HOME THEATER

ELITE

Look closely. Beautifully sculpted forms. The promise of performance. The hint of power, poised just beneath the surface. The Pioneer Elite® line is the finest in home theater. Turn it on and you realize it's much more. With each component – from plasmas and receivers to Blu-ray Disc® players and speakers – designed to seamlessly work together – this is your own personal shuttle to worlds unknown.

GET IN. ENJOY THE RIDE.

SIGHT SOUND SOURCE

THE ART AND SCIENCE OF HOME THEATER. We believe engineering is a creative endeavor. And a lifelong calling. It is the daily pursuit of perfection. A constant battle against the constraints of materials, physics, often time itself. For what our engineers are looking to achieve is phenomenal – in the pursuit of purer sound, clearer images, they're trying to mimic the most perfectly engineered components of all: the human senses. Are we getting any closer? Spend some time with the 2006 Pioneer Elite® line. Experience high definition. With the HD signal pure across audio and video, see what is possible. Plasmas that display Blu-ray Disc® images at full resolution, or receivers and speakers that work in tandem to treat you to pristine sound. Components designed to work together seamlessly – get ready for home theater like you've never experienced before. Then tell us if you think we're getting closer. We think we are. Welcome.

Cinephiles, audiophiles, technophiles, rejoice.
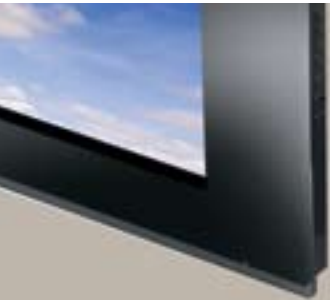
◀ **Sight.** *From high definition to 1080p, Pioneer's latest line of Elite plasma televisions represents a huge leap forward. The culmination of years of research and innovation, they build on everything we've learned so far.*
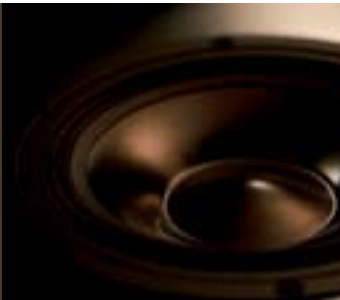
◀ **Sound.** *Lauded by experts, critics and audiophiles world-wide, the Pioneer EX line of speakers is packed solid with breakthrough ideas, from the drivers and diaphragms to the beautiful cabinets. A single note will say far more than we can tell you.*

◀ **Source.** *Elite receivers and Blu-ray Disc players are at the forefront of the evolution – and revolution – of high definition. With innovative engineering and category-leading audio and video capabilities, they're set to take your movies, music and gaming to levels previously unimagined.*

POWER

MUSIC
MOVIES
PHOTOS
VIDEO
▶ LIFE

HOME MEDIA GALLERY

IT'S ABOUT TIME YOUR DIGITAL CONTENT WAS RELEASED FROM THE CONFINES OF SMALL SCREENS AND SMALLER SPEAKERS. With the Home Media Gallery, you can experience your movies, music and photos on your home theater system, in all their glory. And where can you get one for yourself? The Home Media Gallery is standard on the Pioneer Elite® Blu-ray Disc® player and Elite plasma televisions. Connect your screen or player to your existing home network, and the Gallery automatically seeks out your digital content. In fact, if you have several computers networked together, you can pull content off each and every one, as you choose. Sit back, relax. This is your living room, and here, you rule.

Playback your life.

◄ Lights, Camera, Couch. *Bypass the local video store, download legal copies of the latest releases to your PC and enjoy them on your high-def plasma. From the latest Hollywood blockbuster, to the goofy video from your friend, the Home Media Gallery through the network can play them all.*

◄ From Alternative to Zydeco. *Finally put all your CDs on your computer? Now listen to them on your home theater system. Easily access your entire music library, create song lists, even mixes for every occasion. Whether it's Microsoft PlaysForSure™ protected content you purchased or CDs you ripped, enjoy it all.*

◄ Say cheese. *Instead of having everyone cluster around the computer screen, get them to sit back in the living room. Then put on a slide show of the photos saved on your PC, on our plasma, in high-definition resolution. Set time aside for multiple replays.*

The digital world is your oyster.

Lift just one finger.
Download media to your PC and it quickly shows up on your Home Media Gallery. Navigating through your content is as easy as picking up the remote.

SIMPLE AND POWERFUL, THE HOME MEDIA GALLERY IS THE WAY TO CONNECT TO YOUR DIGITAL LIFE. Make every slide show an occasion, every playlist a party. With the brilliant sound and picture quality of the Elite® line on your side, it's easy.

BE MORE DEMANDING
Choose when and what you want to watch and hear. The Internet has liberated us from the tyranny of the timetable. Don't plan your evening around your favorite show. Find what you want, download it to your PC, and let your movies and shows come to you. Spend less time waiting and more time interacting. It's a whole new world – let the Home Media Gallery connect you to it.

