjustment and clipping indicator
- Fits into a standard single-gang box\*

*\*Encore Keypads and Input Wall Plates are designed to fit into a single-gang opening using low voltage rings or within single-gang junction boxes with a minimum unobstructed depth of 2.75 inches.*



### Local Input Wall Plate (ENC-LIWP Optional)

- Provides connectivity to an Encore Keypad for an audio input that can be used as a fifth source within a discreet zone of an Encore Audio Distribution System
- One Local Input Wall Plate can be used per Keypad
- Convenient override feature automatically switches to the top set of RCA connectors when source material is present
- Analog source material connected to RCA jacks is converted to 24-bit SPDIF digital format (better than CD quality), using high grade A/D converters
- Additional optical and coaxial input jacks are provided for direct connection to digital output sources
- IR emitter output connector provides IR control of local source components
- Input gain adjustment and clipping indicator
- Fits into a standard single-gang box\*

*\*Encore Keypads and Input Wall Plates are designed to fit into a single-gang opening using low voltage rings or within single-gang junction boxes with a minimum unobstructed depth of 2.75 inches.*



### Encore Remote (ENC-REM)

- Provides local control of system functions: source selection, volume control, mute and power
- Credit card size remote control
- Magnetic strip provides the ability to stick remote to metallic surfaces
- Includes battery



### Encore Remote (ENC-LRM Optional)

- Provides control of all system functions and source components
- Programmable 4-source capable
- Pre-programmed with Encore controls
- Compatible with major source components
- Dedicated Encore volume, source, bass, treble and balance controls
- Three IR macro function buttons.
- Built-in IR code library
- Includes batteries

### Single-Head IR Emitter (2171-4)

- Repeats IR signals from keypads to source components
- Ten-foot cord with mini plug
- Adhesive back on emitter




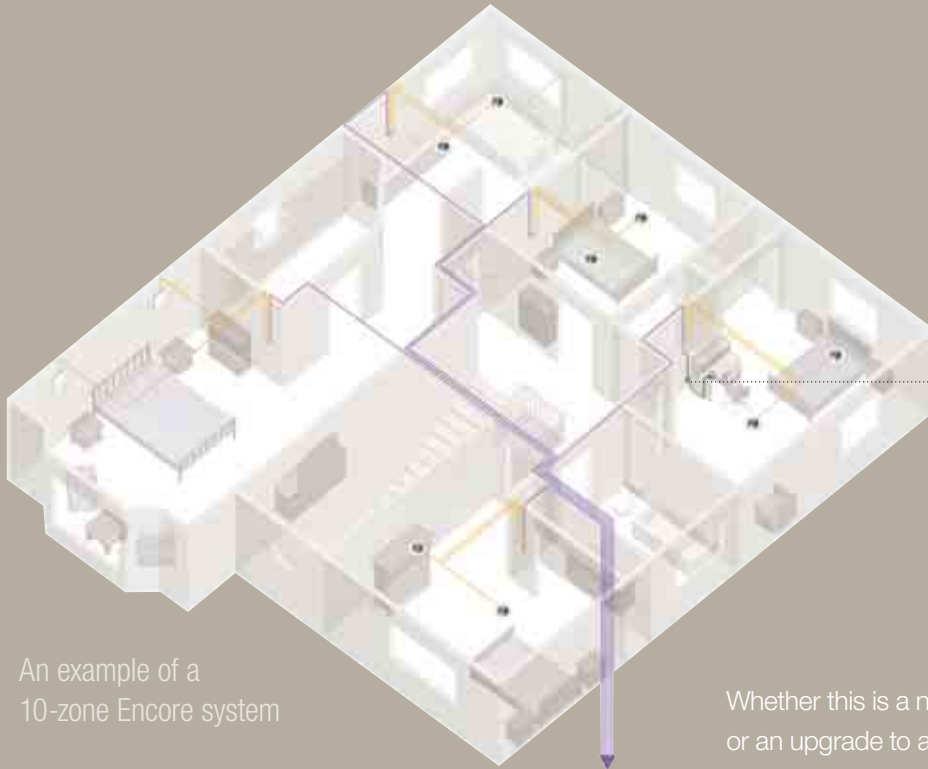
### Encore Digital Audio Distribution System Kit (ENC-KIT-M)

