KENWOOD
soVereign

Connection and Setup Guide

How to Connect And Setup Your

Entré

Entertainment Hub

Connecting and Setting Up Your New Kenwood Sovereign Entré

Welcome to the Connection and Setup Guide for your new Kenwood Sovereign Entré. With Entré, you can enjoy traditional media, like FM/AM radio, CDs, and movies, alongside exciting new media, such as MP3s and Internet radio. Entré allows you to control, organize and enjoy your collections from one easy-to-navigate interface.

Use this guide to connect all your current audio and video components— Entré has a variety of connection jacks so you can customize your entertainment setup.

Many of Entré's features require Entré to be connected to the Internet, a Kenwood Sovereign DVD/CD changer, Kenwood CD changer with CDDB capability, and/or a Kenwood Sovereign Receiver. Features requiring external products or services are noted throughout the manual.

Entré is a dynamic product. Software updates will allow Kenwood and OpenGlobe to provide new functions and capabilities. Refer to the Kenwood USA website at www.kenwoodusa.com for the latest information regarding your new Entré.

OpenGlobe, the OpenGlobe logo, CE-Commerce and entertain simplicity are trademarks of OpenGlobe, Inc.
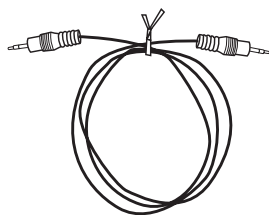
OpenGlobe

CDDB is a registered trademark and GraceNote is a trademark of CDDB, Inc. (dba GraceNote)

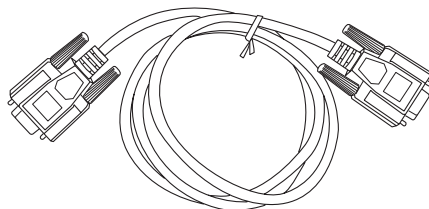All other trademarks are property of their registered owners.

Unpacking

Unpack your new Entré carefully and make sure that all of the accessories are present:
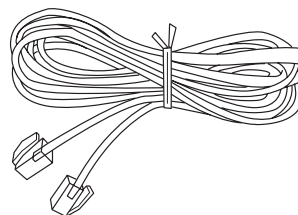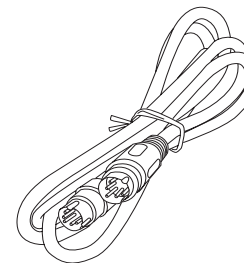
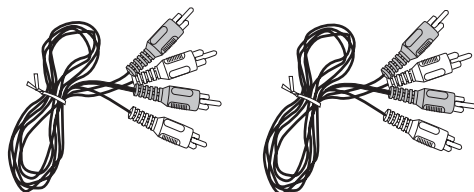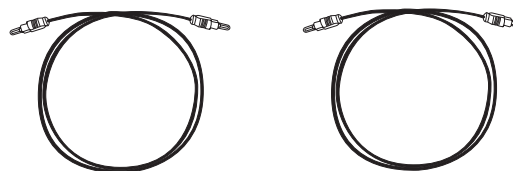| 1 mono mini jack cable | 1 RS232C cable | 1 telephone cable | 1 S-Video cable | Remote control |

| 2 stereo audio cables | 2 digital optical cables | batteries |
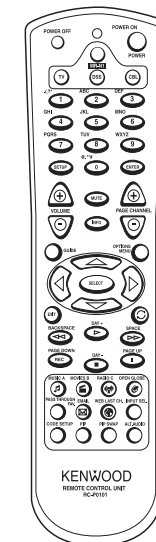
If any accessories are missing, or if the Entré is damaged or fails to operate, notify your dealer immediately. If your Entre was shipped to you directly, notify your shipper immediately. Kenwood recommends that you retain the original carton and packing materials in case you need to move or ship the Entré in the future.

Before Applying Power

Read this section carefully to ensure safe operation.

Kenwood Sovereign Entré is designed for operation on AC 120 V only. Entré must be connected to a 120V AC outlet that supplys constant voltage. Do not use an outlet controlled by a switch, or the switched power outlet on your Entré or other audio component.

Safety Precautions

Read this section carefully to ensure safe operation.

Prevent electric shock:

- Do not expose your Entré to rain or moisture.
- Do not remove the cover (or back). There are no user serviceable parts inside. If your Entré requires repair, take it to an authorized service outlet.

The following icons indicate the presence of uninsulated dangerous voltage that may be of sufficient magnitude to cause electric shock:

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
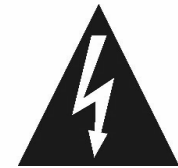
Internet Connection

Many of Entré's capabilities, including downloading CD information, connecting to Internet radio stations, or automatic software updates, require a specific type of Internet connection.

You *must* have a third-party Internet service provider (ISP) to access those features.

CAUTION Because free ISPs, AOL, and CompuServe do not use standard methods of Internet connectivity, and do not open their networks to outside users, you can not use these ISPs with Entré.

NOTE To obtain an ISP via OpenGlobe, begin the Quick Start Setup process (see "How Do I Power-Up Entré for the Very First Time?" on page 19) and call the toll-free number given to you during the proccess.

How Do I Reset Entré?

If Entré fails to respond to front panel or remote commands or if it responds erroneously, use the following procedure to reset it:

- Hold the **POWER** button down until the Standby Indicator begins to flash on and off. Then release the **POWER** button.
- When the Standby Indicator stops flashing and is lit constantly, push the **POWER** button to turn Entré on.

Table of Contents

Table of Contents

Chapter 1: Setting Up and Configuring Your Entré

To enjoy your Entré you will need to connect it to your existing home entertainment system. Making the proper connections ensures you can fully integrate Entré with the other components of your existing entertainment system. Entré enhances your ability to enjoy media through the Internet as well as acting as a librarian for your existing media formats.

This chapter contains the following sections:

How Do I Connect to My TV?

How Do I Connect to My TV?, continued

How Do I Connect to My TV?, continued

Connect a video cable from Entré's Video Output jack to your TV's Video IN jack shown above.

Before making any video connections to the TV you must choose the type of connection you will use:

- Component video connections provide the best video quality; S-Video connections provide video quality that is superior to standard composite video connections.

- If your A/V receiver is a Kenwood model with Universal Video™ or Universal Video™ HD, connect Entré to the TV using the highest quality connection type possible, and connect your receiver to Entré using that same type of connection. See your receiver's Setup and Connection Guide for more information about connecting video components to your receiver.

- If your A/V receiver is not a Kenwood model with Universal Video™ or Universal Video™ HD, connect Entré to the TV using the same type of video connection that is being used between the rest of your video components and your A/V receiver. (You must use the same type of connection for all of your video components.)

- If your TV does not have any video connections at all (it only has antenna connections), you must purchase an RF modulator that converts video signals into antenna signals to use your TV with Entré. You should be able to find an RF modulator at a store specializing in electronic parts.

- If you previously connected your TV directly to your VCR, you must now connect it through Entré.

Watching TV without Turning on Entré

The connection described here sets your TV up as a monitor you can use to view media played on your other video devices (such as a VCR or DVD player) via Entré. You can still watch TV without having to use Entré—simply turn on your TV as you normally do.

How to Connect and Set Up Your Entré Entertainment Hub   3

How Do I Connect to My Receiver or Amplifier?

STEREO AUDIO CABLE

REMOVE PLASTIC
TIP PROTECTOR FROM
OPTICAL CABLES

OPTICAL DIGITAL CABLE

OPTICAL DIGITAL CABLE

STEREO AUDIO CABLE

USE
ONE
TYPE

VIDEO CABLE

RS-232 CABLE

MINI CABLE

USE
ONE TYPE

REMOVE PROTECTIVE
COVER FROM
OPTICAL SOCKETS.
REPLACE PROTECTIVE
COVER WHEN NOT IN USE.

How to Connect and Set Up Your Entré Entertainment Hub
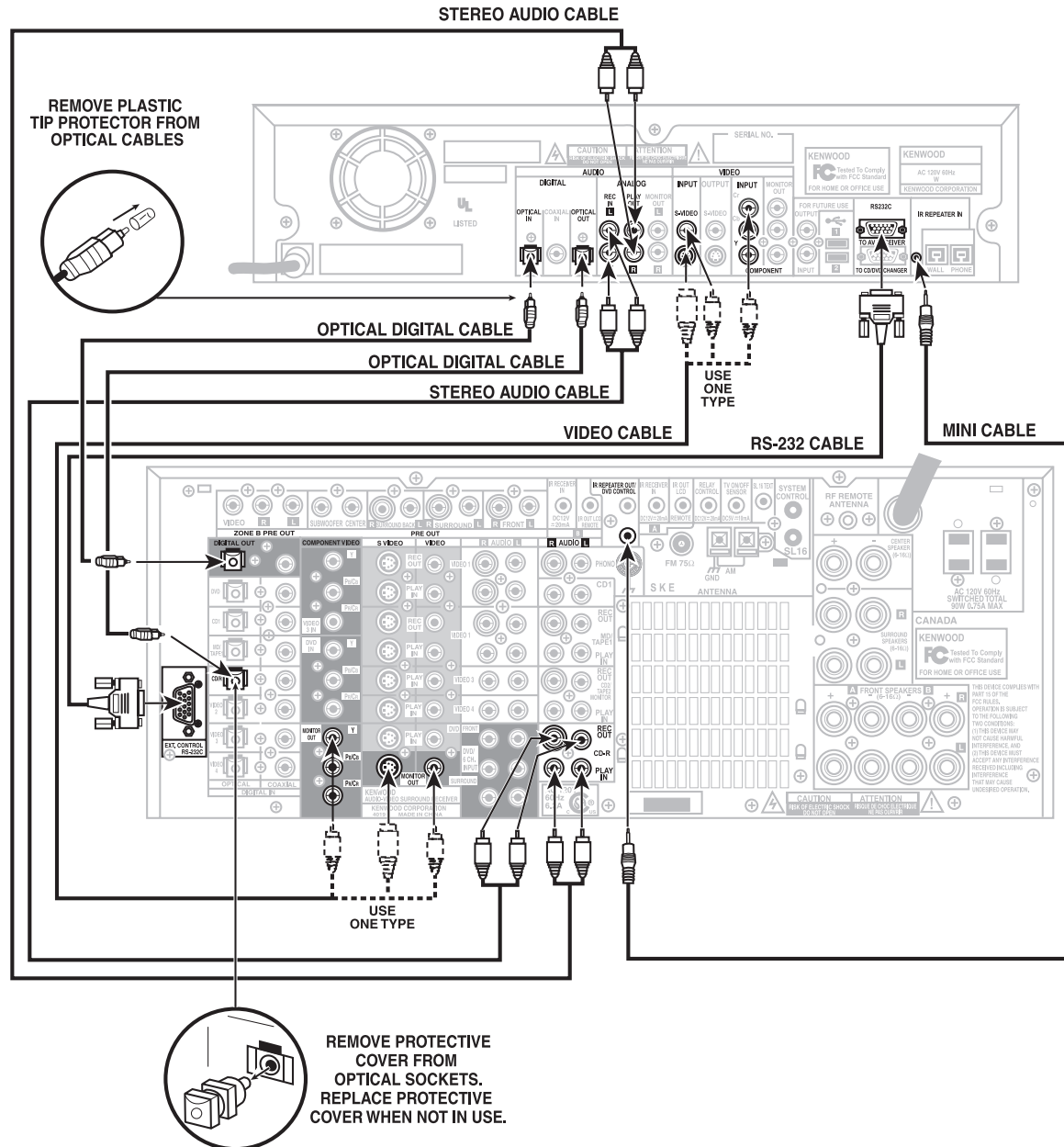
How Do I Connect to My Receiver or Amplifier?, continued