THE QUALITY OF HIGH DEFINITION
Most available digital media players in the market don't have the capability to handle high definition. As an integral part of Pioneer's Elite line, not only does the Home Media Gallery do high def, it does it exceedingly well. Watch your movies and your slide shows at your display's full resolution. Standard or high definition, your Gallery is always ready to go.
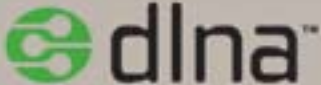
WIDE COMPATIBILITY
With the huge proliferation of digital devices – from cameras and personal music players to camcorders and home studios – people are consuming and creating digital content at an amazing rate. And along with content, there has been a mushrooming of various audio and video formats as well. The Home Media Gallery is designed to embrace many popular formats, so what you have at your fingertips is plug-and-play simplicity. And it's Digital Living Network Alliance certified, so the Gallery is fully compatible with all other DLNA 1.0-compliant devices. Spend your time downloading your favorite movies and music – not patches and drivers.

EASY SETUP AND OPERATION
No matter how advanced the technology, the Home Media Gallery is easy to connect to your existing home network. An intuitive onscreen graphic interface helps you as you set up key features. And with easy-to-read displays and user-friendly remotes, the Gallery's primary goal is get you to your entertainment as quickly and effortlessly as possible. Enjoy.

◄ **Bring on the resolution.** *Got some full high-definition content? Unlike most current digital media players, the Home Media Gallery easily streams content at resolutions of up to 1920x1080p, taking full advantage of the maximum resolution of your panel. Say goodbye to distorted video.*

◄ **We're on the same team.** *The Elite plasma televisions and Blu-ray Disc® player are Digital Living Network Alliance certified. That means you have compatibility with networked music, video and photo content from other DLNA 1.0-compliant devices, regardless of brand.*

◄ **PlaysForSure.™** *Get your PlaysForSure-protected content from a range of popular online movie and music service providers. Whether you buy, rent or subscribe, the Home Media Gallery can easily play back your music and movies. Look for the PlaysForSure logo and you're good to go.*

A couple clicks for access

to all your photos,

your music

and your movies.

Move your digital content out to where everyone can see.

Connect the Home Media Gallery to your existing home network and it automatically finds your photos, music and movies. And if there's more than one computer connected to the network, even better. The Gallery will find content on that one too.

Windows® XP PC

Requires Microsoft Windows® XP and Windows Media Connect Software. See page 36 for details.

Broadband Router

Elite® Blu-ray Disc® Player

Cable DSL Modem

◀ **Now hear this.** *Music or movies, your audio deserves multi-channel surround sound and the Home Media Gallery treats it right. The Gallery maintains all original audio information, so a movie in Dolby Digital® audio plays back in Dolby Digital. A wide range of other formats are supported as well.*

◀ **Easy does it.** *With simple, intuitive onscreen menus, the Home Media Gallery makes navigating through all your digital content a breeze. Presented in full high definition, the interface brings a new level of readability and ease of use as you search, sort and organize.*

◀ **Invite all formats.** *The Home Media Gallery supports the most common audio and video formats used today, from WMVHD and MPEG1 for video to MP3 and WMA Pro for audio. Spend less time figuring things out and more time enjoying them.**

*Music and video from the Apple iTunes® Store currently not supported.

PUREVISION™ PLASMA DISPLAYS

OPEN YOUR EYES AND PREPARE TO BE TRANSPORTED. Hidden from view, some of the most powerful technology is at work – but all you'll see are new worlds, the power of the imagination and an invitation to your senses. Let yourself go. Never has so much passion, style and technology been packed into a slimmer space. Pioneer leads the field with a relentless stream of ideas. But don't take our word for it – let your eyes judge for themselves. Turn on the new Elite® PureVision plasma series and you'll see the breakthroughs in brilliant detail. Dedicated to the pursuit of the pristine image, with lifelike images, fluid motion and outstanding pixel quality, the latest generation of Pioneer Elite plasmas represents the culmination of years of innovation.

A thousand words are not enough.

*◂ **Solitary confinement.** Pioneer plasma displays are made of millions of tiny phosphor-filled cells and effectively isolating them from each other is the way to a more accurate picture. The Deep Encased Cell Structure of a PureVision display is what sets our cells apart so there's no light leakage, only stunning images.*

*◂ **More contrast, please.** Our Crystal Emissive Layer – a thin layer of magnesium – is inserted between the plasma glass and individual light cells, leading to increased contrast and blacker blacks. It allows cells to be charged and discharged three times faster, for greater light emission and a brighter image.*

*◂ **Even easier to appreciate in the light.** Brighten up the room and the Elite PureVision shines. Pioneer's First-Surface PRO Color Filter is a layer of film that replaces the exterior plasma glass panel, which gives accurate and vibrant color reproduction. You'll see it working right before your eyes.*

AWE

Say hello to the leading edge of plasma technology.
1080p is the highest resolution available today and to offer it in a 50-inch monitor, Pioneer engineers performed an incredible feat. Through their tireless dedication to technology development, they doubled the number of pixels in the panel to over two million, creating astounding image quality. It's an achievement that remains unmatched in the industry. This new panel has the ability to up-convert lower-resolution signals for improved HD detail, color accuracy and fast-moving image clarity. Now you know why you can't look away.

