Listen to the Future

Kenwood has always connected with people through sound.
Now we want to expand the world of sound in ways that only Kenwood can,
listening to our customers and to the pulse of the coming age
as we head toward a future of shared discovery,
inspiration and enjoyment.

Kenwood U.S.A. Corporation

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KENWOOD

Listen to the Future

HOME ENTERTAINMENT 2005
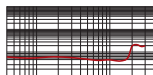
Networking comes home

Kenwood
Networking

Welcome to tomorrow's world of entertainment. The Kenwood Fineline™ Networked Home Theater System merges computer entertainment with home theater for a new level of performance. Thanks to an Ethernet connection and a PCMCIA card slot, you can enjoy audio, video and still picture file entertainment on your home theater system. Finding and playing computer audio and video files is easier than ever with on-screen GUI operation, and Kenwood's cutting- edge technology delivers clarity, power and presence that result in a truly unforgettable home theater experience. Innovations such as the receiver's PurePath Digital™ power amplification, high-resolution digital volume control, and pure digital signal line assure that music and movie soundtracks are reproduced with exceptional detail and "being there" realism. What's more, since left, right, center and surround speakers share the same drivers, you're in the center of seamless, enveloping sound when watching films or playing video games. And for even more excitement, a powered subwoofer provides stunning special effects for maximum impact.
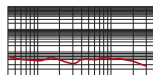
Rear-panel ethernet port brings files from your PC into your home theater. A PCMCIA card slot lets you play audio files from portable players and pictures from digital cameras.
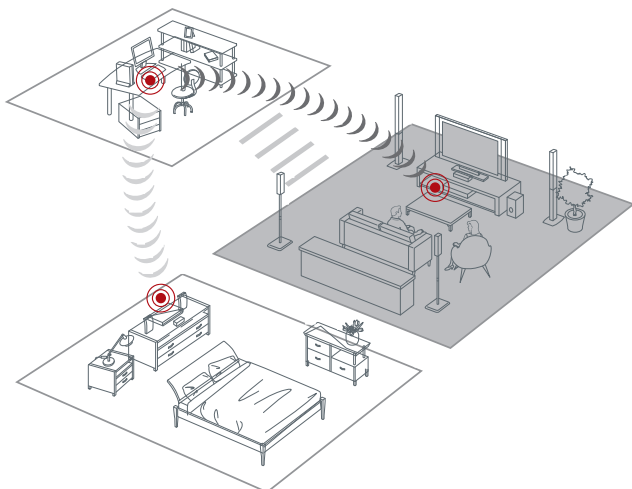
The GUI operation screen seamlesly intergrates your computer with your home theater.

Conventional digital power amplifier THD+N, showing increased high-frequency distortion.

Kenwood Pure Path Digital™ power amplifier THD+N, showing reduced high-frequency distortion. The GUI operation screen seamlessly integrates your computer with your home theater.

HTB-N815DV Kenwood Fineline Networked Home Theater System

▪Plays audio, video, and picture files from your PC via Ethernet connection ▪Plays still picture files from media cards via a PCMCIA card slot ▪PurePath Digital™ power amplifier and high-resolution digital volume control ▪32-Bit floating-point SHARC, Processor by Analog Devices ▪Dolby Digital EX, DTS-ES, DTS 96/24 and Dolby Pro Logic IIx surround sound ▪Rigid chassis construction ▪Includes tower left & right speakers with 4 woofers, matching center speaker, 3 surround speakers and a powered subwoofer ▪Includes single-disc DVD player with progressive scan video output

new experience
tainment

Fineline™

HTB-N810DV **Kenwood Fineline Networked Home Theater System**

▪Plays audio, video, and picture files from your PC via Ethernet connection ▪Plays still picture files from media cards via a PCMCIA card slot ▪PurePath Digital™ power amplifier and high-resolution digital volume control ▪32-Bit floating-point SHARC Processor by Analog Devices ▪Dolby Digital EX, DTS-ES, DTS 96/24 and Dolby Pro Logic IIx surround sound ▪Rigid chassis construction ▪Includes left & right speakers with tabletop stands, matching center speaker, 3 surround speakers and a powered subwoofer ▪Includes single-disc DVD player with progressive scan video output
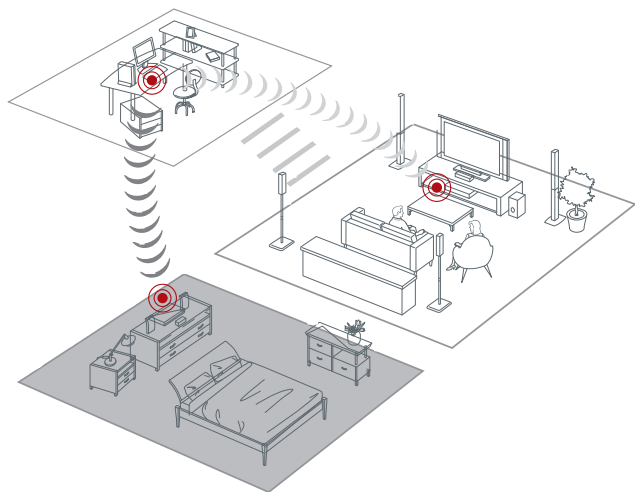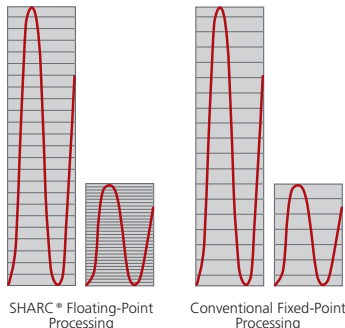
Experience
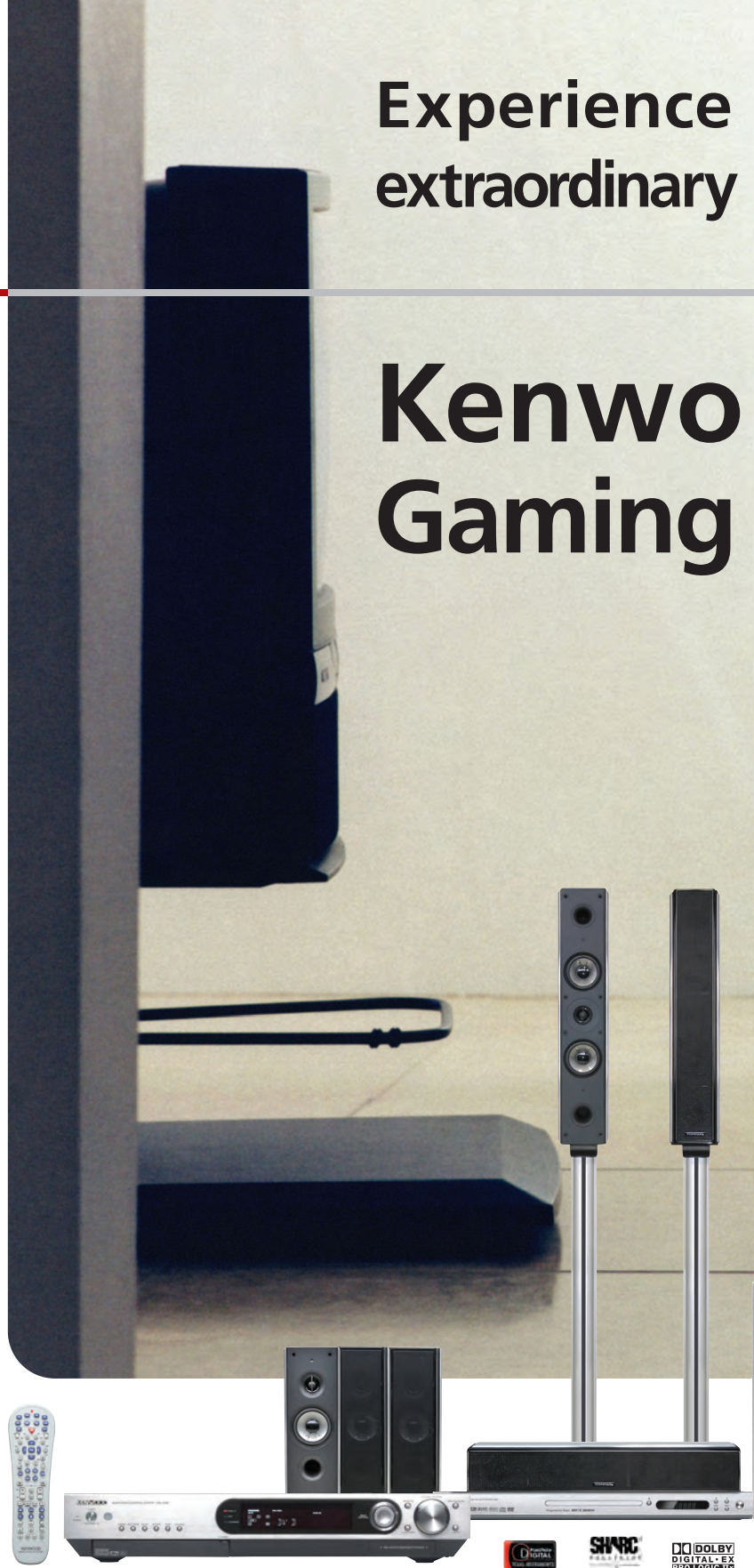### extraordinary

Kenwo
Gaming

Welcome to tomorrow's world of gaming fun. Let the advanced audio technology in Kenwood Fineline Gaming Home Theater Systems put you right in the center of the action. For maximum clarity and detail, there's SHARC® 32-Bit DSP processing, PurePath Digital™ power amplification and our high-resolution digital volume control. Plus Dolby® Digital EX, DTS-ES® and Dolby Pro Logic IIx surround sound processing deliver thrilling 6.1-channel surround sound. Motor racing? Skiing down a mountain? In outer space? Whatever the game, with Kenwood Fineline Gaming Home Theater's matched left, right, center, and surround speakers and powered subwoofer, you'll feel as though you're really there. There's also the convenience of Kenwood's dedicated features. Plug into the game input and the receiver automatically selects the game and appropriate surround sound processing for you. Use dual-source operation to provide music through the speakers while you play games and listen to sound through headphones.

The other good news is that even with regular stereo headphones, Dolby Headphone lets you enjoy a 5.1-channel surround effect for awesome gaming realism.