- Standard 4-audio source, 4-zone system, expandable to 32 zones

(1) Audio Distribution Hub & Power Supply  
 (4) Encore Amplified Keypads  
 (4) Source Input Wall Plates

(1) H275 Universal Mounting Bracket  
 (1) Standard Remote  
 (4) IR Emitters

						
1 x ENC-HUB	4 x ENC-SWP	1 x H275	4 x ENC-DRS	1 x ENC-PS	1 x ENC-REM	1 x 2171-4



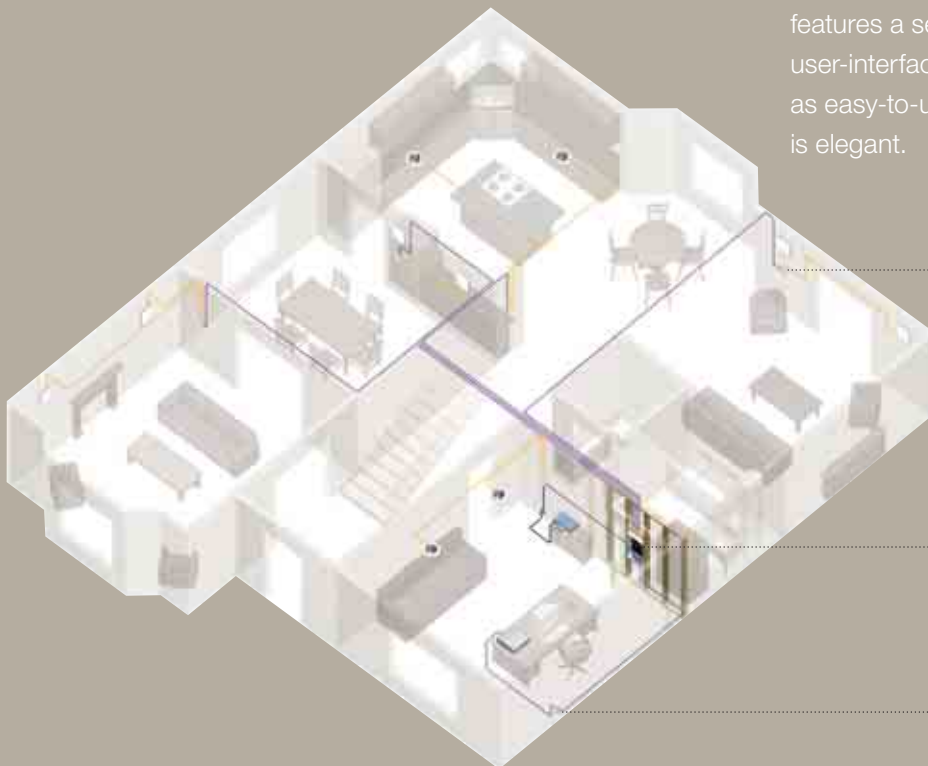
An example of a 10-zone Encore system

Local Input Wall Plate



Whether this is a new in-home audio system, or an upgrade to an existing one, the Encore system is easy to install from scratch, or connect to an existing structured wire based system using single run CAT-5 wire.

## Wall to Wall or Room to Room...Encore Connects Them All



The Encore System Keypads blend into any home or office interior, with a stylish, non-intrusive look and features a self-intuitive user-interface that is as easy-to-use as it is elegant.



Keypad



Audio Distribution Hub

Source Input Wall Plate





Contact your local audio system center  
or A/V specialist for more information  
about the Encore System.