PRODUCT TECHNOLOGY FEATURES

HIGH-DEFINITION TELEVISION
HDTV MONITOR

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

SRS WOW

PURE CINEMA II

DOLBY DIGITAL

For additional features, see specifications tables on page 35.

PRODUCT SPECIFICATIONS

• 1,920 x 1,080 High-Definition Resolution*

• 2,073,600-Pixels

• 1,080 Progressive Image Reproduction

• 16:9 Aspect Ratio (14:9 Selectable Screen Mode Option)

PRO-FHD1

**WORLD'S FIRST 50" 1,080P RESOLUTION
HIGH-DEFINITION PLASMA MONITOR**

PURE
vision
PIONEER PLASMA DISPLAY

50"

EXCLUSIVE PANEL TECHNOLOGIES

- Redesigned Deep Encased Cell Structure
- New Improved Red and Blue Phosphors
- Crystal Emissive Layer
- New First-Surface PRO Color Filter*

EXCLUSIVE VIDEO PROCESSING TECHNOLOGIES

- PureDrive II
- Advanced PureCinema
- ACE IV
- Active Dynamic Range Expander*
- Digital & MPEG Noise Reduction

CONVENIENCE FEATURES

- Selectable AV and Screen Modes
- SRS® (WOW)/TruBass Surround Sound
- Multi-Window Display Modes
- ISFccc Custom Video Calibration Ready*

*Elite Only Features

PRO-1540HD

**60" HIGH-DEFINITION
PUREVISION PLASMA TELEVISION**

PRO-1140HD

**50" HIGH-DEFINITION
PUREVISION PLASMA TELEVISION**

60"

50"

DECISIONS, DECISIONS, DECISIONS.

With a beautiful 60-inch, 50-inch and
a 42-inch television to choose from, we
can understand if you're tempted. Just
remember – any decision you make will be
a wise one.

For additional features, see specifications tables on page 35.

PRODUCT TECHNOLOGY FEATURES

PRODUCT SPECIFICATIONS

• PRO-1540HD 1,365 x 768 16:9 WXGA Television

• PRO-1140HD 1,365 x 768 16:9 WXGA Television

• PRO-940HD 1,024 x 768 16:9 XGA Television

PRO-940HD

**42″ HIGH-DEFINITION
PUREVISION PLASMA TELEVISION**

42″

EXCLUSIVE PANEL TECHNOLOGIES

• Redesigned Deep Encased Cell Structure

• New Improved Red and Blue Phosphors

• Crystal Emissive Layer

• New First-Surface PRO Color Filter*

EXCLUSIVE VIDEO PROCESSING TECHNOLOGIES

• PureDrive II

• ACE IV

• Intelligent Color Enhancement*

• Color Zone Mapping*

• Digital, MPEG and Block* Noise Reduction

• Active and Intelligent Dynamic Range Expander*

CONVENIENCE FEATURES

• One-Body Construction with Dual NTSC and ATSC Tuner

• Home Media Gallery*

• TV Guide On-Screen®

• Selectable AV and Screen Modes

• SRS® (WOW)/TruBass Surround Sound

• ISFccc Custom Video Calibration Ready*   *Elite Only Features

ON OR OFF, THE ELITE® PUREVISION™ PLASMA PROVOKES CONVERSATION. You've seen nothing like it before. Turn it on and you are treated to unparalleled clarity, depth, detail, united by remarkable ease of use. Turn it off and enjoy a sleek black finish that's fit for a museum. Beauty and brains, together at last.

WHAT YOU SEE IS WHAT YOU GET

The Deep Encased Cell Structure of a Pioneer Elite plasma isolates each plasma cell in its own four-walled enclosure. Not only does the panel use new and improved phosphors in each cell, this structure ensures no light escapes into adjacent cells. The resulting pure, concentrated beams create brighter, truer images. To increase the contrast of these images, a newly developed Crystal Emissive Layer is inserted between the plasma glass and the cells. This allows each cell to be charged and discharged faster, for greater light emission. You'll see blacker blacks, but even so, lighter areas of the screen will maintain their brightness. But we're not done yet. A Pioneer-exclusive Elite grade filter is then optically bonded directly to the plasma glass. The First-Surface PRO Color Filter minimizes the effects of refracted and ambient light, providing vibrant color reproduction even in a bright room.

Keeping signals pure. Pioneer's exclusive Pure Drive II technology gives you the truest picture possible. The drive keeps signals entirely in the digital domain, instead of switching between analog and digital. This process helps maintain all the depth and detail of the original signal.

The many shades of gray. Low-light situations can be problematic for displays, as they struggle to reproduce details in dark images. Pioneer's Advanced Continuous Emission IV Technology is able to reproduce finer details in much darker scenes.