Do not plug in Entré or devices to AC power until you have connected all your devices.

This section focuses on the connections from your receiver to Entré. Please refer to your receiver's instructions for more detail about its connection jacks and capabilities.

Connecting a Kenwood Sovereign Receiver

Review the information under "Before making any video connections to the TV". It contains important notes about the types of connections you can make.

1. Connect one of the included optical digital cables from the receiver's OPTI-CAL DIGITAL Out jack to Entré's DITIGAL OPTICAL In jack and connect the other included optical digital cable from Entré's DIGITAL OPTICAL Out jack to the receiver's CD-R OPTICAL DIGITAL jack, as shown.

    NOTE If you use the optical digital cable, be sure to remove the protective cover from the optical jack before connecting. Please retain the cover and store it in a safe place.

2. Connect the video cable from the receiver's MONITOR OUT jack to Entré's Video Input jack as shown. Use the same type of connection that you used between Entré and your TV (see pages 2-3).

3. Connect the included RS-232C cable from the receiver's RS-232C jack to Entré's RS-232C jack as shown.

    NOTE The RS-232C cable included with Entré has female connectors at both ends. If you are substituting a commercially available RS-232C cable, make sure that it has female connectors on both ends.

4. Connect one stereo audio cable from the receiver's CD-R REC OUT jacks to Entré's ANALOG REC IN jacks. Connect another stereo audio cable from Entré's ANALOG PLAY OUT jacks to the receiver's CD-R PLAY IN jacks as shown.

    NOTE If you don't use Entré's analog connections, you may not be able to record certain copy-protected media that can only be recorded using Entré's analog inputs.

Connecting Any Other Primary Receiver

1. Examine the receiver's available inputs and outputs. Select an input set for Entré that has an optical digital input, analog play (tape monitor) outputs, and analog record (tape monitor) inputs associated with it. Note which input you select: this will become the receiver's Entré input.

2. Connect a stereo audio cable from the receiver's TAPE MONITOR OUT (Rec) jacks to Entré's ANALOG REC IN jacks. Connect another stereo audio cable from Entré's ANALOG PLAY OUT jacks to the receiver's TAPE MONI-TOR IN (Play) jacks.

3. Connect a digital optical cable from Entré's DIGITAL OPTICAL OUT jack to the receiver's DIGITAL OPTICAL IN jack. If the receiver has a DIGITAL OUT jack, and depending on what type it is (either coaxial or optical), con-nect it to one of Entré's DIGITAL IN jacks.

    NOTE If you use the optical digital cable, be sure to remove the protective cover from the optical jack before connecting. Please retain the cover and store in a safe place.

4. Connect a video cable from the receiver's video MONITOR OUT jack to Entré's VIDEO INPUT jack. Use the same type of connection that you used between Entré and your TV (see pages 2-3).

    NOTE Do NOT plug Entré's power cord into the receiver's switched accessory outlet. Plug Entré's power cord only into a wall outlet that receives constant power.

How Do I Connect to My Kenwood Sovereign DVD or CD Changer?
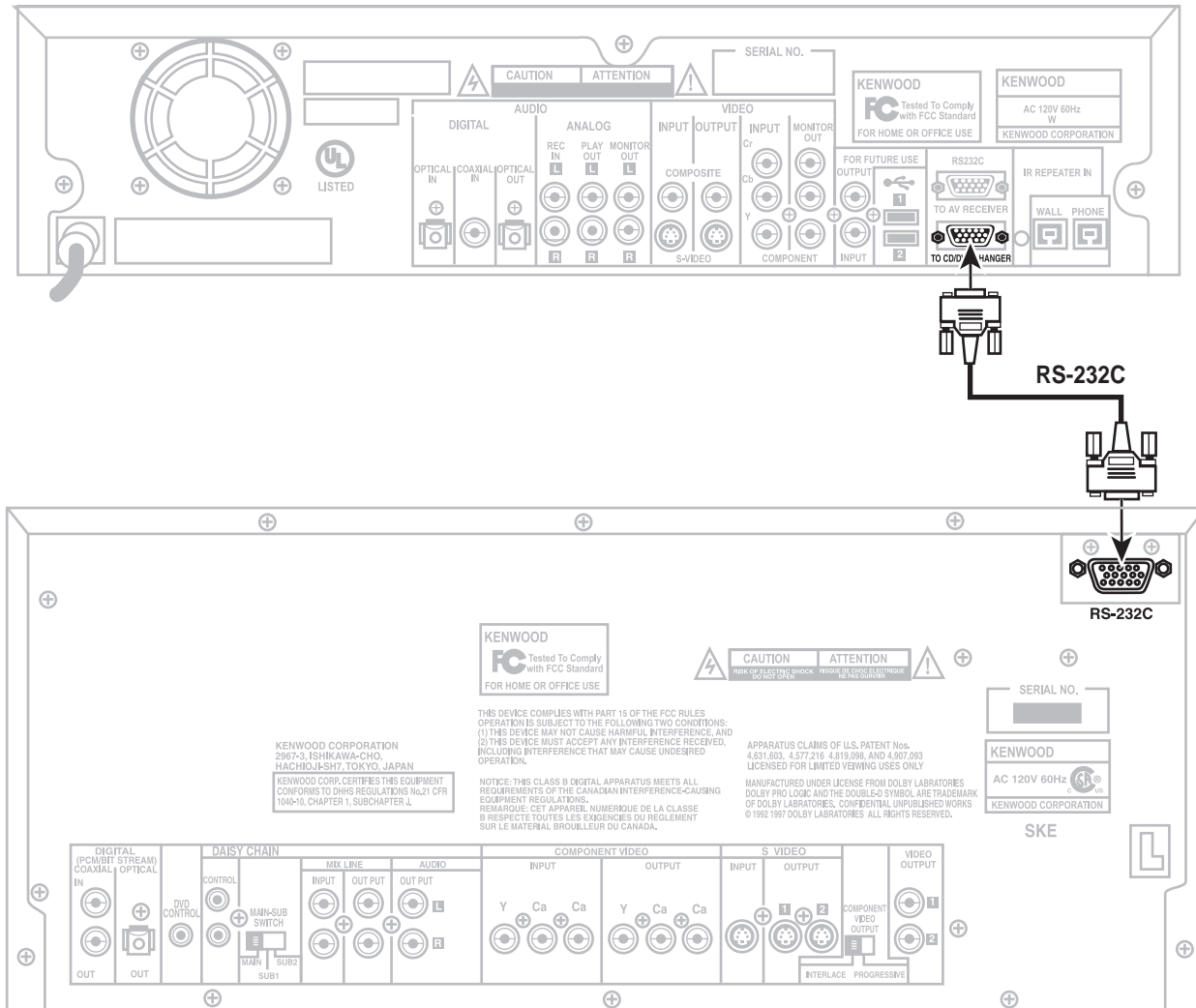
How Do I Connect to My Kenwood Sovereign DVD or CD Changer?, continued

Entré can control the following Kenwood DVD and CD changers:

- DVD: DV-5900M, DV-5050M
- CD: CD-425M, CD-4700M

Do not plug in Entré or devices to AC power until you have connected all your devices.

Connect the included RS-232D cable from the DVD or CD changer's RS-232D jack to Entré's RS 232C to CD/DVD Changer jack as shown.

NOTE The RS-232C cable included with Entré has female connectors at both ends. If you are substituting a commercially available RS-232C cable, make sure that it has female connectors on both ends.

For all other connections between the DVD/CD changer and receiver/amplifier, refer to the instruction manuals for those components.

NOTE If you are using Entré with a Kenwood Sovereign DVD changer and a non-Kenwood Sovereign receiver, follow the connection instructions on pages 8–9.

NOTE If you are daisy-chaining more than one Kenwood Sovereign DVD changer, Entré will only control the changer in the chain designated 'Main', not those designated 'Sub 1' and 'Sub 2'.

How Do I Connect to My Kenwood Sovereign DVD Changer and a Non-Kenwood Receiver?

TV or
MONITOR

Video
In

Monitor
Out

RECEIVER

Digital
Out

Analog Audio/
Video Input

6-Channel
Analog Input

REMOVE PLASTIC
TIP PROTECTOR FROM
OPTICAL CABLES

OPTICAL
DIGITAL
CABLES

STEREO AUDIO CABLES (3)

STEREO
AUDIO
CABLES

VIDEO
CABLE

REMOVE PROTECTIVE
COVER FROM
OPTICAL SOCKETS.
REPLACE PROTECTIVE
COVER WHEN NOT IN USE.