SHARC ® Floating-Point Processing

Conventional Fixed-Point Processing

HTB-S725DV — Kenwood Fineline Gaming Home Theater System

▪Front-panel game audio & video inputs with automatic source & surround mode selection ▪Dual-source/single-zone operation ▪PurePath Digital™ power amplifier and high-resolution digital volume control ▪32-Bit floating-point SHARC Processor by Analog Devices ▪Dolby Digital EX, DTS-ES, DTS 96/24 and Dolby Pro Logic IIx surround sound ▪Dolby Headphone and Dolby Virtual Speaker ▪Rigid chassis construction ▪Includes floor standing left & right speakers with 2 woofers, matching center, & 3 surround speakers and a powered subwoofer ▪Includes single-disc DVD player with progressive scan video output

video games with realism

od Fineline™

HTB-S720DV Kenwood Fineline Gaming Home Theater System

▪Front-panel audio & video game inputs with automatic source & surround mode selection ▪Dual-source/single-zone operation ▪PurePath Digital™ power amplifier and high-resolution digital volume control ▪32-Bit floating-point SHARC Processor by Analog Devices ▪Dolby Digital EX, DTS-ES, DTS 96/24 and Dolby Pro Logic IIx surround sound ▪Dolby Headphone and Dolby Virtual Speaker ▪Rigid chassis construction ▪Includes left & right 2-way speakers, matching center speaker, & 3 surround speakers and a powered subwoofer ▪Includes single-disc DVD player with progressive scan video output

Cinema excitement made easy

Welcome to tomorrow's world of wireless convenience. Installing the surround speakers is a breeze because no wires are required to connect them to the receiver. Better still, Kenwood's wireless speaker system's separate RF transmitter and receiver units eliminate the speaker AC plugs required by conventional wireless speaker systems. This means that the surround speakers are sonically matched to the front speakers and can be used with a Kenwood Fineline Wireless Home Theater System to provide an even more expansive sound field. The separate RF receiver has a built-in high-power digital amplifier for the surround speakers to assure sound quality conventional wireless systems cannot provide. Naturally, you can incorporate Kenwood's wireless surround system in an existing home theater setup for superb entertainment without the fuss. Looking for a new experience? Kenwood makes it easy.

Kenwood Wireless

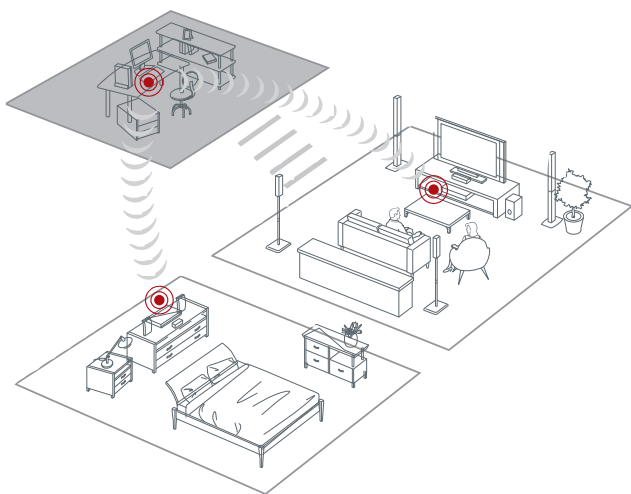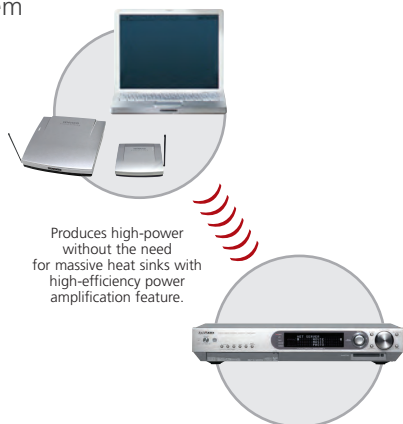Produces high-power without the need for massive heat sinks with high-efficiency power amplification feature.

HTB-S620DV — Kenwood Fineline Gaming Home Theater System

▪Front-panel audio & video game inputs with automatic source & surround mode selection ▪Includes wireless transmitter/receiver system for surround speakers ▪Active EQ matches receiver to system's speakers ▪Dolby Digital EX, DTS-ES, and Dolby Pro Logic IIx surround sound ▪2 Optical and 1 coaxial digital audio input ▪Includes left & right speakers, matching center speaker, & surround speakers and a powered subwoofer ▪Includes single-disc DVD player with progressive scan video output

sound without the hassle
to the rear speakers

Fineline™

HTB-S320DV
Kenwood Fineline Gaming Home Theater System

▪Front-panel audio & video game inputs with automatic source & surround mode selection ▪Active EQ matches receiver to system's speakers ▪Dolby Digital EX, DTS-ES, and Dolby Pro Logic IIx surround sound ▪2 Optical and 1 coaxial digital audio input ▪Includes left & right speakers, matching center speaker, & surround speakers and a powered subwoofer ▪Includes single-disc DVD player with progressive scan video output
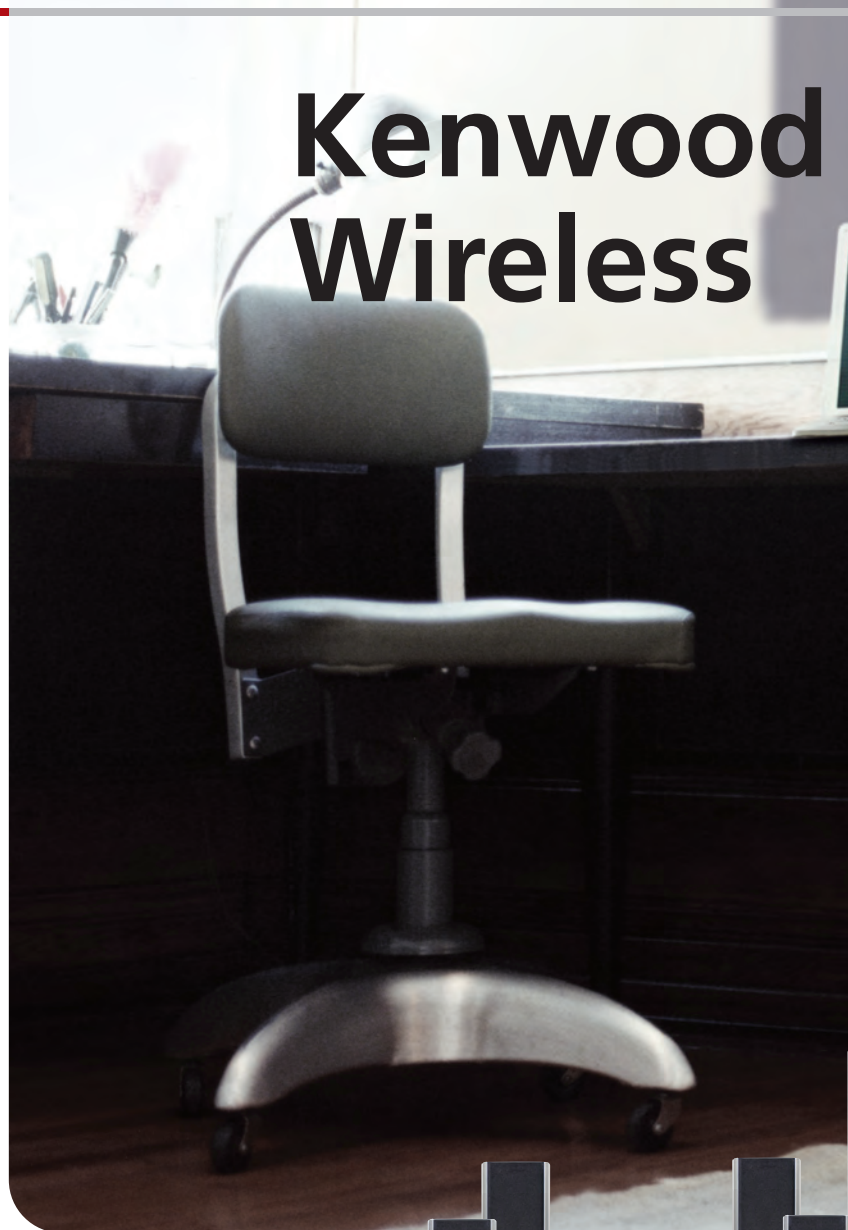
Networking Technology

Bedroom

Study Room

Living room
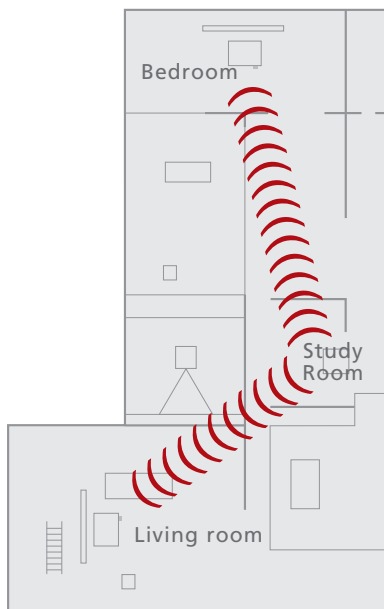
Welcome to the future of entertainment. Kenwood's Standard Home Theater Systems deliver everything you need for dynamic movie viewing entertainment. The power's there, together with sleek designs to complement today's modern interiors. Small speakers offer installation flexibility while providing sound full of detail. And the powered subwoofers assure amazingly realistic movie and game special effects. For even more excitement and realism, the VRS-N8100 delivers 6.1-channel movie surround sound. When installation space is limited, there's Kenwood's integrated HTB system. The DVD/Receiver, the heart of the system, lets you enjoy DVDs, CDs, WMA and MP3 CD-R/RWs and FM/AM broadcasts as well as photo CD JPEG pictures. There are six channels of amplification for optimum surround sound reproduction, and the surround speakers are designed for easy wall mounting.
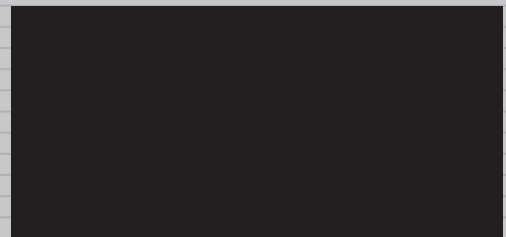
▪**Full Digital Amplifier**
Delivering 600W of power (100W per channel), this high-performance digital amplifier incorporates a PurePath Digital™ construction with switching power supply circuitry. Using a 2,048fs/100MHz clock, PurePath Digital™ expresses the audio signal with a minimum pulse width of 10nSEC to assure exceptionally precise signal transmission. Since all processing, from the audio signal input through the final amplification stage, is performed digitally, there's virtually no distortion.
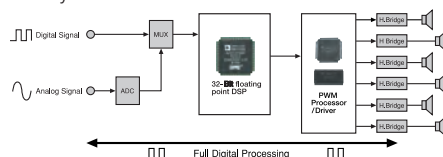
▪**High Quality Sound**
Kenwood stops at nothing to bring you the best sound quality possible. Components feature high-performance power supply circuitry to enable stable power supply, while use of a Bus Bar for both the power supply and ground line

achieves low power supply line imped-ance. By pro-viding stable current sup-

ply to MOSFET amplification circuitry, this assures faithful reproduction of the original signal. Other steps supporting high sound quality include the use of low-impedance capacitors and gold-plated banana terminals. There's even a new rigid chassis designed to control the vibrations that can degrade sound quality. Compared to conventional chassis, this new model harmonizes vibration waveforms and minimizes fluctuation levels to let you enjoy an exceptionally clear sound.