See our true colors. Pioneer has equipped each plasma with improved red and blue phosphors so you can enjoy an increased color gamut and a wider color space than ever before. Intelligent Color auto-detects scenes to adjust colors to be more natural and accurate for better color management.

BUILT BETTER INSIDE OUT

Pure Drive II, a Pioneer exclusive, keeps video signals entirely in the digital domain, never down-converting them back and forth between analog and digital. This process maintains the original depth of the signal and contributes to finer gradations, lower video noise and more natural color reproduction. Picture quality gets a further boost by the Advanced Continuous Emission IV Technology integrated into Pure Drive II. It enables Pioneer Elite® plasmas to accurately reproduce an astounding 1,024 grayscale steps for each color. Smoother gradations mean more colors and finer details, even in low light. And you'll see Elite plasmas cleanly render fast-moving sport images, action and video games without the digital artifacts or motion problems of other flat displays.

SPEND MORE TIME ON THE COUCH

All Elite plasma televisions come with the innovative Home Media Gallery pre-installed. Connect your plasma to an existing home network and it finds and displays your downloaded films, your favorite music and slide shows of your treasured photos right from your computer. Access content easily with your remote, and enjoy it in stunning detail – your plasma will do them all justice.

BEAUTY LIES IN THE EYES OF THE BEHOLDER

That's why Elite plasmas offer you several modes such as Movie, Pure and Game to customize picture settings according to your personal style and mood. As an optional service through your Elite dealer, you can also have a trained professional calibrate contrast, tint, sharpness and color levels, taking into account room layout, size and ambient light. These ISFccc calibrations will give you unparalleled picture accuracy and a plasma customized to your preferences and viewing environment.

For more information, visit www.pioneerpurevision.com

First-Surface PRO Color Filter

Crystal Emissive Layer

Deep Encased Cell Structure
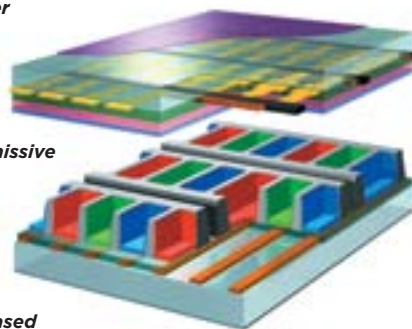
Watch it? Or admire it?

Look Behind the Glass

Every square inch of your Elite plasma is packed with innovative thinking and sublime engineering. A range of patented Pioneer technologies work in concert to give you a brighter, colorful and more lifelike picture.

◀ *We didn't forget your ears.* Just because your eyes are feasting doesn't mean your ears should starve. With three built-in surround modes – SRS® WOW, Focus and SRS TruBass® – you have a range of options. And the new two-way speakers, matched with sound processing technology, more than deliver.

◀ *As you like it.* The PureVision picture is stunning right out of the box – but with six mode choices you can customize it to your personal taste. Plus, through your authorized Elite dealer, an ISFccc-trained professional will calibrate the picture to your room, so your plasma best fits your viewing environment.

LCD
REAR PROJECTION
PLASMA
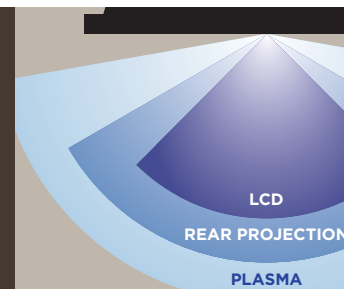
◀ *Every seat in the house is the best seat in the house.* Unlike LCD panels and rear-projection monitors, an Elite Plasma doesn't play favorites. With a field of view as wide as 160 degrees, you're free to sit, stand or lie down anywhere you please without distortion or color shift. A stunning view from any angle.

MORE OF EVERYTHING

BLU-RAY DISC & DVD PLAYERS

Your eyes can perceive up to 10 million colors. Don't bore them.

FEEL FREE TO BLINK OCCASIONALLY. Remember how DVDs first took your breath away? Multiply that feeling many, many times and you'll get a feeling of what's coming your way. With Blu-ray Disc,® optical disc technology has made a quantum leap. Sight, sound, interactivity – Blu-ray does it all, and does it so well that you'll only believe it when you experience it firsthand. With a resolution of up to 1080p,* the Blu-ray format has the ability to take full advantage of current high-definition technology. Add theater-quality uncompressed audio with up to 7.1 channels of surround to that stunning picture and you're on your way to making your plasma screen very happy. Not to mention your eyes.

Requires 1080p display.

◀ **Prequels. Sequels. Entire seasons. All on one disc.** 50 GBs – over five times the capacity of a dual-layer DVD. With Blu-ray Disc, studios can now put a movie and bonus features on one disc – all in HD. With enhanced picture, audio and interactivity, your entertainment will never be the same.