SERIAL NO.

KENWOOD

KENWOOD

AC 120V 60Hz

FOR HOME OR OFFICE USE

KENWOOD CORPORATION

Tested To Comply
with FCC Standard

CAUTION   ATTENTION

AUDIO

DIGITAL   ANALOG

VIDEO

INPUT   OUTPUT   INPUT   MONITOR
OUT

OPTICAL   COAXIAL   OPTICAL
IN   IN   OUT

REC
PLAY   MONITOR
OUT

COMPOSITE

FOR FUTURE USE

RS232C

IR REPEATER IN

TO AV RECEIVER

WALL   PHONE

S-VIDEO   COMPONENT   INPUT   TO DISC CHANGER

LISTED

DIGITAL AUDIO CABLE

VIDEO CABLE

RS-232C CABLE

RS-232C

KENWOOD

Tested To Comply
with FCC Standard

FOR HOME OR OFFICE USE

CAUTION   ATTENTION

SERIAL NO.

KENWOOD CORPORATION
2967-3, ISHIKAWA-CHO,
HACHIOJI-SHI, TOKYO, JAPAN

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED
OPERATION.

APPARATUS CLAIMS OF U.S. PATENT Nos.
4,631,603, 4,577,216, 4,819,098, AND 4,907,093
LICENSED FOR LIMITED VIEWING USES ONLY

KENWOOD

AC 120V 60Hz

KENWOOD CORPORATION

KENWOOD CORP. CERTIFIES THIS EQUIPMENT
CONFORMS TO DHHS REGULATIONS No.21 CFR
1040-10, CHAPTER 1, SUBCHAPTER J.

NOTICE: THIS CLASS B DIGITAL APPARATUS MEETS ALL
REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING
EQUIPMENT REGULATIONS.
REMARQUE: CET APPAREIL NUMÉRIQUE DE LA CLASSE
B RESPECTE TOUTES LES EXIGENCES DU RÈGLEMENT
SUR LE MATÉRIAL BROUILLEUR DU CANADA.

MANUFACTURED UNDER LICENSE FROM DOLBY LABRATORIES.
DOLBY PROLOGIC AND THE DOUBLE-D SYMBOL ARE TRADEMARK
OF DOLBY LABRATORIES. CONFIDENTIAL UNPUBLISHED WORKS
© 1992-1997 DOLBY LABRATORIES. ALL RIGHTS RESERVED.

SKE

DIGITAL
(PCM/BIT STREAM)
COAXIAL   OPTICAL

DAISY CHAIN
CONTROL

MIX LINE
INPUT   OUTPUT

AUDIO
6 CH OUTPUT
FRONT   SURROUND   CENTER

COMPONENT VIDEO
INPUT   OUTPUT

S-VIDEO
INPUT   OUTPUT

VIDEO
OUTPUT

2ND
CONTROL

MAIN-SUB
SWITCH

SUB   MAIN

Y   Cb   Cr

Y   Cb   Cr

COMPONENT
VIDEO
OUTPUT

INTERLACE   PROGRESSIVE

IN

OUT

How Do I Connect to My Kenwood Sovereign DVD Changer and a Non-Kenwood Receiver?, continued

Do not plug in Entré or devices to AC power until you have connected all your devices.

This section focuses on the connections from your Kenwood Sovereign DVD changer and a non-Kenwood receiver to Entré. Please refer to your receiver and DVD player's instructions for more detail about their connection jacks and capabilities.

NOTE   Though the diagram on page 8 shows a DV-5900M DVD changer, you can connect a DV-5050M changer to Entré as well.

Connecting a Non-Kenwood Receiver to Entré

Review the information under "Before making any video connections to the TV". It contains important notes about the types of connections you can make.

1. Examine the receiver's available inputs and outputs. Select an input set for Entré that has an optical digital input, analog play (tape monitor) outputs, and analog record (tape monitor) inputs associated with it. Note which input you select: this will become the receiver's Entré input.

2. Connect one of the included optical digital cables from the receiver's OPTI-CAL DIGITAL Out jack to Entré's DIGITAL OPTICAL In jack and connect the other included optical digital cable from Entré's DIGITAL OPTICAL Out jack to the receiver input's OPTICAL DIGITAL jack, as shown.

    NOTE   Be sure to remove the protective cover from the optical jack before connecting. Please retain the cover and store it in a safe place.

3. Connect the video cable from the receiver's MONITOR OUT jack to the TV or Monitor's VIDEO IN jack as shown. Use the same type of connection that you use between Entré and the receiver.

4. Connect one stereo audio cable from the receiver's ANALOG RECORD OUTPUT jacks to Entré's ANALOG REC IN jacks, as shown. Connect another stereo audio cable from Entré's ANALOG PLAY OUT jacks to the receiver's ANALOG PLAY INPUT jacks, as shown.

    NOTE   If you don't use Entré's analog connections, you may not be able to record certain copy-protected media that can only be recorded using Entré's analog inputs.

5. Connect one video cable from the receiver's VIDEO INPUT to Entré's VIDEO OUTPUT, as shown.

Connecting a Kenwood Sovereign DVD Changer to Entré

1. Connect a digital audio cable from the changer's DIGITAL COAXIAL OUT jack to Entré's DIGITAL COAXIAL IN jack, as shown.

2. Connect a video cable from the changer's VIDEO OUTPUT jack to Entré's COMPOSITE VIDEO INPUT jack, as shown.

3. Connect the included RS-232C cable from the changer's RS-232 jack to Entré's RS-232 jack as shown.

    NOTE   Since the DVD player makes a digital connection to Entré, Entré must make additional digital input and output connections to the receiver. See step 2 in "Connecting a Non-Kenwood Receiver to Entré" on this page.

Connecting a Non-Kenwood Receiver to a Kenwood Sovereign DVD Changer

Connect three stereo audio cables from the receiver's 6-CHANNEL ANALOG INPUT to the DVD changer's 6-CHANNEL ANALOG OUTPUT as shown.
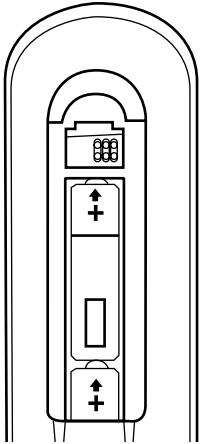
NOTE   If you have a DV-5050M, connect one stereo audio cable from the DVD player's MIX LINE OUTPUT to the receiver's DVD analog input.

How Do I Set Up My Remote?

Loading Batteries

1. Remove the cover.
2. Insert two AA batteries as illustrated below:

3. Close the cover.

Entering Product Codes

The remote supplied with your Entré is programmed to work with a number of different brands of home entertainment devices such as TV, DSS, and cable boxes. The code listings in the "Appendix A: Program Codes" on page 31 show all available codes for different manufacturers.
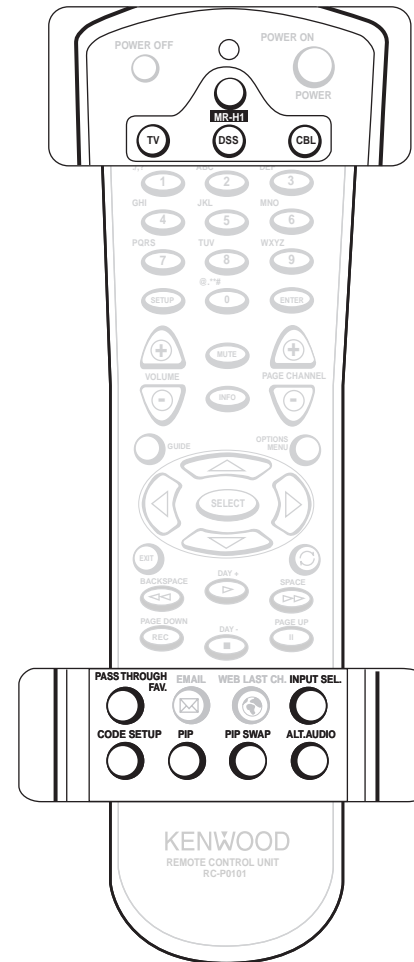
To enter the correct product code:

1. Look up the brand name of the device you want the remote to work with.
2. Press the button for the device you wish to control (TV, DSS, or CBL (cable)), then press and hold the **CODE SETUP** button on the remote.

   NOTE The LED on the top of the remote will blink twice, indicating the system is ready for you to enter a four-digit code.

3. Enter the appropriate code from the code listings, making sure the LED blinks once after every digit is entered.

   NOTE Ensure the LED blinks twice after entering the last digit of the code. This tells you the code is valid for the device you selected. If the code you enter is incorrect, the LED will blink only once after the last digit.

   NOTE If you enter an incorrect code, or pause 10 seconds while pressing the numeric buttons to enter the product code, the remote will automatically exit the code setup program. Press the **CODE SETUP** button again to start over.

Finding Unlisted Product Codes

If the code list does not list the brand of your unit, you can cycle through the available codes stored on your remote in order to locate a working code.

To cycle through the available codes:

1. Press the **CODE SETUP** button on the remote
2. Press the **9** button
3. Press the **9** button again
4. Press the **1** button

The remote will enter the first available code cycle for you to test. For example, if you want to enter a specific code for your TV but discover there are no codes listed for your TV, run through all the available codes to locate a code that is compatible with your TV. In order to select or test other codes:

1. Press the **CODE SETUP** button if your TV responds to the code cycle in order to program the code into the remote.
2. Press the **MODE** button (the TV button, if you are looking for a code for your TV) to advance to the next available code cycle if your TV fails to respond to inputs from the remote. Continue until you locate a code with the correct available functions for your TV.

NOTE If your device does not respond to any of the available codes, the Entré remote cannot be programmed to control it.

Using Picture within a Picture

While in the TV mode, press the PIP button to enable the Picture within a Picture feature available with some TVs. Please refer to your TV's instructions for more information about its capabilities.

Swapping the Picture within a Picture

Press the **PIP SWAP** button to swap the larger picture for the smaller one in the upper corner of the TV screen.

Selecting an Alternate Audio Source

While in the TV mode, press **ALT AUDIO** to switch to Second Audio Program (SAP).