▪**Supreme**
When an audio recording is compressed to an MP3 or WMA file, there is an inevitable loss in high-frequency sounds, resulting in lower sound quality. That's where Kenwood's Supreme technology steps in. By regenerating the missing high frequencies, it lets you enjoy a detailed sound much closer to that of the original recording.

▪**Active EQ**
This function offers three modes to provide the best sound field effect for different sources. The Music mode minimizes satellite speaker output fluctuations for audio entertainment with optimum reproduction. When watching movies, the Cinema mode provides more dynamic sounds effects, such as explosions, by boosting bass. With the Game mode, you get a powerful surround sound for more game-playing fun than ever.

▪**32-Bit Floating Point DSP Chip For Even Higher Sound Quality**
You can enjoy reproduction of digital audio formats such as THX Surround EX, Dolby Digital Surround EX, DTS-ES and all other surround formats with Kenwood's A/V Control Centers which feature Analog Devices, Inc.'s newest SHARC DSP chip.

Network Versatility

With a network, you can enjoy more entertainment possibilities than ever. For example, you can access a PC in your study to view a movie in your living room while someone else accesses the same PC to listen to music in the bedroom. You can also access two PCs in different rooms without leaving your chair. And using multiple PCs and Kenwood network products enables expanded interconnectivity for even more versatility
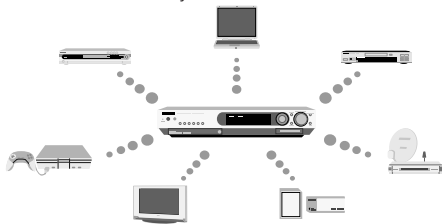
Network Connection

For extra flexibility and listening pleasure possibilities, Kenwood lets you create an audio-video-data network. For example, you can transfer music, movie and photo files from a PC server to a model like the VRS-N8100, via a wired LAN or a wireless LAN with Ethernet bridge.

Wireless LAN

Wired LAN
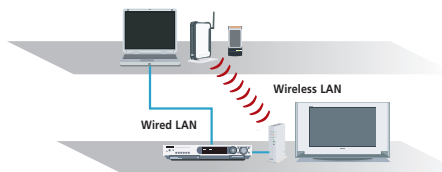
GUI Operation

Thanks to user-friendly interactive GUI, completing even complex operations, such as selecting categories, musical genre, albums and tracks, is easy — just follow the indications on the screen and you can't go wrong. Naturally, you can perform GUI operations with the Universal Remote Control, including Receiver Setup to achieve optimum speaker and other settings.

Handy Plug & Play Input

As soon as you plug in and switch on your game console, the Input Selector automatically switches to Game and the sound field mode changes accordingly to provide the best sound for game playing fun.

Handy Plug & Play Input
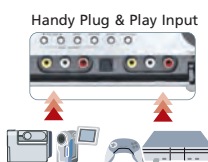
Memory Card Slot

To expand your choice of sources even further, a PC card slot on the front of the unit can take an optional memory card adapter for Compact Flash, SD Card and other media. This lets you directly view digital camera photos with the whole family without using a PC.

Memory Card Slot
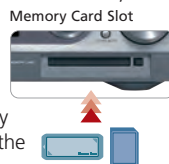
File Formats

With the Kenwood Network products you can access and playback a virtually limitless selection of sources. The playback formats are MPEG1, MPEG2 and DivX, Video for movies, JPEG, BMP, GIF and PNG for photos, and MP3, WMA, WAV and Ogg Vorbis for audio.

DivX Certification Acquired

DivX certification means you can enjoy high-quality playback of all DivX video software, from the DivX3.11 format through the latest DivX5.1.1 version. What's more, it also enables playback of DRM (Digital Rights Management) compatible DivX video-on-demand.

* Playback of certain files may not be possible. For details, please visit Kenwood web site DivX is a registered trademark of DivXNetworks, Inc.

Single Zone Dual Source

This handy feature allows you to play two sources simultaneously in the same room. So, for example, while you're playing a game using headphones, someone else can enjoy music with surround sound from the speakers at the same time.

Universal Remote Control

Say hello to Kenwood's new Universal Remote Control, and goodbye to multiple remotes cluttering your room. A single slim unit gives you fingertip control over everything from your DVD, VCR, CABLE and SAT units to your Kenwood CD/MD players and game console.

Dolby Pro Logic IIx

To provide even more dynamic entertainment, Kenwood's latest components feature Dolby Pro Logic IIx. This processes regular stereo and 5.1 recordings into 6.1- or 7.1-channel output for an expansive surround sound effect.

DTS 96/24

DTS 96/24 lets you enjoy a high-quality 5.1-channel sound together with full-quality video. It also assures exceptional sound quality with both digital and video output from your DVD player.

Dolby Virtual Speaker & Dolby Headphone

Only two speakers? No problem. State-of-the-art Dolby Virtual Speaker technology delivers an exceptionally realistic 5.1 channel surround sound effect. It also lets you enjoy a wider, more expansive sound when listening to DVDs, regular CDs, and MP3 and other audio files. With Dolby Headphone, you can sit back, crank up the volume, and enjoy the same 5.1 surround sound effect through a pair of regular headphones.

Incredible Realism With Dolby Digital EX

Dolby Digital EX is a new 6.1 audio format similar to Dolby Digital 5.1 but with the addition of an extra surround channel reproduced by surround back speakers positioned directly behind the listener. Working together with the regular left/right surround channels, the extra rear channel assures precise localization, an exceptionally smooth sense of movement, and an extra sense of dimensional detail for an even more exciting, enveloping surround sound effect. New Kenwood AV receivers equipped with a Dolby Digital EX decoder enable reproduction of Dolby Digital EX soundtrack sources (DVD-Video).

DTS-ES, The Latest 6.1-Channel Surround System

Digital Theater Systems Inc. developed DTS-ES for use in movie theaters. It's like the conventional DTS system with the addition of a Surround Back channel. With a total of 6.1 channels, DTS-ES lets you enjoy a powerful, atmospheric sound that completely surrounds you. The system is compatible with regular DTS software and also lets you play DTS format DVD discs.

z **DTS-ES Discrete 6.1** All 6.1 channels of sound with this format are recorded completely independently to provide outstanding directionality and spatiality.

z **DTS-ES Matrix 6.1** With this system, during recording the Surround Back signals are matrixed into the Surround left/right channels. During playback, both Surround left/right and Surround Back signals are decoded. Digital Theater Systems Inc.'s high-precision Digital Matrix Decoder enables closer matching of the encoder's characteristics to assure faithful surround sound reproduction.

z **DTS-ES Neo:6** This refers to a surround sound mode that, through the use of a DTS-ES Matrix 6.1 Digital Matrix Decoder, delivers powerful 6-channel surround sound when playing any 2-channel software. Choose between the DTS Neo:6 Cinema and DTS Neo:6 Music mode depending on the source.

HD Component Pass Through

This feature enables components with video outputs, such as HDTV tuners, to be connected to an HD-capable TV or monitor for significantly improved video image quality.

5 Mode DSP

Provides a choice of ambience settings (ARENA, JAZZ CLUB, STADIUM, DISCO, THEATER) for more "being there" excitement.

VRS-N8100 — AV Control Center with Network Function

Amplifier
- Surround power output: 100W x 6 (6 ohms, 1kHz, 0.5% THD)
- Stereo power output: 100W x 2 (6 ohms, 20Hz ~ 20kHz, 0.7% THD)
- Surround power output: 130W x 6 (6 ohms, 1kHz, 10% THD)
- Stereo power output: 130W x 2 (6 ohms, 1kHz, 10% THD)
- Stereo power output: 70W x 2 (FTC; 8 ohms, 20Hz ~ 20kHz, 0.7% THD)
- PurePath Digital Power amplifier

Audio Features
- Dolby Digital EX, DTS 96/24, DTS-ES, DTS Neo:6, DTS, Dolby Digital, Dolby Pro Logic IIx
- Dolby Headphone, Dolby Virtual Speaker
- 32-Bit floating-point SHARC Processor by Analog Devices
- Active EQ with Cinema, Music and Game modes
- 5 DSP listening modes
- Supreme for MP3, WMA playback
- Large display with 4 lines and 20 letters
- 96kHz/24-bit audio reproduction capability
- Midnight mode (Dynamic compression system in Dolby Digital and DTS mode)
- Independent speaker level control adjustment
- Full Auto Digital/Analog Source Input Selector
- Set up memory for each channel/Input sensitivity control (Input level adjust by 3 steps)

Network Features
- DivX playback capability
- Official DivX Certified™ product
- Plays DivX® 5, DivX® 4, DivX® VOD video content (in compliance with DivX Certified™ technical requirements)
- Network function: PC hard disk data playback capability (Movie, Music, Photo)
- Memory cards photo data reading capability by front panel PC card slot

General Features
- Front Game input with optical input for game console, with automatic game input selection and game surround setup
- Single Zone Dual Source function: To play Game by headphones and to play by speaker simultaneously
- HD component pass through
- Digital AM/FM tuner; 40 presets
- Display dimmer function
- Silver Aluminum panel, hairline finish and slim design
- Universal Remote Control (with the capability of controlling A/V equipment and game consoles)

Terminals
- 5 digital inputs (3 optical, 2 coaxial)
- 6 audio inputs (including Front AUX and Game input)
- 1 audio output
- 9 visual inputs (Composite x 5, including Front Aux and Game input and S-Video x 2, HD Component x 2)
- 4 visual outputs (Composite x 2, S-Video x 1, HD Component x 1, each including Monitor Output)
- PC card slot x 1 (for Memory Card reading)
- Ethernet terminal for wired connection
- Assignable Input (digital, HD Component)
- 3-ch pre-output (Surround Back R/L, Subwoofer)
- Gold-plated banana-plug speaker terminals for front speaker
- Colored detachable type speaker terminals for Center/Surround/Surround back speakers easy setup

VRS-7200 — Slim Design AV Control Center

Amplifier
- Surround power output: 100W x 6 (6 ohms, 1kHz, 0.5% THD)
- Stereo power output: 100W x 2 (6 ohms, 20Hz ~ 20kHz, 0.7% THD)
- Surround power output: 130W x 6 (6 ohms, 1kHz, 10% THD)
- Stereo power output: 130W x 2 (6 ohms, 1kHz, 10% THD)
- Stereo power output: 70W x 2 (FTC; 8 ohms, 20Hz ~ 20kHz, 0.7% THD)
- PurePath Digital Power amplifier