◀ **The hardest working disc in show business.** For the best picture, the name of the game is bit rate. DVDs deliver around 10 mbps. HD broadcasts push that to 19. And Blu-ray raises the bar to 40 mbps. That's more than twice the bit rate of HD broadcasts. Prepare to be amazed.

◀ **Join the revolution.** Thanks to its amazing capacity, resolution and versatility, the Blu-ray Disc format has won the support of over 170 companies in fields as diverse as electronics, computing, gaming, music and movies. Among them are seven leading Hollywood studios. Put your name on the list.

BDP-HD1

BLU-RAY DISC PLAYER

PRODUCT TECHNOLOGY FEATURES

SPECIFICATIONS

• Up to 1080p High-Definition Output

• Compatible with BD-ROM/BD-RE/BD-R/DVD-R/DVD-RW

• Twin Laser Single Lens Pick-up

• Advanced Digital Direct Pixel Drive

• Burr-Brown PCM 1738 196 kHz/24 bit D/A Audio Converters

CONVENIENCE FEATURES

• Home Media Gallery

• DNLA Certified

• Windows® Media Connect Compatibility

• PlaysForSure,™ WMA, MP3 and JPEG Playback

For additional features, see specifications tables on page 36.

Higher than high definition.

YOU'VE NEVER EXPERIENCED SOUND AND PICTURE LIKE THIS BEFORE. What else would you expect from a company that has been innovating in the field of optical technology as far back as the '70s? Pioneer introduced the first commercial laser disc player in the late '70s and we've continued to push the field forward since.

LET THE SOUND SURROUND YOU

With up to 7.1 channels of surround sound, this is an audio experience that will knock you back. The Blu-ray Disc® format has the capability to play your music, movies and games to their full audio potential.

INTERACT NOW

With the power of Java technology, Hollywood can take content to a whole new level of interactivity. Imagine you'll experience amazing extras such as in-movie gaming, virtual tours by the film's director and exploring the detailed educational facts and stories surrounding a film's events as they happen.

And with Blu-ray's interactive menus-on-the-fly feature, you'll become part of a whole new immersive environment at the touch of a button — without even having to leave the movie.

PLAYS WELL WITH OTHERS

Just because you've moved on doesn't mean you have to leave your DVDs behind. Because the BDP-HD1 player uses the same 12-cm and 8-cm discs, it's backward-compatible with all your DVDs, DVD-Rs and DVD-RWs. In fact, pop your discs into your Blu-ray player and it will even up-res the picture. Feel free to move on.

WHATEVER THE QUESTION, THE ANSWER IS BD

Blu-ray gives you the flexibility you need to manage all your media. From prerecorded titles (BD-ROM), to recordable discs (BD-R), and even discs for multiple recordings (BD-RE), Blu-ray is a complete solution. Get ready for BD recorders, game consoles, camcorders and computer drives.

For more information, visit www.pioneerblu-ray.com

This Player does not support direct connection to the Internet or the retrieval of content through the Internet. Pioneer provides a Limited Firmware Warranty for firmware updates in the event of playability issues with some commercially prerecorded discs; however, firmware updates for this Player will not include upgrades for Internet access or retrieval of content. A copy of the Firmware Limited Warranty is available on Pioneer's website at pioneerelectronics.com. Please contact Pioneer's customer service center for more information at (800) 421-1404.

◀ ***Hello, home theater.*** *The Elite® Blu-ray player plays back HD material at an astounding 1080p resolution. It effectively doubles the resolution of 1080i, removing motion artifacts that can come from an interlaced source. Team it with a 1080p plasma and you have one of the finest pictures in the world.*

◀ ***Juiced up with Java.*** *BD Java technology allows Hollywood to give you unprecedented access and interactivity. Imagine enhanced bonus features like in-movie gaming and virtual tours by the film's director. And with the menus-on-the-fly feature, it's all at the touch of a button – without even having to leave the movie.*

◀ ***The power of Blu.*** *The Blu-ray Disc (BD) format uses a shorter wavelength blue-violet laser that can focus on a much smaller spot. This means a lot more data can be packed in much less space than ever before. One BD can hold hours of HD and many times more of SD material. Get everything to go.*

DV-79AVi

**MULTI-FORMAT PLAYBACK
DVD PLAYER**

DV-46AV

**MULTI-FORMAT PLAYBACK
DVD PLAYER**

PRODUCT TECHNOLOGY FEATURES

DV-79AVI

- 192 kHz/24 bit Audio D/A Converter x3
- 10 bit Digital Video Processing
- PureCinema Progressive Scan
- HDMI Output with Video Upscaling to 1080i
- Dual i.Link Outputs

CONVENIENCE FEATURES

- DVD Video/DVD Audio/SACD/MP3/CD Format Compatibility
- Jog/Shuttle Remote Control

DV-46AV

- 192 kHz/24 bit Audio D/A Converter
- HDMI Output with Video Upscaling to 1080i

CONVENIENCE FEATURES

- DVD Video/DVD Audio/SACD/MP3/CD Format Compatibility
- Advanced GUI
- Official DivX® Certified Product
- JPEG Photoviewer