Selecting an Alternate Video Source

Use the **INPUT SELECT** button to switch from Entré to broadcast TV, Cable, Satellite, or your VCR.

Press this button:	To view:
TV	Broadcast TV or VCR
CABLE	Cable TV
DSS	Satellite TV

How Do I Program My Kenwood LCD Remote for Entré?

You can use the remote included with your Kenwood Sovereign receiver to control Entré. If your receiver came with a PowerTouch® touch-screen controller, see page 18 of "How To Use and Enjoy Your Entré Entertainment Hub" for information.

If your receiver came with an LCD screen-learning remote, you need to program the remote to control Entré and teach the button commands from Entré's remote into the receiver's remote.
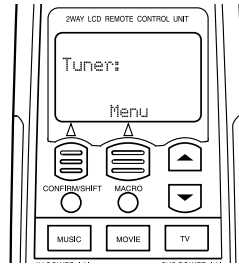
First you need to identify the LCD remote's TV2 input as the one with Entré connected to it (CD-R). See "Identifying the Remote's TV2 Input as the Entré Input" on page 13. Then you need to teach the button functions from the Entré remote into the receiver's remote. See "Teaching the Entré Remote Button Functions into the Receiver Remote" on page 14.
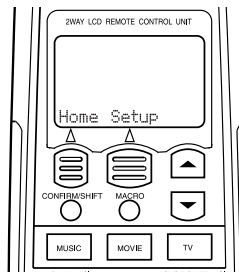
NOTE   For the best way to program your receiver remote so it maintains the functionality of the Entré remote, see "Using the Receiver Remote to Control Entré" on page 16.

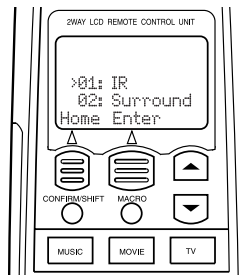## Identifying the Remote's TV2 Input as the Entré Input
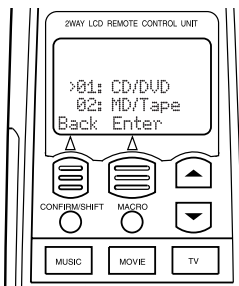
1. Press **TV**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

Tuner:

        Menu
```

2. Press **MENU**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

Home  Setup
```

3. Press **SETUP**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

>01: IR
 02: Surround
Home  Enter
```

4. Press **ENTER**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

>01: CD/DVD
 02: MD/Tape
Back  Enter
```

5. Press ⟱ repeatedly until the display shows:

```
2WAY LCD REMOTE CONTROL UNIT

 07: TV1
>08: TV2
Back  Enter
```

6. Press **ENTER**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

>13: Delete
 01: CD
Back  Enter
```

7. Press ⟱ repeatedly until the display shows:

```
2WAY LCD REMOTE CONTROL UNIT

 03: MD
>04: CD-R
Back  Enter
```

8. Press **ENTER**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

>Kenwood
 Philips
Back  Enter
```

9. Press **ENTER.** The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

>01: 0641
 02: Nothing
Back  Enter

CONFIRM/SHIFT   MACRO

MUSIC    MOVIE    TV
```

10. Press **ENTER.** The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

>01: IR
 02: Surround
Home  Setup

CONFIRM/SHIFT   MACRO

MUSIC    MOVIE    TV
```
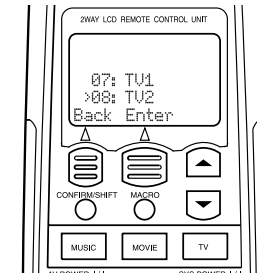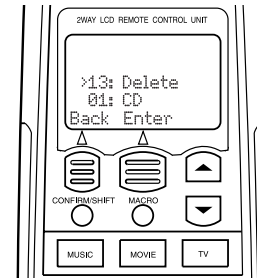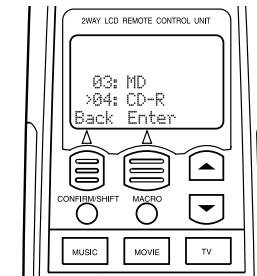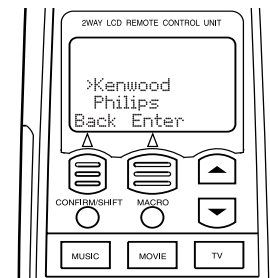
11. Press **HOME**. The display will show:

```
2WAY LCD REMOTE CONTROL UNIT

Tuner:

      Menu

CONFIRM/SHIFT   MACRO

MUSIC    MOVIE    TV
```
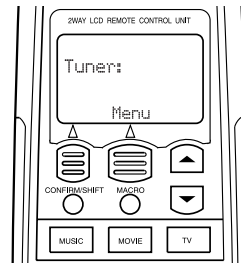
Teaching the Entré Remote Button Functions into the Receiver Remote

1. Place the Entré remote and the receiver remote on a table "head-to-head", about 4 inches apart:

4"
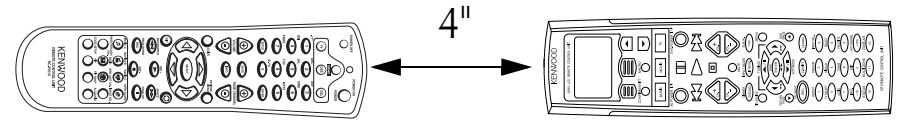
2. Press the TV button on the receiver remote. The display will show:

(If the display does not show this, repeat the steps in "Identifying the Remote's TV2 Input as the Entré Input" on page 13.)

```
KENWOOD

2WAY LCD REMOTE CONTROL UNIT

TV2:
CD-R
      Menu

CONFIRM/SHIFT   MACRO
```
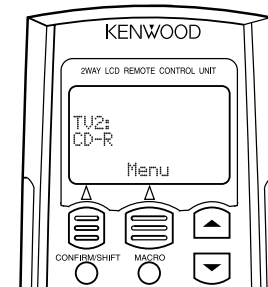
3. Press the **LEARN** button on the receiver remote. The display will show:

```
KENWOOD

2WAY LCD REMOTE CONTROL UNIT

>Extend1
 Extend2
Home  Enter

CONFIRM/SHIFT   MACRO
```
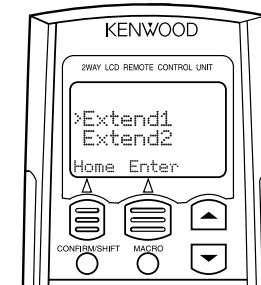
4. Press the button on the receiver remote you want to learn the new function onto. The display will show:

```
KENWOOD

2WAY LCD REMOTE CONTROL UNIT

Waiting

Clr  Exit

CONFIRM/SHIFT   MACRO
```
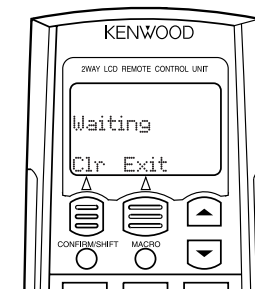
5. Within 5 seconds, hold down the button on the Entré remote that you want to learn onto the receiver remote, until the receiver remote's display shows:

If unsuccessful, the display will show:
Repeat steps 3-5.
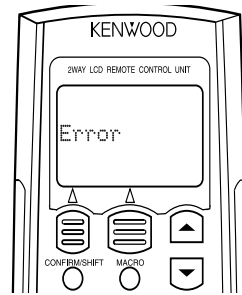
6. Repeat steps 3-5 for each function button you want to learn onto the receiver remote.

To maintain similarity of function between the two remotes, we suggest that you learn Entré functions onto the receiver remote according to the following diagrams:
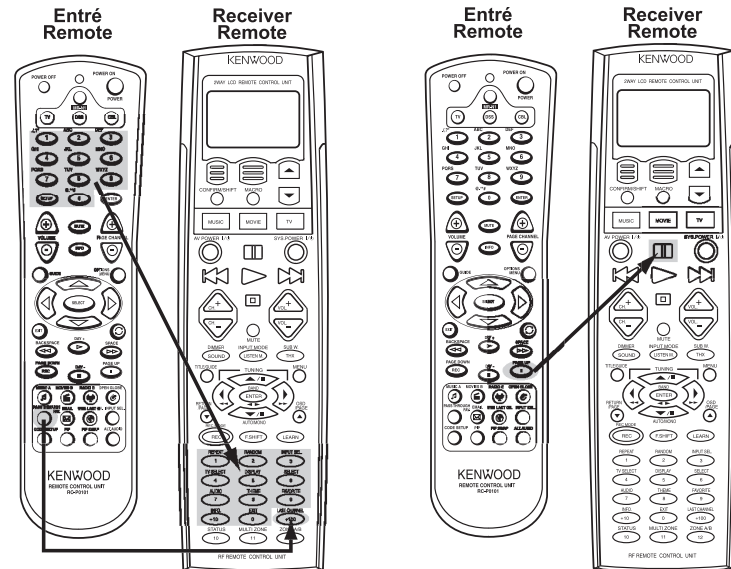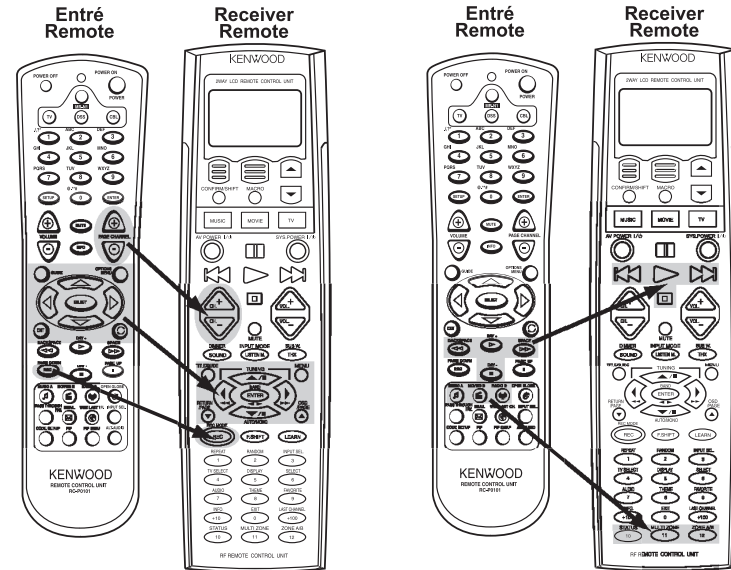
Using the Receiver Remote to Control Entré

1. Press the TV button on the receiver remote. The display will show:
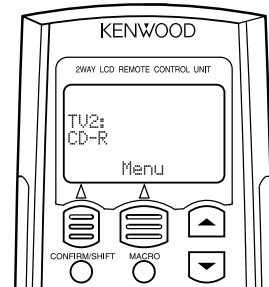
2. Use the buttons you programmed on the receiver remote to control Entré.