Audio Features
- Dolby Digital EX, DTS 96/24, DTS-ES, DTS Neo:6, DTS, Dolby Digital, Dolby Pro Logic IIx
- Dolby Headphone, Dolby Virtual Speaker
- 32-Bit floating-point SHARC Processor by Analog Devices
- Active EQ with Cinema, Music and Game modes
- 5 DSP listening modes
- 96kHz/24-bit audio reproduction capability
- Midnight mode (Dynamic compression system in Dolby Digital and DTS mode)
- Independent speaker level control adjustment
- Full Auto Digital/Analog Source Input Selector
- Set up memory for each channel/Input sensitivity control (Input level adjust by 3 steps)

General Features
- Front Game input with optical input for game console, with automatic game input selection and game surround setup
- Single Zone Dual Source function: To play Game by headphones and to play by speaker simultaneously
- HD component pass through
- Digital AM/FM tuner; 40 presets
- Display dimmer function
- Silver Aluminum panel, hairline finish and slim design
- Universal Remote Control (with the capability of controlling A/V equipment and game consoles)

Terminals
- 5 digital inputs (3 optical, 2 coaxial)
- 6 audio inputs (including Front AUX and Game input)
- 1 audio output
- 7 visual inputs (Composite x 5, including Front Aux and Game input and HD Component x 2)
- 3 visual outputs (Composite x 2, HD Component x 1, each including Monitor Output)
- Assignable Input (digital, HD Component)
- 3-ch pre-output (Surround Back R/L, Subwoofer)
- Gold-plated banana-plug speaker terminals for front speaker
- Colored detachable type speaker terminals for Center/Surround/Surround back speakers easy setup

VR-9070-S VR-9070

AV Control Center

Amplifier
- Surround power output:
- Front: 100W x 2 (8ohms, 20Hz-20kHz, 0.09% THD)
- Center: 100W (8ohms, 20Hz-20kHz, 0.09% THD)
- Surround: 100W x 2 (8ohms, 20Hz-20kHz, 0.7% THD)
- Surround Back: 100W x 2 (8ohms, 20Hz-20kHz, 0.7% THD)
- Stereo power output: 100W x 2 (FTC: 8 ohms, 20Hz-20kHz, 0.09% THD)

Audio Features
- THX SELECT-certified, THX SURROUND EX, Dolby Digital SURROUND EX, DTS 96/24, DTS-ES, DTS, Dolby Digital, Dolby Pro Logic IIx
- 7-ch power amplifier built-in with capability to drive Surround Back Left/Right speakers
- 5 DSP listening modes
- Active EQ with Cinema, Music and Game modes
- 96kHz/24-bit audio reproduction capability
- Midnight mode (Dynamic compression system in Dolby Digital mode and DTS mode)
- Loudness control
- Bass boost
- Full Auto Digital/Analog Source Input Selector
- Set up memory for each channel/Input sensitivity control (Input level adjust by 3 steps)
- Digital REC mode (Auto/Manual)
- 32-Bit floating-point SHARC Processor by Analog Devices
- Dolby Virtual Speaker and Dolby Headphone
- K-STAT discrete power amplifier stage
- KENWOOD original chemical condenser for high quality sound
- Advanced Ground Line
- Speakers A/B & A+B function
- Independent speaker level control adjustment

General Features
- HD Component Pass Through
- Display Dimmer function
- Digital AM/FM tuner; 40 presets
- 2 AC outlets
- LCD universal remote control (with Learning mode for other A/V equipment)
- Plug and Play Game console input on front panel, with auto Game input detection and auto game surround setup
- Crossover frequency adjustment (40Hz, 60Hz, 80Hz, 100Hz, 120Hz, 150Hz)
- Video up-converting (Composite to S-Video)
- Aluminum Panel
- Volume knob decorated by diamond cut

Terminals
- 4 digital inputs (2 optical, 2 coaxial)
- 1 optical digital output
- 8 audio inputs (including Phono MM, Front AUX and 6-ch. Input)
- 2 audio outputs
- 13 visual inputs (Composite x 5, S-Video x 5, both including Front Aux, HD component x 3)
- 5 visual outputs (Composite x 2, S-Video x 2, HD component x 1, each including Monitor output)
- 8-ch pre-out (Left, Right, Center, Surround L/R, Surround Back L/R, Subwoofer)
- 6-ch input for DVD-Audio and SACD reproduction
- All speaker terminals banana-plug type compatible (Except Speaker B)
- Zone B Audio/Video output (Composite)
- IR Repeater OUT x 2
- IR Repeater IN x 2

VR-9070

VR-9060-S VR-9060

AV Control Center

Amplifier
- Surround power output:
- Front: 100W x 2 (8ohms, 20Hz-20kHz, 0.09% THD)
- Center: 100W (8ohms, 20Hz-20kHz, 0.09% THD)
- Surround: 100W x 2 (8ohms, 20Hz-20kHz, 0.7% THD)
- Surround Back: 100W x 2 (8ohms, 20Hz-20kHz, 0.7% THD)
- Stereo power output: 100W x 2 (FTC: 8 ohms, 20Hz-20kHz, 0.09% THD)

Audio Features
- Dolby Digital SURROUND EX, DTS 96/24, DTS-ES, DTS, Dolby Digital , Dolby Pro Logic IIx
- 7-ch power amplifier built-in with capability to drive Surround Back Left/Right speakers
- 5 DSP listening modes
- Active EQ with Cinema, Music and Game modes
- 96kHz/24-bit audio reproduction capability
- Midnight mode (Dynamic compression system in Dolby Digital mode and DTS mode)
- Loudness control
- Bass boost
- Full Auto Digital/Analog Source Input Selector
- Set up memory for each channel/Input sensitivity control (Input level adjust by 3 steps)
- Digital REC mode (Auto/Manual)
- 32-Bit floating-point SHARC Processor by Analog Devices
- Dolby Virtual Speaker and Dolby Headphone
- K-STAT discrete power amplifier stage
- KENWOOD original chemical condenser for high quality sound
- Advanced Ground Line
- Speakers A/B & A+B function
- Independent speaker level control adjustment

General Features
- HD Component Pass Through
- Display Dimmer function
- Digital AM/FM tuner; 40 presets
- 2 AC outlets
- Universal preset remote control (with the capability of controlling A/V equipment and game consoles)
- Plug and Play Game console input on front panel, with auto Game input detection and auto game surround setup
- Crossover frequency adjustment (40Hz, 60Hz, 80Hz, 100Hz, 120Hz, 150Hz)
- Video up-converting (Composite to S-Video)
- Aluminum Panel
- Volume knob decorated by diamond cut

Terminals
- 4 digital inputs (2 optical, 2 coaxial)
- 1 optical digital output
- 8 audio inputs (including Phono MM, Front AUX and 6-ch. input)
- 2 audio outputs
- 13 visual inputs (Composite x 5, S-Video x 5, both including Front Aux, HD component x 3)
- 5 visual outputs (Composite x 2, S-Video x 2, HD component x 1, each including Monitor output)
- Pre-output (Subwoofer)
- 6-ch input for DVD-Audio and SACD reproduction
- All speaker terminals banana-plug type compatible (Except Speaker B)

VR-9060

VR-9050-S VR-9050 AV Control Center

Amplifier
- Surround power output:
- Front: 100W x 2 (8ohms, 20Hz-20kHz, 0.09% THD)
- Center: 100W (8ohms, 20Hz-20kHz, 0.09% THD)
- Surround: 100W x 2 (8ohms, 20Hz-20kHz, 0.7% THD)
- Surround Back: 100W x 2 (8ohms, 20Hz-20kHz, 0.7% THD)
- Stereo power output: 100W x 2 (FTC: 8 ohms, 20Hz-20kHz, 0.09% THD)

Audio Features
- Dolby Digital SURROUND EX, DTS 96/24, DTS-ES, DTS, Dolby Digital , Dolby Pro Logic Iix
- 7-ch power amplifier built-in with capability to drive Surround Back Left/Right speakers
- 5 DSP listening modes
- Active EQ with Cinema, Music and Game modes
- 96kHz/24-bit audio reproduction capability
- Midnight mode (Dynamic compression system in Dolby Digital mode and DTS mode)
- Loudness control
- Bass boost
- Full Auto Digital/Analog Source Input Selector
- Set up memory for each channel/Input sensitivity control (Input level adjust by 3 steps)
- Digital REC mode (Auto/Manual)
- 32-Bit floating-point SHARC Processor by Analog Devices
- K-STAT discrete power amplifier stage
- KENWOOD original chemical condenser for high quality sound
- Advanced Ground Line

- Speakers A/B & A+B function
- Independent speaker level control adjustment

General Features
- HD Component Pass Through
- Display Dimmer function
- Digital AM/FM tuner; 40 presets
- 2 AC outlets
- Universal preset remote control (with the capability of controlling A/V equipment and game consoles)
- Plug and Play Game console input on front panel, with auto Game input detection and auto game surround setup
- Crossover frequency adjustment (40Hz, 60Hz, 80Hz, 100Hz, 120Hz, 150Hz)

Terminals
- 4 digital inputs (2 optical, 2 coaxial)
- 8 audio inputs (including Phono MM, Front AUX and 6-ch. input)
- 2 audio outputs
- 12 visual inputs (Composite x 5, S-Video x 5, both including Front Aux, HD component x 2)
- 5 visual outputs (Composite x 2, S-Video x 2, HD component x 1, each including Monitor output)
- Pre-output (Subwoofer)
- 6-ch input for DVD-Audio and SACD reproduction
- All speaker terminals banana-plug type compatible (Except Speaker B)

VR-9050

VR-906-S VR-906 AV Control Center

Amplifier
- Surround power output: 100W x 6 (8 ohms, 40Hz-20kHz, 0.7% THD)
- Stereo power output: 100W x 2 (FTC;8 ohms, 40-20kHz, 0.7% THD)

Audio Features
- Dolby Digital EX, DTS-ES, DTS Neo:6, DTS, Dolby Digital, Dolby Pro Logic IIx
- 5 DSP listening modes
- Active EQ with Cinema, Music and TV modes
- 96kHz/24-bit audio reproduction capability
- Midnight mode (Dynamic compression system in Dolby Digital mode and DTS mode)
- Loudness control
- Bass boost
- Independent speaker level control adjustment
- Full Auto Digital Analog Input Selector
- Set up memory for each channel/Input sensitivity control (Input level adjust by 3 steps)
- Digital REC mode (Auto/Manual)

General Features
- HD Component Pass Through
- Display dimmer function
- Digital AM/FM tuner; 40 presets
- 2 AC outlets
- Kenwood remote control unit (with the capability of controlling Kenwood DVD players)