DV-F07

**300 + 1 DISC DVD/CD/VCD/CD-R/
CD-RW PLAYER**

PD-F27

301 + 1 COMPACT DISC PLAYER

PRODUCT TECHNOLOGY FEATURES

DV-F07
- A/V Decoder – VQE4
- High Bit Legato Link D/A Converter
- 96 kHz/24 bit D/A Converter

CONVENIENCE FEATURES
- GUI with Advanced Disc Management and Search System
- Up to 600 Disc Control (with Second Unit)
- Key Board and Mouse Title Input (with PS/2 Connection)
- RS232 Interface for PC/Escient

PD-F27
- High Bit Legato Link D/A Converter
- 24 bit D/A Converter

CONVENIENCE FEATURES
- Roulette Rack Mechanism
- 50 Track Best Selection Memory
- Jog Dial
- CD-R/CD-RW Playback

RECEIVERS & AMPLIFIERS

THE ELITE® LINE OF RECEIVERS IS THE NUCLEUS OF YOUR HIGH-DEFINITION HOME THEATER AND AUDIO EXPERIENCE.
Thanks to the relentless advance of technology, you now have access to uncompressed pure audio and video. Connect a Pioneer Elite® Blu-ray Disc® player to your receiver and output to an Elite 1080p plasma monitor at the highest resolution available. Don't lose a single bit of information along the way. And this is just the beginning. Equipped with the DCDi™ video scaler by Faroudja, the VSX-82TXS and the VSX-84TXSi even let you up-convert lower-resolution video, bumping up your DVD, cable and VCR signals to to the resolution of your display. What you have at your fingertips is unprecedented. Control, connect and customize. Just remember to get some sleep along the way.

Meet the brains of the family.

◄ **Where did the cables go?** *Don't see that familiar tangle behind your receiver? It's gone, thanks to the HDMI® connection. A single cable carries a full-strength HDTV signal for pristine audio and video, with room to spare. With no compression, no loss and no mess, HDMI is easy on your eyes in more ways than one.*

◄ **How to get along with your family.** *A single Elite receiver is all you need to spread harmony across the house. Watch your game in the family room; let your teens headbang in the bedroom. Control your components from anywhere in the home. This is Multi-Room Multi-Source. You can call it your shortcut to happiness.*

◄ **Thinking outside the box.** *With the Advanced Multi-Channel Acoustic Calibration System (MCACC), Elite receivers automatically calibrate all your connected speakers. They make delicate adjustments to neutralize the sound field of the listening space, fine-tuning it for pro-level sonic performance.*

VSX-84TXSi

**7.1 CHANNEL A/V RECEIVER FEATURING
HDMI AND ILINK SWITCHING**

VSX-82TXS

**7.1 CHANNEL A/V RECEIVER
FEATURING HDMI & ADV. MCACC**

PRODUCT TECHNOLOGY FEATURES

VSX-84TXSI

• 140 Watts x 7 Direct Energy Amplification

• Rigid Trans Stabilizer Construction

• 4 HDMI Inputs / 1 HDMI Output – 1080p / DVD-A Compatible

• 7 Digital Inputs / 2 Digital Outputs (optical)

• USB Input for PC Audio

• Secondary Main Room Remote with iPod® and XM™ Control

*For additional features, see specifications tables on page 38. *Made for iPod feature is not available on VSX-80TXV.*

VSX-81TXV

**7.1 CHANNEL A/V RECEIVER
FEATURING DIGITAL VIDEO
CONVERSION TO HDMI**

VSX-80TXV

**7.1 CHANNEL A/V RECEIVER
FEATURING 1080P HDMI
& MULTI-ROOM CAPABILITY**

VSX-82TXS

- 130 Watts x 7 Direct Energy Amplification
- Advanced MCACC with 9 Band EQ & Phase Control
- Standing Wave & X-Curve Control
- HD Video Scaling to 1080i or 720p
- 3 HDMI Inputs / 1 HDMI Output – 1080p / DVD-A Compatible
- 3 Zone Multi-Room & Source (Analog A/V Out for Zone 2 / Digital Audio Out for Zone 3)

VSX-81TXV

- 110 Watts x 7 Direct Energy Amplification
- Sharc EX® + 48-Bit Freescale DSP
- TBC Digital Video Conversion up to HDMI
- 2 HDMI Inputs / 1 HDMI Output – 1080p Compatible (Audio and Video)
- iPod® Player Audio Connection – Cable Included
- RS232C Interface

VSX-80TXV

- 110 Watts x 7 Direct Energy Amplification
- Auto MCACC with 5 Band EQ
- THX™ Select 2 Processing & Certification
- TBC Digital Video Conversion up to Component Video
- 2 HDMI Inputs / 1 HDMI Output – 1080p Compatible (Pass Through)
- Multi-Room / Multi-Source