How Do I Connect My Entré to the Internet?

Finding Supported Internet Service Providers

You must have a compatible third-party Internet Service Provider (ISP) in order to use Entré to access the Internet. Because free ISPs, AOL, and CompuServe do not use standard methods of Internet connectivity, and do not open their networks to outside users, you cannot use these ISPs with Entré. If you do not currently have a supported ISP, during the setup process you will be given a phone number to call to set up an account with a supported ISP, or you can establish an account on your own with a supported ISP.

There are three different ways to establish a connection to the Internet:

• If you have a dialup ISP, connect the Input phone line to the phone jack labeled "Wall" on the back of Entré.

NOTE You can plug a telephone into the phone jack labeled "Phone" on the back of Entré.

CAUTION Use a minimum of No. 26 AWG wire for telephone cables.

• If you have either DSL or cable modem service, you will need to purchase an Ethernet adapter and connect Entré as shown below.

NOTE Entré supports the CATC NetMate Link (#U-ETH-NM02) Ethernet adapter, which is available from Kenwood via the Kenwood USA Web site at www.kenwoodusa.com. Go to the Kenwood Shop link to purchase an adapter, or check for an updated list of other supported adapters.

- If you have a HomePNA network, you will need to connect to Entré as shown below.

CAUTION

Use a minimum of No. 26 AWG wire for telephone cables.

Host Computer/
DSL or
Cable Modem

HPNA
Hub

Wall
Phone
Jack

Wall
Phone
Jack

To
Internet

Ethernet
Cable

Phone
Cable

Phone
Cable

How to Connect and Set Up Your Entré Entertainment Hub
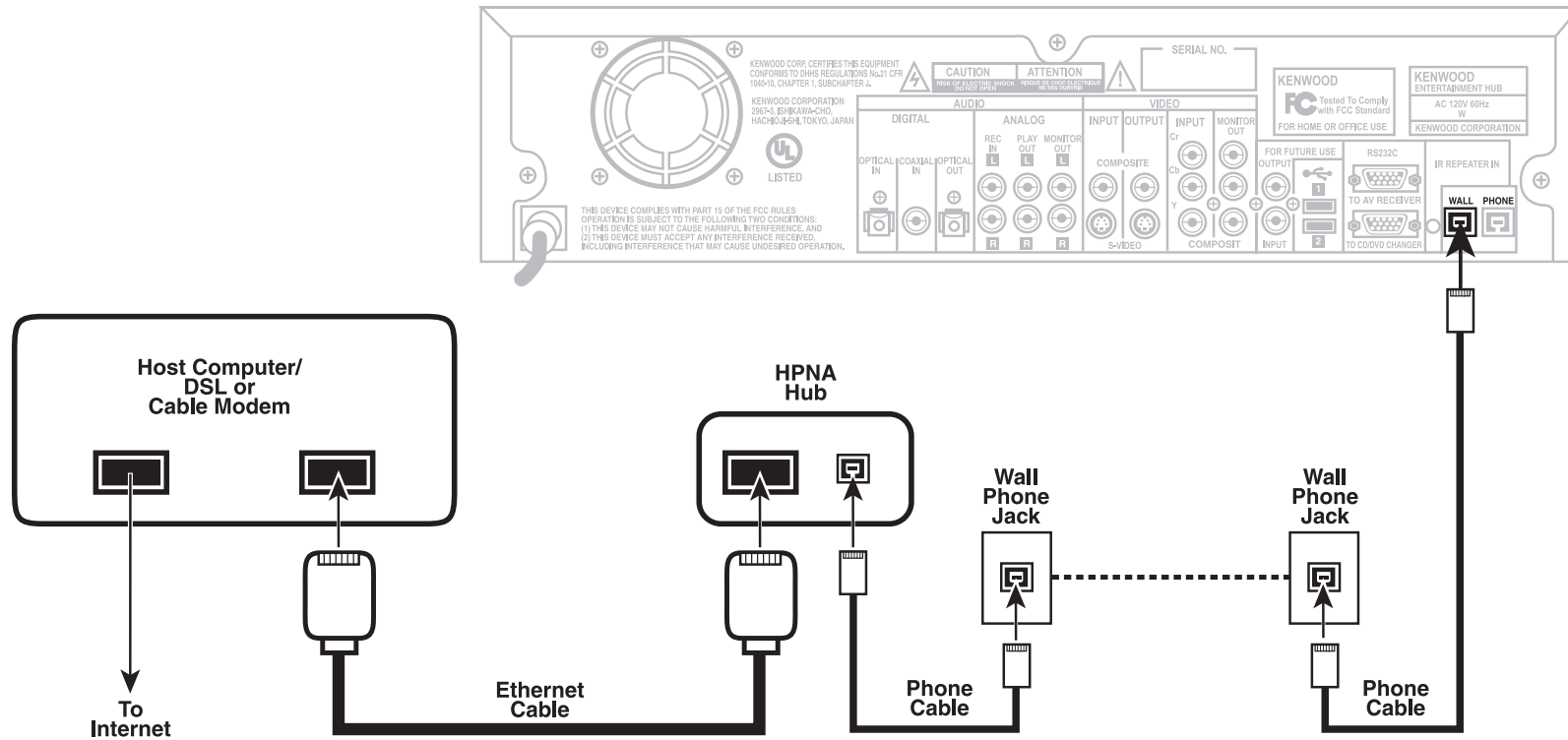
How Do I Power-Up Entré for the Very First Time?

After you have made all of the connections described earlier, plug Entré's power cord directly into a wall outlet that receives constant power.

Do not plug Entré into a receiver's switched accessory outlet or other outlet that does not receive constant power.

After you plug Entré's power cord into the wall outlet, its Standby indicator will flash. Wait for the indicator to stop flashing. Once the Standby indicator remains constantly lit, press the Power button to turn Entré on.

How Do I Configure Internet Setup?

Entré accesses the Internet through OpenGlobe, using its built-in modem, or your external DSL or cable modem box. OpenGlobe provides easy access to Entré's Internet resources, such as disc information databases, Internet radio, and CE-commerce opportunities. Whenever Entré accesses the Internet for information or CE-commerce, it does so via the OpenGlobe portal, at no cost to you. By connecting to the Internet, you enable important features in Entré, such as playing Internet radio, downloading movie or music information, and accessing new Entré software updates.

When you turn on Entré for the first time, you must complete a Quick Start setup process.

NOTE As part of the set-up process, it will require approximately 15 minutes for Entré to download Internet and AM/FM radio information from the Internet. If Entré is connected to a compatible Kenwood Sovereign DVD or CD changer, it can also require up to 4 hours to download the disc and title information if the changer is full. During the entire set-up process, Entré requires a constant Internet connection. Please plan accordingly if you use a dial-up connection.

The very first time you turn on Entré, the following introduction screen appears on your TV:

1. Press [SELECT] to continue. The first Quick Start screen appears:

The first screen contains some basic navigation instructions to help you complete the Quick Start process.

Each Quick Start screen contains a few common elements:

The following table explains what each screen element does:

This screen element:	Does this:
help	Opens a help topic to assist you with the screen you're on.
(progress bar)	Shows you how much of the Quick Start setup you've completed.
back	Takes you to the previous screen.
next	Takes you to the next screen.

2. Press ⬭ to move to the next Quick Start screen.

The Quick Start - Internet screen appears:

3. If you have a supported ISP (see page 17), press ⬭, and go to step 4.

   If you do not have a supported ISP, navigate to the **No** button on the screen and press ⬭.

   The Internet Service Provider Setup screen appears:

How Do I Configure Internet Setup?

⚠ CAUTION — You must have an ISP to enjoy Entré. To obtain an ISP, call the toll-free number on the screen, then press ⬭SELECT to continue with setup.

Once you register with an ISP, the Quick Start - Network Access screen appears:
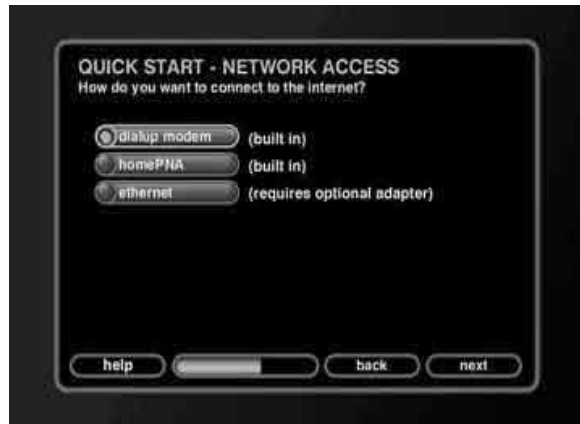
4. Choose the type of Internet access you have and press ⬭SELECT.

Depending on your Internet connection, the Quick Start setup process will vary. For information about continuing Quick Start with:

• A dialup modem, see this page.
• A HomePNA connection, see page 23.
• An Ethernet connection, see page 25.

Continuing Quick Start with a Dialup Modem

When you select a dialup modem, Entré automatically checks for a dial tone on the connected line. Once it finds a dial tone, the Quick Start - Dialup ISP screen appears:

If Entré does not detect a dial tone, ensure that Entré is properly connected to your phone line, then press ⬭SELECT to return to the Quick Start process.