Terminals
- 3 digital inputs (1 optical, 2 coaxial)

- 6 audio inputs (Composite)
- 2 audio outputs (Composite)
- 5 visual inputs (Composite x 3, HD component x 2)
- 3 visual outputs (Composite x 2, HD component x 1, each including Monitor output)
- 3-ch pre-output (Surround Back L/R, Subwoofer)

VR-906

DT-7000S Home SIRIUS Satellite Tuner

- Large 4-Line dot matrix display scrolls complete song title and artist information
- Multiple search and display modes
- Four nameable preset banks (20 stream presets each)
- Save and recall up to 24 song titles and artist names at the touch of a button
- Dual jog dial controls
- Digital and analog audio outputs
- RS-232C Control input
- Full-function wireless remote control
- Requires optional CX-SRH30 Antenna

DVF-3250-S DVF-3250-B Slim Design DVD-Video/ Video CD/CD/CD-R/RW Player

Amplifier
- Single tray DVD-Video player
- Progressive Scan
- DivX Video playback capability
- Official DivX Certified™ product
- Plays DivX ,5, DivX,4, DivX, VOD video content (in compliance with DivX Certified™ technical requirements)
- MP3 and WMA-encoded disc playback capability
- DVD-R/RW playback capability
- CD-R/RW playback capability
- JPEG playback capability
- S-VCD playback capability
- Bitstream digital output for Dolby Digital, DTS and MPEG2 Audio
- Remote control unit

System Section
- On-screen display
- Twin-focus pickup
- CD Programmable and Random play
- CD and DVD Repeat play
- A-B repeat play
- Memory (bookmark function)
- Dialogue language function
- Subtitle function
- Parental control
- Fast/slow motion playback
- Freeze frame and frame forward/ backward

Audio Section
- 96kHz/24-bit DAC
- Bitstream digital output for Dolby Digital, DTS
- 2-ch down mix PCM analogue output for Dolby Digital (with PCM Down mix digital out)

Picture Section
- 54MHz 12-bit video D/A conversion
- Multi aspect TV screen mode (4:3, 16:9)

Terminal Section
- Coaxial digital output
- S-Video output
- Component Video out (Y, Cb, Cr Video output)
- 1 composite video output

RFU-6100 Wireless System for Surround Speakers

- Includes transmitter, receiver, & all accessories
- Up to 100-foot operating range
- Built -in digital power amplifier for surround speakers
- Active circuitry reduces noise interference
- 4 Selectable RF transmission channels
- Auto power on/off function

DVF-3250-B

Welcome to a bigger world of home theater entertainment.

Kenwood has always known that the world of entertainment never ceases to change. Which is why it continues to develop innovative technologies that let you enjoy everything the latest media have to offer. Incredible cinema surround sound power and excitement. Outstanding clarity, with even the most subtle sounds faithfully reproduced. All from sleek, esthetically pleasing components. Care to see the future of home theater entertainment? With Kenwood, it's in your living room.

Kenwood AV Control Centers Satisfying The THX Standard For Optimal Movie Theater Sound Reproduction In The Home

THX is the standard proposed by Lucas Film Ltd. for reproducing powerful movie theater sound in the home. THX SELECT has specifications ideal for regular home theater applications, which is why Kenwood high-end receivers conform to THX SELECT specifications.

The THX processor reproduces movie theater sound in your living room in three ways. The first is through re-equalization, which compensates for the differences between theater and home acoustic characteristics. The second is through timbre matching to assure a natural sensation of motion when sounds move. The third is through decorrelation, which recreates the expansive sound of a movie theater through surround speakers.

THX SURROUND EX
Cutting-Edge THX Surround EX Technology Recreates Powerful Cinema Sound In Your Living Room

Now you can enjoy incredible cinema sound in your own home with THX Surround EX, the latest home theater sound system jointly developed by Lucasfilm THX and Dolby Laboratories. Compared to conventional 5.1-channel surround sound systems, this system delivers sound through 7.1 channels, including left/right Surround Back channels. The result is a clearer sound with better directionality and a greater sense of movement than ever before. Sounds seem to rush through you from front to back, and move from side to back to surround you for a new level of realism. Of course, the THX Surround EX system is compatible with conventional DTS and Dolby Digital systems so you can still enjoy regular 5.1- channel surround sound reproduction.

Left   Center   Right
Subwoofer
Surround Back
Left Surround   Right Surround
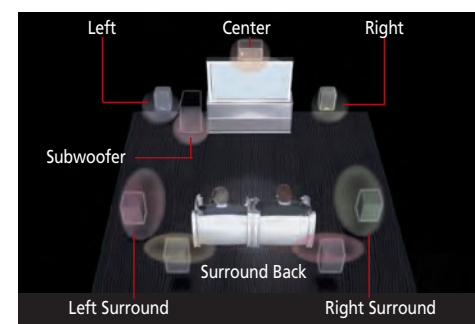
▪Superb Low-Range Response And Three-Dimensional Sonic Imaging With K-STAT

Previously, power transistors and temperature detection and compensation circuitry were separate. In this configuration, there is a slight delay in detection and compensation after heat is generated by the transistor. This results in a disagreement between the music signal and the signal amplification factor, which leads to increased distortion, particularly of small signals. To overcome this problem, Kenwood developed K-STAT, the world's first power transistor with built-in temperature detection and compensation circuitry. By enabling temperature detection and compensation in real time, this innovation assures stable operation with minimal distortion for rich lows and three-dimensional sonic imaging. With K-STAT, you can also enjoy improved high-range reproduction when listening to high-performance digital audio sources.

▪Featuring Active EQ for optimum sound quality with different sources.

Due to the physical restraints of conventional small speakers, low range reproduction capability is limited, which influences the reproduction of dialog and vocals. Active EQ overcomes this problem by taking your entire system into consideration to provide optimum equalization. To enjoy high-quality sound with different sources, select the Cinema mode when watching movies, or the Music mode when listening to music.

Cinema mode   Music mode
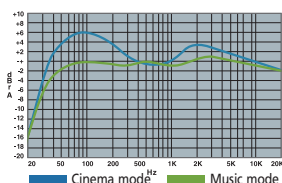
▪Flexible, Easy Balance Control with Active EQ and Speaker EQ

Due to the physical restraints of regular small speakers, low range reproduction capability is limited, which influences the reproduction of dialog and vocals. Speaker EQ lets you make frequency compensations simply by selecting the appropriate speaker size setting (Small, Medium) for your speakers. This assures a high-quality sound that's well-balanced from the low through the high frequencies. You can also use Active EQ to provide a sound field with the optimum equalization settings for the source you are listening to. Select the Music mode for a well-balanced sound from the low through the high frequencies, the Cinema mode for powerful sound effects, and the TV mode for clear, easy-to-hear dialog.
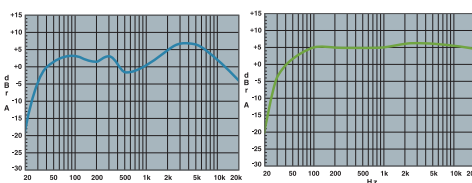
1Reproduction characteristics of a combination of regular satellite speakers and a subwoofer. Differences in sound pressure tend to appear at certain frequencies.

1Image of frequency characteristics when using Music mode of Active EQ and Small mode of Speaker EQ: Assures powererful, natural low-range reproduction with extended mid-range and clear, bright highs.

▪32-Bit Floating Point DSP Chip For Even Higher Sound Quality

You can enjoy reproduction of digital audio formats such as THX Surround EX, Dolby Digital Surround EX, DTS-ES and all other surround formats with Kenwood's A/V Control Centers which feature Analog Devices, Inc.'s newest SHARC DSP chip.

▪Video Up-Converting

When connecting Composite and S-Video sources to an AV receiver, you used to have to connect both a Composite and an S-Video cable to the monitor. Not any more. A Kenwood AV receiver with Video Up-converting converts the Composite signal to an S-Video signal, so you only need to connect a single S-Video cable to the monitor.

▪Advanced Ground Line Routes Each Signal Independently To Maintain Sound Purity

The way amplifier circuitry is internally wired at the final power stage strongly influences sound quality. To eliminate spurious signals that degrade sound quality, Kenwood developed the "Pure Signal Ground Line". This innovation is highly regarded for the superb sound quality it assures. To prevent any loss in power from the power transformer, an "Advanced Ground Line" stabilizes secondary winding potential. This enables complete use of the electrical energy from the power source to drive the speakers. Furthermore, because secondary winding is not adversely influenced by unwanted potential, amplification is crystal-clear.

▪Built-in Condenser with Tonorex Technology For Improved Sound Quality

As a further step towards providing outstanding sound quality, the latest Kenwood receivers feature a new condenser. This audio filter was designed to minimize sources of internal vibration, thereby reducing distortion for improved sound quality. Advanced Tonorex technology also assures boosted efficiency as well as reduced current leakage.

Receiver Features

Power Output	HTB-N815DV/HTB-N810DV
Stereo Power: Left/Right (20Hz-20kHz, 0.7% THD, 6 ohms)	100 Watts per Cannel
Surround Power: Left/Right (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts
Surround Power: Center (1kHz, 0.5% THD, 6 ohms)	100 Watts
Surround Power: LSurround/RSurround (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts
Surround Power: Surround Back (1kHz, 0.5% THD, 6 ohms)	100 Watts

Amplifier Features	
Pure-Path Digital™ Power Amplifier	•
Lever-Type Colored Speaker Terminals	Center, Surround, Surround Back/ SW
Banana Plug-Compatible Speaker Connectors	Front Speaker Channels(Gold plated)

Audio Features	
Dolby Digital and DTS Digital Surround Sound	•
Dolby Pro Logic II with Music Mode Adjustments	Dolby Pro Logic IIx
Dolby Digital EX Digital Surround Sound	•
Dolby Virtual Speaker	•
Dolby Headphone	•
DTS-ES 96/24(Discrete, Matrix & Neo: 6)	•
5 Audio DSP Modes (Arena/Jazz Club/Theater/ Stadium/Disco)	•
Active EQ by DSP (Cinema, Music & Game Modes)	•
Automatic Digital Signal Format Detection & Selection	•
DSP Processor	32-bit ADI SHARC® Processor by Analog Dvices
Full Digital Bass Management	•
Adjustable Analog Input Sensitivity with Individual Source Memory	•
Digital/Analog Record Mode (Auto/Manual)	•
Midnight Mode (Dynamic Compression system in Dolby Digital and DTS mode)	•
Bass & Treble Controls	•

Audio Connections	
Digital Audio Inputs	3 Optical, 2 Coaxial
Stereo Analog Audio Inputs	6
Audio Record Outputs	1
Preouts	SurrBackL/ SurrBackR/ Subwoofer
Front-Panel A/V Aux Input(Audio)	Analog L/R w/optical digital input
Headphone Jack	•