M-10X
2-CHANNEL POWER AMPLIFIER

A-35R
INTEGRATED AMPLIFIER

M-10X SPECIFICATIONS
- 100 Watts Per Channel (Stereo):
  4 Ohms from 20-20,000 Hz with No More
  than .3% Total Harmonic Distortion
- Advanced Direct Energy MOSFET
  Amplifier Design

- Wide Range Linear Circuit
- Transformer Stabilizer
- 4 Ohm Stable (Low-impedance
  Driving Capacity)

A-35R SPECIFICATIONS
- Direct Energy MOSFET Amplification
- 45W x 2, 20-20k @ 8 ohm
  65W x 2, 20-20k @ 4ohm
- Complementary Capacitor Pair
- Tone Control

- Loudness Control
- Low-Noise Designs
- "Direct" Switch
- Phono EQ On/Off
- Amp Mode
- Audio Inputs x 6

- Speaker A/B Switching Relay
- Speaker Outputs x2
- SR (System Remote) Terminal

GREAT RECEIVERS ARE BUILT FROM THE GROUND UP. And with the Elite® line, the innovations begin with advanced construction techniques and extend deep into the technology that goes into the heart of every receiver.

BRUTE FORCE

Every Elite receiver has a 'Digital Core Engine' for the highest-quality digital audio. Sharc-EX® chips and 48-bit Freescale DSP Engines give Elite receivers huge reserves of computing muscle. 24 bit D-A converters in every model further ensure that the signal remains pure from input to output. The Advanced Multi-Channel Acoustic Calibration System with Standing Wave Control puts this power to good use. It evaluates the acoustic characteristics of a room, neutralizes the sound field of the listening space, and automatically detects and calibrates all connected speakers. With THX Select 2,™ Dolby Digital® EX, DTS® Extended Surround, and DTS 96/24 decoding and advanced concert and cinema modes, Elite receivers are well equipped and ready. And it's why they have the unqualified approval of sound engineers at the legendary AIR Studios in London.

MAKE CONNECTIONS

HDMI inputs further enhance an Elite receiver's already formidable connectivity.

HDMI is an all-digital interface for high-quality audio and video. A single cable replaces that familiar tangle of wires and it's all you need to move huge amounts of data – like uncompressed HDTV signals – at speeds of up to 5GBps. And HDMI is plug-and-play ready, so connecting components is a snap. With a dedicated terminal, your receiver is ready for your iPod® digital music player. Use the included cable or the optional IDK-80 iPod dock (sold separately) to charge and control your iPod through familiar onscreen menus. Even access to XM-HD™ with Neural Sound is a snap with an XM Connect-and-Play™ antenna (subscription required for service). And with Pioneer's exclusive Sound Retriever technology, you'll hear your music through your system at near-CD quality.

DESIGNED TO FIT YOUR LIFE

With the Elite line, customization is the name of the game. Add third-party IR receivers and repeaters and you have Multi-Room Multi-Source capabilities. Play a DVD in one room, a CD in another. Control your components from anywhere in the house. And there's more – with the RS232C port and 12V triggers you can build an entire home automation system around your receiver.

For more information, visit www.pioneerelectronics.com

No one ever complains about over-engineering.
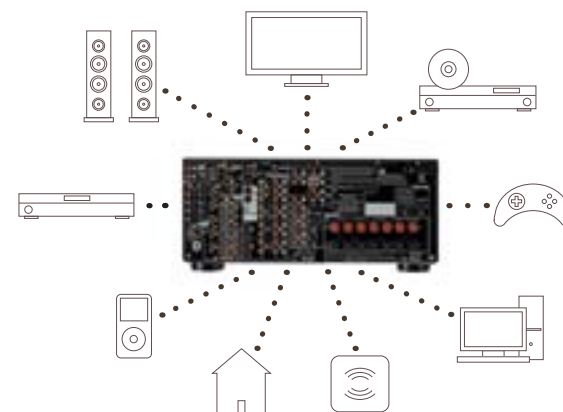
Plug and Party

Your Elite receiver is ready to connect to a wide variety of sources. And it's powerful enough to bring your music, movies and games to life. Before you settle down to enjoy yourself, cross home theater off your to-do list.

◄ **Teach an old VCR new tricks.** *Advanced as they may be, your Elite receivers are considerate enough to get along with all your existing components. Input video signals – composite, S-Video or component – and your receiver's Digital Video Converter outputs them through HDMI to a compatible monitor or panel.*

◄ **All together now.** *If you've ever felt the bass out of sync, you're right. It is. Due to the way receivers process low frequencies, the bass follows five milliseconds later. With a new bass management system, Pioneer's Phase Control technology compensates for this phase lag, significantly improving multi-channel sound.*

◄ **Park your iPod.** *And your XM radio. Thanks to a dedicated iPod terminal, your iPod player and Elite receiver will get along fine. Your iPod even charges up while connected. Add an XM Connect-and-Play™ antenna for access to your XM-HD with Neural Sound. View menus for both onscreen and control them with your remote.*

PASSION

EX SERIES SPEAKERS

THE INCREDIBLE SOUND OF THE EX SERIES HAS BEEN OVER 30 YEARS IN THE MAKING. The notes you hear now were first struck in 1975, when Pioneer's Technical Audio Device department developed the TAD Pro Audio monitoring drivers, soon to be acknowledged as the 'best of the best' in the industry. Not soon after, the legacy technology of these drivers led to the TAD-M1, a speaker system widely acclaimed for its clarity, detail, range and dynamics. The EX series followed in 2005, using many of the technologies of the groundbreaking TAD-M1 driver. Engineered with superior materials and obsessive attention to detail, EX speakers are designed to do their job exceedingly well. And their aim, above all, is to remove the barriers between you and the performance.