1. Highlight **next** if you have a supported ISP.
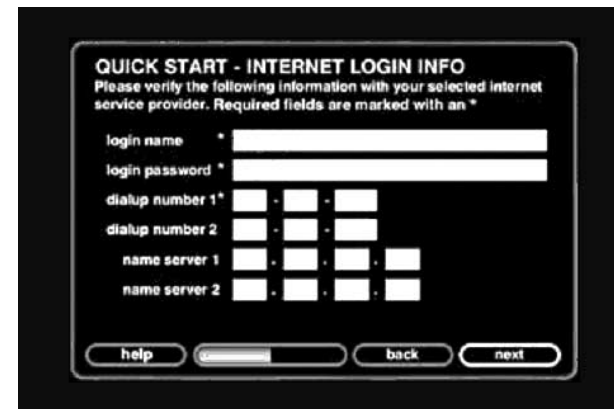
♪ NOTE — If you use AOL, Compuserve, or a free ISP, highlight **more information** and press ⬭SELECT. Press ⬭SELECT again to continue setup.

2. Enter the login name, password, and dialup number(s) for your dialup service account.

NOTE The *login name*, *login password,* and *dialup number 1* fields are all required.

NOTE Some ISPs require that you type your entire e-mail address, (for example, "jsmith@isp.net"), as opposed to just your username ("jsmith").

NOTE When you enter a password in the *login password* field, the characters will appear as entered. However, once you move past that field, each character will appear as an asterisk.

NOTE If your ISP connection is a local call, leave the Area Code field of the phone number empty.

When you have completed the information, press (SELECT). The Quick Start - Dialing Preferences screen appears:

3. Enter any Internet connection dialing preferences. For example, if you need to dial 9 to get an outside line, you would need to enter **9** in the "dialing

prefix" field. When you have completed the information, press (SELECT). The Quick Start - Zip Code screen appears:
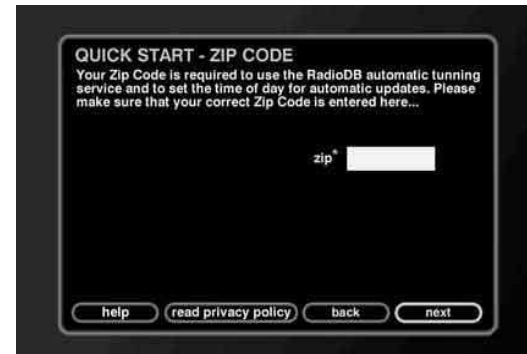
4. Enter your Zip Code in the field. To complete setup, press (SELECT). Entré will automatically install Internet radio stations and download information about FM/AM radio stations based on the Zip Code you entered. When Entré is finished, the following screen will appear:
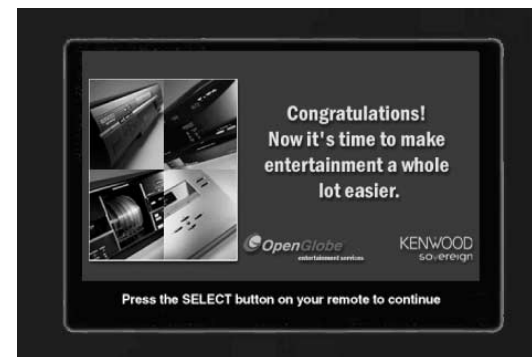
Press (SELECT) to begin enjoying Entré.

Continuing Quick Start with a HomePNA Connection

A Home Phone Network Alliance (HomePNA) connection allows you to use your phone line as if it were a mini-computer network in your home—without tying up a phone line. Once you connect your computer to a HomePNA

adapter, you can plug Entré into a phone line and access your computer's Internet connection anywhere in the house.

If you have a HomePNA connection, Entré automatically checks for a connected HomePNA network before continuing the Quick Start setup. Once it finds the network, the Quick Start - IP Addressing screen appears:
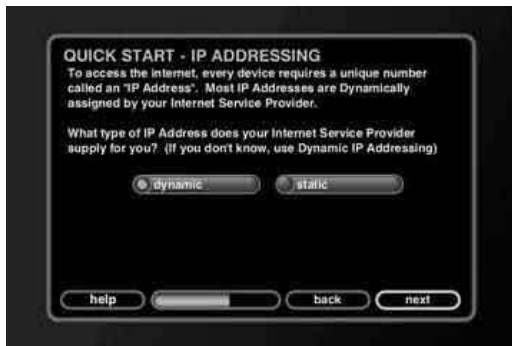
♫NOTE If there is no connected network detected, check your HomePNA connections. Once the problem is resolved, press SELECT to return to the Quick Start process.

Specify from this screen whether your network uses a dynamic or static IP address.

When your network uses a *static IP address*, it always connects Entré to the Internet using the same IP address. Every Internet-connected device in your home (your computer, for example) uses a different IP address. The advantage of this method is that you can be certain which IP address Entré uses. However, you must keep track of which IP addresses you assign when adding new devices.

When your network uses *dynamic IP addresses,* it uses a range of addresses to connect Entré to the Internet. Each Internet-connected device in your home will also connect using that range of addresses. The advantage to dynamic IP addressing is that you don't have to remember which IP addresses you've assigned. However, you must ensure that you have enough addresses to support all of your devices.

If you're not sure what type of IP address your network uses, select Dynamic.

If your Internet connection uses a *dynamic IP address*, press SELECT. The Quick Start -Zip Code screen appears. Enter your Zip Code in the field. To complete setup, press SELECT. Entré will automatically install Internet radio stations and download information about FM/AM radio stations. When Entré is finished, the following screen will appear:
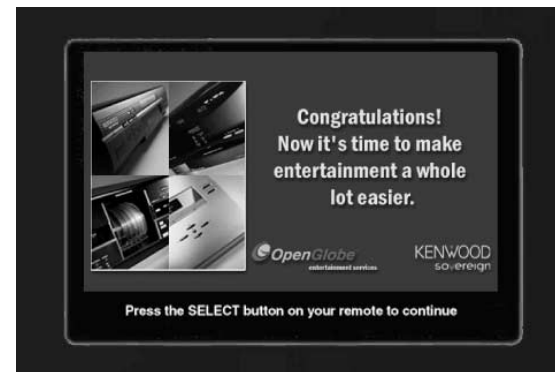
Press SELECT to begin enjoying Entré.

If your Internet connection uses a *static* IP address, move to the **Static** button on the screen and press SELECT. The Quick Start - Static IP Info screen appears:

Enter the IP address information provided by your ISP or network administrator.

NOTE The "IP address", "subnet mask", gateway address", and "DNS 1" fields are required.

Press ⬭SELECT⬭. The Quick Start - Zip Code screen appears:

QUICK START - ZIP CODE
Your Zip Code is required to use the RadioDB automatic tunning service and to set the time of day for automatic updates. Please make sure that your correct Zip Code is entered here...

zip*

help   read privacy policy   back   next

Enter your Zip Code in the field. To complete setup, press ⬭SELECT⬭. Entré will automatically install Internet radio stations and download information about FM/AM radio stations. When Entré is finished, the following screen will appear:

Congratulations!
Now it's time to make entertainment a whole lot easier.

OpenGlobe
entertainment services

KENWOOD
sovereign

Press the SELECT button on your remote to continue
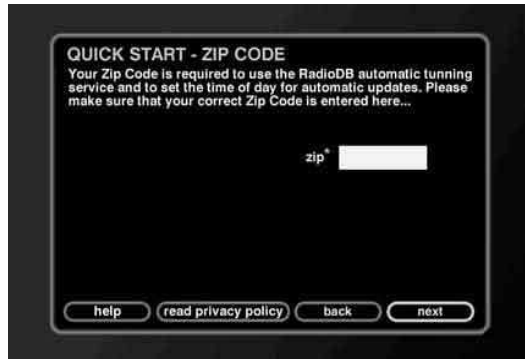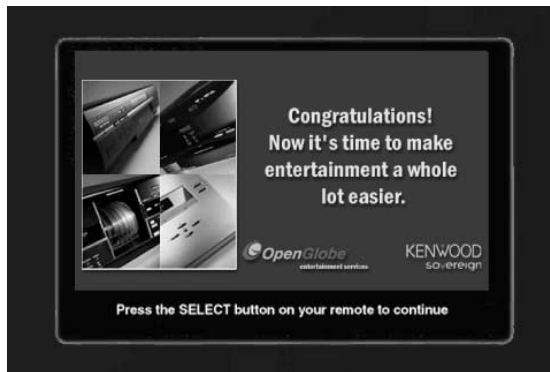
Press ⬭SELECT⬭ to begin enjoying Entré. If the connection is not successful, see page 27.

Continuing Quick Start with an Ethernet Connection

If you have an Ethernet connection (DSL, cable modem, or LAN), Entré automatically checks for a USB-to-Ethernet adapter before continuing. Once it finds the adapter, the Quick Start - IP Addressing screen appears:

QUICK START - IP ADDRESSING
To access the internet, every device requires a unique number called an "IP Address". Most IP Addresses are Dynamically assigned by your Internet Service Provider.

What type of IP Address does your Internet Service Provider supply for you? (If you don't know, use Dynamic IP Addressing)

dynamic   static

help   back   next

NOTE If there is no connected network detected, you must purchase a USB-to-Ethernet adapter in order to connect to the Internet with Entré. One compatible adapter is the CATC NetMate Link (#U-ETH-NM02), which is available from Kenwood via the Kenwood USA Web site at www.kenwoodusa.com. Go to the Kenwood Shop link to purchase an adapter. For a list of other compatible adapters, see the Kenwood USA Web site. Once you have connected the adapter, press ⬭SELECT⬭ to return to the Quick Start process.
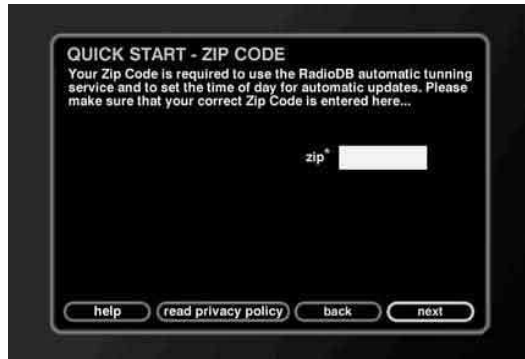
When your network uses a *static IP address*, it always connects Entré to the Internet using the same IP address. Every Internet-connected device in your home (your computer, for example) uses a unique IP address. The advantage of this method is that you can be certain which IP address Entré uses. However, you must keep track of which IP addresses you assign when adding new devices.