Video Connections	
Video Inputs (Total)	2 Component, 2 S-video, 5 Composite
HD-Compatible Component Video Inputs / Outputs	•
Video Record Outputs	1 Composite
Video Monitor Outputs	1 Composite, 1 S-Video, 1 Composite
Front-Panel Game Inputs(Video)	1 Composite
Front-Panel A/V Aux Input (Video)	1 Composite

Networking Features	
Ethernet Connection	1
PCMCIA Card Slot	1
Video Decoding	MPEG1, MPEG2, Xvid, DivX® video
Audio Decoding	WAV, MP3, WMA, Ogg Vorbis
Still Picture Format Decoding	JPEG, Bitmap, GIF, PNG
GUI Operation for Networking Functions	•

Networking Features	
Quartz PLL Synthesized Tuning	•
Station Presets	40
Automatic and Manual Tuning	•
Preset Call (using Remote)	•

General Features	
Dual-Source/Single Zone Operation: Headphone Output/Speaker Outputs	•
Automatic Gaming Plug & Play: Auto-Detects Game Box & Auto-Selects Game Input & Surround Mode	•
GUI Operation for Networking Functions & Receiver Setup	•
High-Resolution Digital Volume Control	•
Flourescent Dot Matrix Display with Volume Indication	4-Line, 20-Character
Audio Muting	•
Finish (Front panel)	Silver, Hairline Aluminum

Remote Control Features	
Universal Pre-Programmed Remote	w/Xbox & PlayStation2 Codes

Dimensions	
Width inch.(mm)	17-5/16 (440)
Height inch.(mm)	3-1/8 (79)
Depth inch.(mm)	14-5/16 (364)

DVD Player Features

Disc Player Features	HTB-N815DV/HTB-N810DV
Single Disc Capacity	•
Plays DVD-Video, DVD-R/RW, DVD+R/RW, CD, CD-R/RW, VCD Discs	•
Plays DivX Video	•
Plays WMA & MP3-Encoded CD-R/RW Discs	•
JPEG Photo CD View Capability	•
Dialog Language & Subtitle Functions	•
Parental Control	•
Programmable Memory (CD)	32 Tracks
Random, Repeat & A-B Repeat Play	•
Book Mark Function	•
Search/Still/Slow Motion Play	•

Video Features	
Progressive Scan Video Output	•
Video D/A Converter	12-bit, 54MHz
Twin Focus Laser Pickup	•
Multiple Screen Aspect Rations	•
Video Outputs	1 Component, 1 S-Video, 1 Composite

Audio Features	
24-bit/96kHz Sampling D/A Converter	•
24-bit/96kHz-Capable Digital Outputs	1 Coaxial
Analog Audio Outputs	L/R

General Features	
On-Screen Menu System	•
Finish	DVF-3250-S:Silver, w/hair line finish DVF-3250-B:Black, w/hair line finish

Speaker Features

Left/Right Speaker Features	HTB-N815DV	HTB-N810DV
Woofer	4 x 2 3/4"	
Tweeter	3/4" Dome	
Full-Range Driver		2 x 2"
Enclosure Type	Ported	Ported
Magnetically-Shielded	•	•
One-Touch Speaker Connectors	•	•
Speaker Stands	Floor Stands	Tabletop Stands
Metal Grilles	Fixed	Removable
Power Handling	120 Watts	120 Watts
Impedance	8 ohms	8 ohms
Finish	Silver	Silver
Center Speaker Features		
Woofer	2 x 2 3/4"	
Tweeter	3/4" Dome	
Full-Range Driver		2 x 2"
Enclosure Type	Ported	Ported
Magnetically-Shielded	•	•
One-Touch Speaker Connectors	•	•
Tabletop Stand	•	
Built-In Wall-Mount Brackets		•
Metal Grilles	Fixed	Removable
Power Handling	120 Watts	120 Watts
Impedance	8 ohms	8 ohms
Finish	Silver	Silver
Surround Speaker Features		
Includes Left, Right and Back Surround Speakers	•	•
Woofer	2 x 2 3/4"	
Tweeter	3/4" Dome	
Full-Range Driver		2"
Enclosure Type	Ported	Ported
One-Touch Speaker Connectors	•	•
Built-In Wall-Mount Brackets	Wall-Mount Hardware Included	•
Metal Grilles	Fixed	Removable
Power Handling	120 Watts	120 Watts
Impedance	8 ohms	8 ohms
Finish	Silver	Silver
Subwoofer Features		
Woofer	6 1/2" Side-Firing	6 1/2" Side-Firing
Built-In Amplifier	100 Watts (Dynamic Power)	100 Watts (Dynamic Power)
Enclosure Type	Ported	Ported
Volume Control	•	•
RCA Audio Input	•	•
Finish	Silver	Silver

Receiver Features

Power Output

Power Output	HTB-S725DV/HTB-S720DV
Stereo Power: Left/Right (20Hz-20kHz, 0.7% THD, 6 ohms)	100 Watts per Channel
Surround Power: Left/Right (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts
Surround Power: Center (1kHz, 0.5% THD, 6 ohms)	100 Watts
Surround Power: LSurround/RSurround (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts
Surround Power: Surround Back (1kHz, 0.5% THD, 6 ohms)	100 Watts

Amplifier Features

Pure-Path Digital™ Power Amplifier	•
Lever-Type Colored Speaker Terminals	Center, Surround, Surround Back/ SW
Banana Plug-Compatible Speaker Connectors	Front Speaker Channels(Gold plated)

Audio Features

Dolby Digital and DTS Digital Surround Sound	•
Dolby Pro Logic II with Music Mode Adjustments	Dolby Pro Logic IIx
Dolby Digital EX Digital Surround Sound	•
Dolby Virtual Speaker	•
Dolby Headphone	•
DTS-ES 96/24(Discrete, Matrix & Neo: 6)	•
5 Audio DSP Modes (Arena/Jazz Club/Theater/ Stadium/Disco)	•
Active EQ by DSP (Cinema, Music & Game Modes)	•
Automatic Digital Signal Format Detection & Selection	•
DSP Processor	32-bit ADI SHARC® Processor by Analog Devices
Full Digital Bass Management	•
Adjustable Analog Input Sensitivity with Individual Source Memory	•
Digital/Analog Record Mode (Auto/Manual)	•
Midnight Mode (Dynamic Compression system in Dolby Digital and DTS mode)	•
Bass & Treble Controls	•

Audio Connections

Digital Audio Inputs	3 Optical, 2 Coaxial
Stereo Analog Audio Inputs	6
Audio Record Outputs	1
Preouts	SurrBackL/ SurrBackR/ Subwoofer
Front-Panel A/V Aux Input(Audio)	Analog L/R w/optical digital input
Headphone Jack	

Video Connections

Video Inputs (Total)	2 Component, 2 S-video, 5 Composite
HD-Compatible Component Video Inputs / Outputs	•
Video Record Outputs	1 Composite
Video Monitor Outputs	1 Composite, 1 S-Video, 1 Composite
Front-Panel Game Inputs(Video)	1 Composite
Front-Panel A/V Aux Input (Video)	1 Composite

Tuner Features

Quartz PLL Synthesized Tuning	•
Station Presets	40
Automatic and Manual Tuning	•
Preset Call (using Remote)	•

General Features

Dual-Source/Single Zone Operation: Headphone Output/Speaker Outputs	•
Automatic Gaming Plug & Play: Auto-Detects Game Box & Auto-Selects Game Input & Surround Mode	•
High-Resolution Digital Volume Control	•
Flourescent Dot Matrix Display with Volume Indication	1-Line, 9-Character
Audio Muting	•
Finish (Front panel)	Silver, Hairline Aluminum

Remote Control Features

Universal Pre-Programmed Remote	w/Xbox & PlayStation2 Codes

Dimensions

Width inch.(mm)	17-5/16 (440)
Height inch.(mm)	3-1/8 (79)
Depth inch.(mm)	14-5/16 (364)

DVD Player Features

Disc Player Features

Disc Player Features	HTB-S725DV/HTB-S720DV
Single Disc Capacity	•
Plays DVD-Video, DVD-R/RW, DVD+R/RW, CD, CD-R/RW, VCD Discs	•
Plays DivX Video	•
Plays WMA & MP3-Encoded CD-R/RW Discs	•
JPEG Photo CD View Capability	•
Dialog Language & Subtitle Functions	•
Parental Control	•
Programmable Memory (CD)	32 Tracks
Random, Repeat & A-B Repeat Play	•
Book Mark Function	•
Search/Still/Slow Motion Play	•

Video Features

Progressive Scan Video Output	•
Video D/A Converter	12-bit, 54MHz
Twin Focus Laser Pickup	•
Multiple Screen Aspect Rations	•
Video Outputs	1 Component, 1 S-Video, 1 Composite

Audio Features

24-bit/96kHz Sampling D/A Converter	•
24-bit/96kHz-Capable Digital Outputs	1 Coaxial
Analog Audio Outputs	L/R

General Features

On-Screen Menu System	•
Finish	DVF-3250-S:Silver, w/hair line finish DVF-3250-B:Black, w/hair line finish

Speaker Features

Left/Right Speaker Features

Left/Right Speaker Features	HTB-S725DV	HTB-S720DV
Woofer	2 x 2 3/4"	2 x 2 3/4"
Tweeter	1"	1"
Enclosure Type	Ported	Ported
Magnetically-Shielded	•	•
One-Touch Speaker Connectors	•	•
Speaker Stands	Floor Stands	
Built-In Wall-Mount Brackets	• (Attachment parts)	•
Metal Grilles	Removable	Removable
Power Handling	120 Watts	120 Watts
Impedance	8 ohms	8 ohms
Finish	Silver	Silver

Center Speaker Features

Center Speaker Features		
Woofer	2 x 2 3/4"	2 x 2 3/4"
Tweeter	1"	1"
Enclosure Type	Ported	Ported
Magnetically-Shielded	•	•
One-Touch Speaker Connectors	•	•
Tabletop Stand	•	•
Built-In Wall-Mount Brackets	• (Attachment parts)	• (Attachment parts)
Metal Grilles	Removable	Removable
Power Handling	120 Watts	120 Watts
Impedance	8 ohms	8 ohms
Finish	Silver	Silver

Surround Speaker Features

Surround Speaker Features		
Includes Left, Right and Back Surround Speakers	•	•
Woofer	2 3/4"	2 x 2 3/4"
Tweeter	1"	1"
Enclosure Type	Ported	Ported
One-Touch Speaker Connectors	•	•
Built-In Wall-Mount Brackets	•	•
Metal Grilles	Removable	•
Power Handling	120 Watts	120 Watts
Impedance	8 ohms	8 ohms
Finish	Silver	Silver

Subwoofer Features

Subwoofer Features		
Woofer	6 "	6 "
Built-In Amplifier	100 Watts (Dynamic Power)	100 Watts (Dynamic Power)
Enclosure Type	Ported	Ported
Volume Control	•	•
RCA Audio Input	•	•
Finish	Silver	Silver

Receiver Features

Power Output	HTB-S620DV/HTB-S320DV
Stereo Power: Left/Right (20Hz-20kHz, 0.7% THD, 6 ohms)	100 Watts per Cannel
Surround Power: Left/Right (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts
Surround Power: Center (1kHz, 0.5% THD, 6 ohms)	100 Watts
Surround Power: LSurround/RSurround (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts
Amplifier Features	
KAM-1TM High-Efficiency Power Amplifier	•
Lever-Type Colored Speaker Terminals	•
Audio Features	
Dolby Digital and DTS Digital Surround Sound	•
Dolby Pro Logic II with Music Mode Adjustments	Dolby Pro Logic IIx
Dolby Digital EX Digital Surround Sound	•
DTS-ES (Discrete, Matrix & Neo: 6)	•
5 Audio DSP Modes (Arena/Jazz Club/Theater/ Stadium/Disco)	•
Active EQ by DSP (Cinema, Music & Game Modes)	•
Automatic Digital Signal Format Detection & Selection	•
DSP Processor	24-bit
Full Digital Bass Management	•
Adjustable Analog Input Sensitivity with Individual Source Memory	•
Midnight Mode (Dynamic Compression system in Dolby Digital and DTS mode)	•
Bass & Treble Controls	•
Audio Features	
Digital Audio Inputs	2 Optical, 1 Coaxial
Stereo Analog Audio Inputs	4
Audio Record Outputs	1
Preouts	SurrBackL/ SurrBackR/ Subwoofer
Front-Panel A/V Aux Input(Audio)	Switchable from Game Input
Headphone Jack	•
Audio Connections	
Video Inputs (Total)	3 Composite
Video Record Outputs	1 Composite
Video Monitor Outputs	1 Composite
Front-Panel Game Inputs(Video)	1 Composite
Front-Panel A/V Aux Input (Video)	Switchable from Game Input
Tuner Features	
Quartz PLL Synthesized Tuning	•
Station Presets	40
Automatic and Manual Tuning	•
Preset Call (using Remote)	•
Tuner Features	
Automatic Gaming Plug & Play: Auto-Detects Game Box & Auto-Selects Game Input & Surround Mode	•
Flourescent Dot Matrix Display with Volume Indication	1-Lite, 9-Character
Audio Muting	•
Finish (Front panel)	Silver, Hairline Aluminum
Remote Control Features	
Kenwood System Remote	•
Dimensions	
Width inch.(mm)	17-5/16 (440)
Height inch.(mm)	3-1/8 (79)
Depth inch.(mm)	14-5/16 (364)

DVD Player Features

Disc Player Features	HTB-S620DV/HTB-S320DV
Single Disc Capacity	•
Plays DVD-Video, DVD-R/RW, DVD+R/RW, CD, CD-R/RW, VCD Discs	•
Plays DivX Video	•
Plays WMA & MP3-Encoded CD-R/RW Discs	•
JPEG Photo CD View Capability	•
Dialog Language & Subtitle Functions	•
Parental Control	•
Programmable Memory (CD)	32 Tracks
Random, Repeat & A-B Repeat Play	•
Book Mark Function	•
Search/Still/Slow Motion Play	•
Video Features	
Progressive Scan Video Output	•
Video D/A Converter	12-bit, 54MHz
Twin Focus Laser Pickup	•
Multiple Screen Aspect Rations	•
Video Outputs	1 Component, 1 S-Video, 1 Composite
Audio Features	
24-bit/96kHz Sampling D/A Converter	•
24-bit/96kHz-Capable Digital Outputs	1 Coaxial
Analog Audio Outputs	L/R
General Features	
On-Screen Menu System	•
Finish	DVF-3250-S:Silver, w/hair line finish DVF-3250-B:Black, w/hair line finish

Speaker Features

Left/Right Speaker Features	HTB-S620DV/HTB-S320DV
Full-Range Driver	2 3/4"
Enclosure Type	Ported
Magnetically-Shielded	•
One-Touch Speaker Connectors	•
Built-In Wall-Mount Brackets	•
Power Handling	120 Watts
Impedance	8 ohms
Finish	Silver
Center Speaker Features	
Full-Range Driver	2 3/4"
Enclosure Type	Ported
Magnetically-Shielded	•
One-Touch Speaker Connectors	•
Tabletop Stand	•
Built-In Wall-Mount Brackets	•
Power Handling	120 Watts
Impedance	8 ohms
Finish	Silver
Surround Speaker Features	
Includes Left and Right Surround Speakers	•
Full-Range Driver	2 3/4"
Enclosure Type	Ported
One-Touch Speaker Connectors	•
Built-In Wall-Mount Brackets	•
Power Handling	120 Watts
Impedance	8 ohms
Finish	Silver
Subwoofer Features	
Woofer	6 "
Built-In Amplifier	100 Watts (Dynamic Power)
Enclosure Type	Ported
Volume Control	•
RCA Audio Input	•
Finish	Silver

Wireless System Features

Wireless Surround System Features	HTB-S620DV
Includes RF Transmitter and Receiver and ALL Accessories	•
Operating Range	up to 100 feet
Built-In Digital Amplifier for Surround Speakers	50 Watts x 2
Noise Reduction Circuitry	•
Automatic Muting When Not Transmitting	•
4 Selectable RF Transmission Channels	•
Auto Power On/OFF Function	•

Receiver Features

	VR-9070/VR-9070-S	VR-9060/VR-9060-S	VR-9050/VR-9050-S	VR-906/VR-906-S
Power Output				
Stereo Power: Left/Right	100 Watts per Channel RMS (20Hz–20kHz, 0.09% THD, 8 ohms FTC)	100 Watts per Channel RMS (20Hz–20kHz, 0.09% THD, 8 ohms FTC)	100 Watts per Channel RMS (20Hz–20kHz, 0.09% THD, 8 ohms FTC)	100 Watts per Channel RMS (40Hz–20kHz, 0.7% THD, 8 ohms FTC)
Surround Power: Left/Right	100 Watts + 100 Watts (20Hz–20kHz, 0.09% THD, 8 ohms)	100 Watts + 100 Watts (20Hz–20kHz, 0.09% THD, 8 ohms)	100 Watts + 100 Watts (20Hz–20kHz, 0.09% THD, 8 ohms)	100 Watts + 100 Watts (40Hz-20kHz, 0.7% THD, 8 ohms)
Surround Power: Center	100 Watts (20Hz–20kHz, 0.09% THD, 8 ohms)	100 Watts (20Hz–20kHz, 0.09% THD, 8 ohms)	100 Watts (20Hz–20kHz, 0.09% THD, 8 ohms)	100 Watts per Channel (40Hz-20kHz, 0.7% THD, 8 ohms)
Surround Power: LSurround/RSurround	100 Watts + 100 Watts (20Hz–20kHz, 0.7% THD, 8 ohms)	100 Watts + 100 Watts (20Hz–20kHz, 0.7% THD, 8 ohms)	100 Watts + 100 Watts (20Hz–20kHz, 0.7% THD, 8 ohms)	100 Watts + 100 Watts (40Hz-20kHz, 0.7% THD, 8 ohms)
Surround Power: Surround Back				100 Watts per Channel (40Hz–20kHz, 0.7% THD, 8 ohms)
Surround Power: Surround Back Left/ Surround Back Right	100 Watts + 100 Watts (20Hz–20kHz, 0.7% THD, 8 ohms)	100 Watts + 100 Watts (20Hz–20kHz, 0.7% THD, 8 ohms)	100 Watts + 100 Watts (20Hz–20kHz, 0.7% THD, 8 ohms)	
Amplifier Features				
K-STAT™Discrete Power Amplifier	•	•	•	
KAM-1™High-Efficiency Power Amplifier				•
Speaker B Outputs	•	•	•	
Lever type colored speaker terminal				All Channels
Lever type speaker terminal	Speaker B Only	Speaker B Only	Speaker B Only	
Banana Plug-Compatible Speaker Connectors	All Channels (except Speaker B)	All Channels (except Speaker B)	All Channels (except Speaker B)	
Audio Features				
THX® Select Certification with THX Cinema Mode	•			
Dolby Digital and DTS Digital Surround Sound	•	•	•	•
Dolby Pro Logic II with Music Mode Adjustments	Dolby Pro Logic IIx	Dolby Pro Logic IIx	Dolby Pro Logic IIx	Dolby Pro Logic IIx
Dolby Pro Logic	•	•	•	•
Dolby Digital EX	THX Surround EX	•	•	•
Dolby Virtual Speaker	•	•		
Dolby Headphone	•	•		
DTS-ES, DTS 96/24 (Discrete & Matrix & Neo: 6)	•	•	•	
5 Audio DSP Modes (Arena/Jazz Club/ Theater/Stadium/Disco)	•	•	•	•
Active EQ	(Cinema, Music and Game mode)	(Cinema, Music and Game mode)	(Cinema, Music and Game mode)	(Cinema, Music and TV mode)
Automatic Digital Signal Format Detection & Selection	•	•	•	•
24-bit/96kHz A/D and D/A Converters				
DSP Processor	32-Bit SHARC® Processor by Analog Devices with THX Crossover and Bass Peak Level Manager	32-Bit SHARC® Processor by Analog Devices	32-Bit SHARC® Processor by Analog Devices	High Precision Processor
Full Digital Bass Management		•	•	•
Adjustable Analog Input Sensitivity with Individual Source Memory	•	•	•	•
Digital/Analog Record Mode (Auto/Manual)	•	•	•	•
Midnight Mode (Dynamic compression system in Dolby Digital and DTS mode)	•	•	•	•
Bass & Treble Controls	•	•	•	•
Loudness Control	•	•	•	•
Bass Boost Control	•	•	•	•
Audio Connections				
Digital Audio Inputs	2 Optical, 2 Coaxial	2 Optical, 2 Coaxial	2 Optical, 2 Coaxial	1 Optical, 2 Coaxial
Digital Audio Output	1 Optical	1 Optical		
6-Channel Analog Input	•	•	•	
Stereo Analog Audio Inputs (Total)	7 (except 6-Channel Analog Input)	7 (except 6-Channel Analog Input)	7 (except 6-Channel Analog Input)	6
Phono Input with RIAA Equalization				
Audio Record Outputs	2	2	2	1
Preouts	L/C/R/LS/RS/SW/ SurrBack L/SurrBack R	Subwoofer	Subwoofer	SurrBackL/SurrBackR Subwoofer
Front-Panel A/V Aux Input (Audio)	Analog L/R	Analog L/R	Analog L/R	
Zone B Preouts	Left/Right			
Headphone Jack	•	•	•	•
Video Connections				
Video Inputs (Total)	3 Component, 5 S-Video, 5 Composite	3 Component, 5 S-Video, 5 Composite	2 Component, 5 S-Video, 5 Composite	2 Component, 3 Composite
HD-Compatible Component Video Inputs/Outputs	•	•	•	•
Video Up-converting from Composite to S-Video	•	•		
Video Record Outputs	1 Composite, 1 S-Video	1 Composite, 1 S-Video	1 Composite, 1 S-Video	1 Composite
Video Monitor Outputs	1 Component, 1 S-Video, 1 Composite	1 Component, 1 S-Video, 1 Composite	1 Component, 1 S-Video, 1 Composite	1 Component, 1 Composite
Front-Panel A/V Aux Input (Video)	1 S-Video, 1 Composite	1 S-Video, 1 Composite	1 S-Video, 1 Composite	
Zone B Video Output (Composite)	1			
Tuner Features				
Quartz PLL Synthesized Tuning	•	•	•	•
Station Presets	40	40	40	40
Automatic and Manual Tuning	•	•	•	•
Preset Call (using Remote)	•	•	•	•
General Features				
Same Source Multi-Zone Operation (Audio & Video)	•			
IR Sensor Input	1			
IR Repeater Outputs	2			
Fluorescent Dot Matrix Display with Volume Indication	1-Line, 15-Character	1-Line, 15-Character	1-Line, 15-Character	1-Line, 8-Character
Display Dimmer Control	•	•	•	•
Audio Muting	•	•	•	•
AC Accessory Outlets (Switched)	2	2	2	2
Finish(Front Panel)	VR-9070-S: Silver, Hairline Aluminum VR-9070: Black, Hairline Aluminum	VR-9060-S: Silver, Hairline Aluminum VR-9060: Black, Hairline Aluminum	VR-9050-S: Silver, w/Blast finish VR-9050: Black, w/Hairline Finish	VR-906-S: Silver, w/Blast finish VR-906: Black, w/Hairline Finish
Automatic Gaming Plug & Play: Auto-Detects Game Box & Auto-Selects Game Input & Surround Mode	•	•	•	•
Remote Control Features				
LCD Learning / Universal Pre-Programmed Remote	•			
Universal Pre-Programmed Remote		•		
Kenwood System Remote			•	•
Direct Input Source Selection (using Remote)	•	•	•	•
Dimension				
Width inch. (mm)	17-5/16 (440)	17-5/16 (440)	17-5/16 (440)	17-5/16 (440)
Height inch. (mm)	6-9/16 (166)	6-1/4 (159)	6-1/4 (159)	5-5/8 (143)
Depth inch. (mm)	15-5/8 (397)	15-5/8 (397)	15-7/16 (392)	11-15/16 (303)