When your network uses *dynamic IP addresses,* it uses a range of addresses to connect Entré to the Internet. Each Internet-connected device in your home will also connect using that range of addresses. The advantage to dynamic IP addressing is that you don't have to remember which IP addresses you've assigned. However, you must ensure that you have enough addresses to support all of your devices.

How Do I Configure Internet Setup?

If you're not sure what type of IP address your network uses, select Dynamic.

If your home Ethernet network uses a *dynamic IP address*, press (SELECT). The Quick Start - Zip Code screen appears:

Enter your Zip Code in the field. To complete setup, press (SELECT). Entré will automatically install Internet radio stations and download information about FM/AM radio stations. When Entré is finished, the following screen will appear:
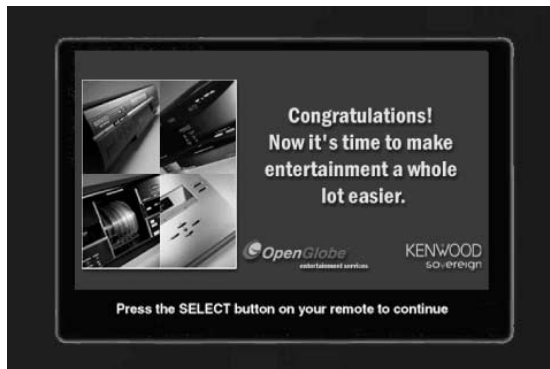
Press (SELECT) to begin enjoying Entré.

If your Ethernet network uses a *static IP address*, move to the **Static** button on the screen and press (SELECT). The Quick Start - Static IP Info screen appears:

Enter the IP address information provided by your ISP or network administrator.

NOTE The "IP address", "subnet mask", "gateway address", and "DNS 1" fields are required.

Press (SELECT). The Quick Start - Zip Code screen appears:

Enter your Zip Code in the field. To complete setup, press ⬭SELECT. Entré will automatically install Internet radio stations and download information about FM/AM radio stations. When Entré is finished, the following screen will appear:
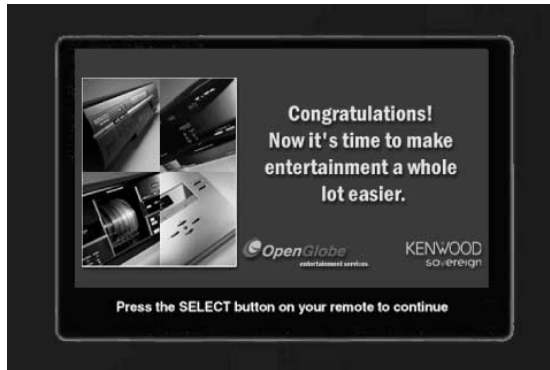
Press ⬭SELECT to begin enjoying Entré.

🎵NOTE After you complete Quick Start, and you've begun using Entré, you can still change any Internet configurations or your User Profile from Entré Setup. Press ⬭SETUP to access Entré Setup.

If the connection is not successful, or you cancel the connection:

A screen appears, prompting you to do one of the following:

• *Return to the Quick Start process* to change the information entered. Select the **next** button on the screen.

• *Retry the connection.* Select the **retry** button on the screen.

• *Cancel the connection* and use Entré without connecting to the Internet. Select the **cancel** button on the screen.

🎵NOTE If you cancel the connection at this point, you will not be able to access many of Entré's features, which include: downloading CD or DVD information, connecting to Internet radio stations, or automatically updating Entré. However, you can reconnect to the Internet later, enabling those options. After you complete Quick Start, and you've begun using Entré,

you can still change any Internet configurations or your User Profile from Entré Setup. Press ⬭SETUP to access Entré Setup.

🎵NOTE If you have trouble connecting to the Internet, see "How Do I Solve Internet Connection Problems?" on page 134 of "How to Use and Enjoy Your Entré Entertainment Hub" for Internet troubleshooting tips.

How Do I Configure Entré's Setup Menus?

After configuring Entré for the Internet, it is ready to use. However, Entré has many settings and functions that make it more flexible and enhance its capabilities. These options are accessed via the Setup menu:

Press ⬭SETUP⬭ to access the Setup Menu. To exit the Setup mode at any time, press ⬭SETUP⬭ again.

Entering User Information

Zip Code: You already entered this information during the Internet Setup process. If you move, enter your new Zip Code here.

Time Zone: Entré automatically establishes your Time Zone based on the Zip Code you enter during the Quick Start process. If you move, you may need to change your Time Zone here.

Remote Administration: Allows you to use the Internet and a PC to manually modify the library of your Entré's disk information that is stored in a secure area on the OpenGlobe Web site. You can perform these modifications remotely at any time and later use Entré's Web Sync function to transfer the modified information into your Entré. (See Web Sync, in Utilities on page 29, for more information.)

1. Point your Web browser to http://www.openglobe.net/kenwood
2. Enter the login number and password shown on Entré's Remote Administration screen
3. Follow the instructions on the screen

Privacy Policy: This is the Kenwood and OpenGlobe privacy policy.

Entering Internet Configuration Information

You have already entered this information during the Internet Setup process. If you change your Internet access (new ISP, upgrade to DSL, etc.), you need to return to this screen and update this information.

Entering Preferences

Music Recording Preferences: You can choose from different bit rates for MP3 music encoding. For more information, see "Recording from a CD to Entré's Storage System" on page 67 of "How to Use and Enjoy Your Entré Entertainment Hub".

Screen Saver Preferences: Select the amount of time Entré must be inactive before its screen saver activates.

Nightly Update Preferences: On the first day it is operational, then once a week thereafter, Entré will automatically check the OpenGlobe server for software updates, and if any are available, Entré will automatically install the update in itself. Use this screen to have Entré look for the upgrades during the time period that it will least likely be in use.

Entering Audio and Video Settings

Audio Input Selection: Tell Entré what type of component is connected to each of its audio inputs: analog, optical digital, and coaxial digital. Press ⬭SELECT⬭ until the type of component connected to the input is displayed, then use ◁ ▷ to move to the next input.

Screen Centering: Use to center the image on your TV screen.

Brightness, Contrast, and Sharpness: Use the test images on these screens to easily adjust your TV controls to achieve the best picture possible.

Color Bars: Use this test pattern to easily adjust your TV's color and tint controls.

Entering Changer Management Information

Quick Lookup: You can have Entré check the connected changer to see if any discs have been added or removed, and get disc information for any that have.

Lookup Range: You can have Entré get disc information for a specific range of discs in a connected changer.

Lookup All: You can have Entré get disc information for all discs in a connected changer. (With a full changer, this can take between 3 and 4 hours if you have a dial-up Internet connection and it will be continuously on during this period.)

Changer Statistics: You can have Entré give you information about how many and what types of discs are in a connected changer, and how many have unknown disc information.

Entering Security and Parental Controls

Password Protection: Set up a numeric password to access the Setup Menu.

Movie Ratings: You can have Entré hide all movies above the rating you choose. For example, if you decide to hide all movies with a rating above PG-13, an R-rated DVD in your changer will not show up on the Movie Guide screen. (This will not block direct access to discs from the changer's controls.) See your DVD player's instruction manual for information about its ratings feature.

Entering Utilities Information

Web Sync: Uploads modifications to your music library information to a secure area on the OpenGlobe Web site, and downloads that modified information into your Entré. (See Remote Administration, in User Information on page 28, for more information.)

Update Software: You can have Entré search the OpenGlobe server and download the latest software updates. Entré will also automatically do this once a week. (See Nightly Update Preferences, in Preferences, for more information.)

Restore Factory Defaults: Use this selection to restore Entré's system to its factory defaults.

CAUTION This function deletes all of the music files you have stored on Entré's high-capacity music storage system, and should be used only if Entré suffers a serious operational failure. We recommend that you back up your music files periodically on CD-Rs. For more information on making backup CD-Rs, see "Recording a Mix of MP3 Tracks from the Music Storage System onto a CD-R or CD-RW" on page 70.