Kenwood Fineline™ Receiver Features

Power Output	VRS-N8100	VRS-7200
Stereo Power: Left/Right (20Hz-20kHz, 0.7% THD, 6 ohms)	100 Watts per Channel	100 Watts per Channel
Surround Power: Left/Right (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts	100 Watts + 100 Watts
Surround Power: Center (1kHz, 0.5% THD, 6 ohms)	100 Watts	100 Watts
Surround Power: LSurround/RSurround (1kHz, 0.5% THD, 6 ohms)	100 Watts + 100 Watts	100 Watts + 100 Watts
Surround Power: Surround Back (1kHz, 0.5% THD, 6 ohms)	100 Watts	100 Watts\

Amplifier Features		
PurePath Digital™ Power Amplifier	•	•
KAM-1™ High-Efficiency Power Amplifier		
Lever type colored speaker terminal	Center, Surround, Surround Back/SW	Center, Surround, Surround Back/SW
Banana Plug-Compatible Speaker Connectors	Front Speaker Channels (Gold plated)	Front Speaker Channels (Gold plated)

Audio Features		
Dolby Digital and DTS Digital Surround Sound	•	•
Dolby Pro Logic II with Music Mode Adjustments	Dolby Pro Logic IIx	Dolby Pro Logic IIx
Dolby Digital EX Digital Surround Sound	•	•
Dolby Virtual Speaker	•	•
Dolby Headphone	•	•
DTS-ES 96/24 (Discrete & Matrix & Neo: 6)	•	•
5 Audio DSP Modes (Arena/Jazz Club/Theater/Stadium/Disco)	•	•
Active EQ by DSP (Cinema, Music and Game mode)	•	•
Automatic Digital Signal Format Detection & Selection	•	•
DSP Processor Processor by	32-Bit SHARC® Processor by Analog Devices	32-Bit SHARC® Processor by Analog Devices
Full Digital Bass Management	•	•
Adjustable Analog Input Sensitivity with Individual Source Memory	•	•
Digital/Analog Record Mode (Auto/Manual)	•	•
Midnight Mode (Dynamic compression system in Dolby Digital and DTS mode)	•	•
Bass & Treble Controls	•	•

Audio Connections		
Digital Audio Inputs	3 Optical, 2 Coaxial	3 Optical, 2 Coaxial
Stereo Analog Audio Inputs	6	6
Audio Record Outputs	1	1
Preouts	SurrBack L/SurrBackR/ Subwoofer	SurrBack L/SurrBackR/ Subwoofer
Front-Panel A/V Aux Input (Audio)	Analog L/R w/optical digital input	Analog L/R w/optical digital input
Headphone Jack	•	•

Video Connections		
Video Inputs (Total)	2 Component, 2 S-Video, 5 Composite	2 Component, 2 S-Video, 5 Composite
HD-Compatible Component Video Inputs/Outputs	•	•
Video Record Outputs	1 Composite	1 Composite, 1 S-Video
Video Monitor Outputs	1 Component, 1 S-Video, 1 Composite	1 Component, 1 S-Video, 1 Composite
Front-Panel Game Input (Video)	1 Composite	1 Composite
Front-Panel A/V Aux Input (Video)	1 Composite	1 Composite

Networking Features		
Ethernet Connection	1	
PCMCIA Card Slot	1	
Video Decording	MPEG-1, MPEG 2, Xvid, DivX® video	
Audio Decording	WAV, MP3, WMA, Ogg Vorbis	
Still Picture Format Recording	JPEG, Bitmap, GIF, PNG	
GUI Operation for Networking Function	•	

Tuner Features		
Quartz PLL Synthesized Tuning	•	•
Station Presets	40	40
Automatic and Manual Tuning	•	•
Preset Call (using Remote)	•	•

General Features		
Dual-Source/Single Zone Operation: Headphone Output/Speaker Outputs	•	•
Automatic Gaming Plug & Play: Auto-Detects Game Box & Auto-Selects Game Input & Surround Mode	•	•
GUI Operation for Net working Functions & Receiver Setup	•	
High-Resolution Digital Volume Control	•	•
Fluorescent Dot Matrix Display with Volume Indication	4-Line, 20-Character	1-Line, 9-Character
Audio Muting	•	•
Finish (Front Panel)	Silver, Hairline Aluminum	Silver, Hairline Aluminum

Remote Control Features		
Universal Pre-Programmed Remote	w/Xbox & PlayStation 2 Codes	w/Xbox & PlayStation 2 Codes

Dimension		
Width inch. (mm)	17-5/16 (440)	17-5/16 (440)
Height inch. (mm)	3-1/8 (79)	3-1/8 (79)
Depth inch. (mm)	14-5/16 (364)	14-5/16 (364)

DVD Player Features

DVD Player Features	DVF-3250-S/DVF-3250-B
Single Disc Capacity	•
Plays DVD-Video, DVD-R/-RW, DVD+R/+RW, VCD-Discs	•
Plays DivX Video	•
PlaysWMA & MP3-Encoded CD-R/RW Discs	•
JPEG Photo CD View Capability	•
Dialog Language & Subtitle Functions	•
Parental Control	•
Programmable Memory (CD)	32 Tracks
Random, Repeat & A-B Repeat Play	•
Book Mark Function	•
Search/Still /Slow Motion Play	•

Video Features	
Progressive Scan Video Output	•
Video D/A Converter	12-Bit, 54MHz
Twin Focus Laser Pickup	•
Multiple Screen Aspect Rations	•
Video Outputs	1 Component, 1 S-Video, 1 Composite

Audio Features	
24-Bit/96KHz Sampling D/A Converter	•
24-Bit/96KHz-Capable Digital Outputs	1 Coaxial
Analog Audio Outputs	L/R

General Features	
On-Screen Menu System	•
Finish	DVF-3250-S: Silver, w/hair line finish DVF-3250-B: Black, w/hair line finish

SIRIUS Tuner Features

SIRIUS Tuner Features	DT-7000S
Tuner Type	Home
Display	Large 4-Line Scrolling
Search Modes	Stream, Category, Artist, Song, Preset
Multiple Display Modes	Normal, Large Font
Song Title and Artist Memory/Recall	up to 24 Songs/Artists
Song Seek	up to 24 Songs/Artists
Stream Skip	•
Stream Look-Ahead	•
Direct Stream Number Input	Using Front Panel & Remote
Stream Presets	80 (4 Nameable Banks of 20)
Parental Look with Password Protection	•
RS-232C Control Input	•
Optical Digital Output	•
Audio Outputs	Left & Right RCA
Adjustable Display Brightness	3-Level
Adjustable Display Contrast	•
Clock	•
Alarm Function	•
Sleep Timer	•
Auto Shutoff	•
Required Accessories	CX-SRH30 Antenna

SIRIUS Syste1m Features	
3 High-Altitude Geo-Synchronous Orbiting Satellites Minimize Service Interruptions and Multipath Interference	•
Coast-to-Coast Coverage	•
Superior Sound Quality	•

Subscription Service Features	
More than 60 Commercial-Free Music Streams	•
More than 40 News, Sports and Information Streams	•

Included Accessories	
Full-Function Wireless Remote	with Fully Discrete Command Set

Optional Accessories	
CX-SRH30 Antenna	•

Wireless System Features

Wireless System Features	RFU-6100
Includes RF Transmitter and Receiver	•
RF Transmission Frequency	914MHz
Selectable RF Channels	4
Active Noise Reduction Compander Circuitry	•
Automatic 0-Bit Muting When Not Transmitting	•
RF Receiver Auto Power On/Off Function	•
Built-in Digital Amplifier for Surround Speakers	50 Watts x 2 (1KHz, 10% THD, 8 ohms)
Speaker Level Audio Signal Inputs	Compatible with Amps up to 120 Watts/ch
Plug-Type Speaker Outputs	•