Appendix A: Program Codes

Setup Codes for Cable Converters

A
ABC 0003, 0008
0014, 0017
0007, 0011
0013, 0001
0033

Allegro 0153, 0315

Americast 0899

Antronix 0022, 0207

Archer 0153, 0797
0022, 0207
0039

B
BBT 0267

Belcor 0056

Bell & Howell 0014

Bell South 0899

C
Cable Star 0056

Cabletenna 0022

Cableview 0022

Century 0153

Citizen 0153, 0315

Colour Voice 0025, 0031

Comband 0232

Comtronics 0040, 0060

Contec 0019

D
Digi 0637

E
Eastern 0002

Emerson 0797

Everquest 0015, 0040

F
Focus 0400

G
GC Electronics 0056, 0207
0016

GE 0232

Garrard 0153

Gemini 0015, 0797
0070, 0242

General Instrument 0476, 0810,
0276, 0011

GoldStar 0144, 0040

Goodmind 0797, 0770

H, I
Hamlin 0020, 0259
0009, 0034
0273

Hitachi 0011

Hytex 0007

J
Jasco 0015, 0153
0315

Jerrold 0003, 0476
0012, 0810
0276, 0014
0015, 0011
0024

L
Linsay 0440

M
Macom 0033

Magnavox 0027

Memorex 0000

Motorola 1106

Movie Time 0063, 0156

N
NSC 0063, 0156
0070

Nexus 0770

Novaplex 0618

O
Oak 0019, 0007

Optimus 0021

P
Panasonic 0000, 0107
0021

Panther 0637

Paragon 0000

Philips 0305, 0317
0153, 0025
0031, 0027
0242, 0290
0028, 0029
0030

Pioneer 0144, 0877
0533, 0023
0260

Pioneer 0533

Popular Mechanics 0400

Prelude 0770

Pulsar 0000

Q
Quasar 0000

R
RCA 0021

Radio Shack 0015, 0315,
0797, 0883

Realistic 0207

Recoton 0400

Regal 0020, 0259
0273

Regency 0002

Rembrandt................... 0011, 0070

Runco 0000

S
SL Marx 0040

Samsung 0144, 0040

Scientific Atlanta 0008, 0477
0877, 0017
0006

Seam 0510

Signal 0015, 0040

Signature..................... 0011

Sprucer 0021

StarSight...................... 0422, 0542

Starcom 0003, 0015

Stargate....................... 0015, 0040
0797, 0770

Starquest..................... 0015

Sylvania 0001

T
TFC............................. 0310

TV86........................... 0063

Tandy.......................... 0258

TeleCaption................. 0221

Teleview...................... 0040

Texscan 0001

Timeless...................... 0418

Tocom 0012, 0013

Toshiba 0000

Tusa 0015

U
Unika.......................... 0153, 0022
0207

United Artists 0007

Universal 0153, 0191
0022, 0056
0207, 0039
0077

V
Viewstar...................... 0063, 0258
0027, 0060

W - Z
Zenith......................... 0525, 0000
0899, 0054

Zentek 0400

Setup Codes for Satellite Receivers

A
AlphaStar 0772

B, C
Chaparral..................... 0216, 0053

D, E
Echostar....................... 0775, 1005
0280, 0269
0159

Expressvu..................... 0775

F, G
General Instrument 0361, 0627
0869

H
HTS 0775

Hitachi......................... 0819

Homecable.................. 0238

Hughes Network Systems 0749

I
IQ................................ 0210

IQ Prism 0210

J, K
JVC 0775

Janeil 0152

Jerrold 0361, 0627

L
Legend 0269

M
Magnavox.................... 0724, 0722

Memorex..................... 0724, 0269

N, O
Next Level 0869

P, Q
Panasonic 0701, 0152

Philips.......................... 0724, 0722
1076

Primestar 0361, 0627

R
RCA............................. 0566, 0143
0855, 0392

Radio Shack................. 0869

Realistic 0052

S
STS 0210

Samsung...................... 1109

Sony 0639

Star Choice 0869

Star Trak 0180

T
Toshiba 0749, 0790
0082

U

Uniden 0724, 0722
0052, 0238
0074, 0076

V - Z

Zenith 0856

Setup Codes for TVs

A

A-Mark 0003

AOC 0030, 0019
0185, 0003
0052, 0137

Abex 0032

Admiral 0093, 0463

Adventura 0046

Aiko 0092

Akai 0030

Alaron 0179, 0183

Ambassador 0177

America Action 0180

Ampro 0751

Anam 0180, 0068
0004

Anam National 0055

Archer 0003

Audiovox 0451, 0180
0623, 0092
0003

B

Baysonic 0180

Belcor 0019

Bell & Howell 0154, 0016

Bradford 0180

Brockwood 0019

Brooksonic 0236, 0463
0003

C

CCE 0217, 0329

CXC 0180

Candle 0030, 0056
0046, 0186

Carnivale 0030

Carver 0054

Celebrity 0000

Cineral 0451, 0092

Citizen 0060, 0030
0056, 0092
0039, 0280
0046, 0186

Clairtone 0185

Concerto 0056

Contec 0180, 0185
0157, 0158

Craig 0180

Crosley 0054

Crown 0180, 0039

Curtis Mathes 0047, 0747
1147, 1347
0054, 0154
0051, 0451
0093, 0060
0030, 0056
0145, 0016
0166, 0466
0039

D

Daewoo 0451, 0019
0623, 0624
0092, 0039
0091

Daytron 0019

Denon 0145

Dumont 0017, 0019

Dwin 0720, 0774

E

Electroband 0000, 0185

Electrohome 0381, 0389
0409

Emerson 0154, 0236
0463, 0180
0178, 0179
0019, 0623
0624, 0177
0185, 0282
0039, 0280
0038, 0158
0183, 0182

Envision 0030

F

Fisher 0154, 0159

Fujitsu 0179, 0683

Funai 0180, 0179
0171

Futuretech 0180

G

GE 0047, 0747
1147, 1347
0051, 0451
0093, 0178
0021, 0055
0282, 0135
0027, 0279
0029, 0174

Gibralter 0017, 0030
0019

GoldStar 0030, 0178
0056, 0019
0032, 0001
0409, 0106
0002

Gradiente 0053, 0056
0392

Grunpy 0180, 0179

H

Hallmark 0178

Harley Davidson 0179

Harman/Kardon 0054, 0078

Harvard 0180, 0068

Hitachi 0056, 0145
0016, 0151
0032, 0038
0279, 0413
0409

I

Infinity 0054

Inteq 0017

J

JBL 0054

JCB 0000

JVC 0053, 0182
0160

Janeil 0046

K

KEC 0180

KMC 0106

KTV 0180, 0030
0185, 0039
0280, 0217
0183

Kawasho 0158

Kaypani 0052

Kenwood 0030, 0019

Kloss 0046, 0024
0078

Konka 0707, 0628
0632, 0638
0703

L

LG 0056

LXI 0047, 0747
0054, 0154
0156, 0178
0148

Logik 0016

Luxman 0056

M

MEI 0185

MGA 0150, 0030
0178, 0019

MTC 0060, 0030
0056, 0019
0185, 0091

Magnavox 0054, 1254
0030, 0179
0187, 0096
0020, 0186
0386, 0024
0028

Majestic 0016, 0015

Marantz 0054, 0030

Matsushita 0250

Megatron 0178, 0145
0003

Memorex 0154, 0250
0463, 0150
0178, 0179
0056, 0016
0106

Midland 0047, 0747
0017, 0051
0135, 0039
0032

Minutz 0021

Mitsubishi 0093, 0150
0178, 0019

Motorola 0093, 0055

Multitech 0180, 0217

N

NAD 0156, 0178
0166

NEC 0030, 0056
0019, 0497

NTC 0092

Nikko 0030, 0178
0092

Noblex 0430

Noshi 0018

O

Onwa 0180

Optimus 0154, 0250
0166

Optonica 0093, 0165

Orion 0236, 0463
0179

P

Panasonic 0051, 0250
0055, 0226

Penney.........................0047, 0747
                              1347, 0156
                              0051, 0060
                              0030, 0178
                              0021, 0056
                              0019, 0018
                              0135, 0039
                              0003, 0027
                              0032, 0002

Philco 0054, 0463
                              0030, 0145
                              0019, 0096
                              0020, 0028

Philips.........................0054

Pilot 0030, 0019
                              0039

Pioneer 0166, 0679
                              0038

Portland 0019, 0092
                              0039

Princeton 0717

Prism 0051

Proscan.......................0047, 0747

Proton.........................0178, 0466
                              0003, 0052

Pulsar..........................0017, 0019

Q
Quasar.........................0051, 0250,
                              0055, 0165

R
RCA............................0047, 0747
                              1047, 1147
                              1247, 1347
                              1447, 0090
                              0051, 0093
                              0019, 0679
                              0018, 0135
                              0038, 0029
                              0174, 0278

Radio Shack................0047, 0747
                              0154, 0180
                              0030, 0178
                              0056, 0019
                              0165, 0039
                              0032, 0409

Realistic 0154, 0180
                              0030, 0178
                              0056, 0019
                              0165, 0039
                              0032

Rhapsody.....................0185, 0183

Runco 0017, 0030
                              0603, 0497

S
SSS 0180, 0019

Sampo 0030, 0039
                              0052, 0032

Samsung 0060, 0030
                              0178, 0056
                              0019, 0032
                              0329, 0427
                              0482

Samsux 0039

Sansei 0451

Sansui 0463

Sanyo 0154, 0159
                              0146, 0484

Scimitsu 0019

Scotch 0178

Scott 0236, 0180
                              0178, 0179
                              0019

Sears...........................0047, 0747
                              0054, 0154
                              0156, 0178
                              0179, 0056
                              0171, 0159
                              0146, 0015
                              0148

Semivox.......................0180

Semp 0156

Sharp...........................0093, 0688
                              0165, 0039
                              0386, 0157

Shogun 0019

Signature 0016

Simpson......................0187, 0186

Sony 0000, 0080
                              0111, 0011

Soundesign 0180, 0178
                              0179, 0186

Spectricon 0003, 0137

Squareview..................0171

Starlite 0180

Supre-Macy 0046

Supreme......................0000

Sylvania 0054, 0030
                              0096, 0020
                              0381, 0028

Symphonic 0171

T
TMK 0178, 0056
                              0177

TNCi............................0017

Tandy 0093

Tatung 0055, 0003

Technics......................0051, 0250

Technol Ace................0179

Techwood....................0051, 0056
                              0003

Teknika........................0054, 0180
                              0150, 0060
                              0179, 0056
                              0019, 0016
                              0092, 0039
                              0186, 0312

Telefunken...................0056

Toshiba 0154, 0156
                              0060

Toshiba 1256

Tosonic 0185

Totevision 0039

Trical...........................0157

U

Universal......................0027

V

Vector Research 0030

Victor............................0053

Vidikron......................0054, 0242

Vidtech 0178, 0019

Viking 0046, 0312

W, X

Wards 0054, 0030
0178, 0021
0179, 0056
0019, 0016

0165, 0096
0020, 0080
0027, 0111
0028, 0029
0174

White Westinghouse 0463, 0623
0624

Y

Yamaha.........................0030, 0019

Z

Zenith...........................0017, 0463
0624, 0016
0092

Zonda...........................0003

Appendix B: Specifications

Audio

Frequency Response: 20Hz – 20kHz ±0.5dB

THD: <0.003% (1kHz)

Signal-to-Noise Ratio: 100dB

Channel Separation: 95dB (1kHz)

Input Impedance: 47 kohms

Output Impedance: 200 ohms

Video

Bandwidth (pass-through): 45MHz (Component), 6.5MHz (Composite)

Drive

CD-ROM Read Speed: 24X

CD-R Write Speed: 10X

CD-RW Write Speed: 4X

Dimensions and Weight

Width: 17-5/16″

Height: 4-1/2″

Depth: 11-1/2″

Weight: 14.3 lb.

How to Connect and Set Up Your Entré Entertainment Hub

Index