Hear it like the artist meant it.

◀ The Power of TAD. *The EX series is built around Pioneer's outstanding TAD tweeter and bass drivers. Crafted to exacting standards, these drivers consistently reproduce true-to-life audio for movies and music. Along the way, they've earned an enviable reputation for performance across the globe.*

◀ Be there. *As far as reproducing sound is concerned, Beryllium is the perfect combination of lightness and stiffness. This mix makes it ideal for tweeter diaphragms, reproducing sound that's pure, crisp and breathtaking. For the EX series, it's the metal of choice.*

◀ You're the center of attention. *For the best listening experience, it's paramount that you hear all sounds – direct and reflected – at the same time. The EX series uses TAD's exclusive Coherent Source Transducer driver technology to precisely control sound direction at all frequencies. The result is extremely smooth sound.*

S-1EX*

FLOORSTANDER

Speakers are sold individually.

S-2EX*

COMPACT MONITOR

Speakers are sold individually.
(Shown with optional speaker stand CP-2EX.)

S-7EX

CENTER CHANNEL

(Shown with optional speaker stand CP-7EX.)

S-W1EX

POWERED SUBWOOFER

PRODUCT TECHNOLOGY FEATURES

LOUDSPEAKER TECHNOLOGY

- Beryllium Tweeter/Magnesium Midrange
- CST Driver
- Aramid / Carbon Composite Shell Woofer
- Large Neodymium Magnet
- Magnetically Shielded-design
- Aerodynamic Frame and Magnetic Circuits
- Perfect Time-alignment with Precision Curve
- Round Enclosure
- Slant-layout Enclosure
- Acoustic Balance Drive Technology
- Phase-Control Design
- Unleaded Solder

SUBWOOFER TECHNOLOGY

- Silent Mount Technology Structure
- Large Diameter Woofer Driver
- Large Diameter Passive Radiator
- Phase-Control Design
- Solid Round Enclosure
- Unleaded Solder

For additional features, see specifications tables on page 39.

WE PUT EVERY RESOURCE AT OUR DISPOSAL IN THE PURSUIT OF PURER SOUND. From materials and engineering to the exquisite craftsmanship, EX speakers justify the effort put into them the moment you hear the first note.

THE HEART OF THE MATTER

Pioneer's critically acclaimed TAD drivers are at the core of the EX line. The tweeter diaphragm is made with ultra-strong and light Beryllium for highly efficient and solid performance. And unlike the relatively small voice coils of regular bass drivers, the EX series bass drivers are a massive 65mm. This allows greater power handling and outstanding dynamics, even at maximum volume. Coupled with industrial-strength Neodymium magnets, both drivers achieve outstanding detail and clarity, smooth response and fluent, coherent sound.

GREAT SOUND IS IN THE DETAILS

EX series tweeters, mid-range and bass drivers are designed in such a way that they allow the unrestricted flow of air behind the cone and the voice coil. The Air-flow Designed Basket Frame may sound like a simple idea, but it prevents sound distortion, even at very high power levels. The 'Precision Curve' of the EX series is another innovation. Traditionally, speaker systems have always had drivers on a flat front baffle. This means sound from each speaker reaches the listener at different times, leading to a muddier overall sound. By placing the speakers on a curve, Pioneer ensures different frequencies reach the listener's ears at the same time.

FIND BALANCE

Vertical standing waves are the bane of every speaker enclosure. Generated inside tall, floor-standing cabinets, they're extremely difficult to control and are responsible for weak, uneven bass response. Or at least they were. Pioneer developed the Acoustic Balance Drive (ABD) to tackle them head-on. Using this unique acoustic simulation software, the port and bass drivers of the EX series are placed in the best position possible to minimize the influence of standing waves. The ABD completely cancels the first wave and significantly reduces the influence of the second one. The result is full, solid bass, with minimal distortion.

For more information, visit www.exspeakers.com

Science. Technology. Engineering. In perfect harmony.

Moving at the speed of sound. From speaker drivers to cabinets, every element of the EX series is precisely engineered to deliver superlative sound.

◀ *Every masterpiece deserves a frame to match.* After putting so much effort into our speakers, we could hardly stop at the cabinets. Crafted from multiple layers of laminated MDF, 30mm to 100mm thick, EX cabinets are designed to remain inert and contribute to the exceptional clarity and focus of the sound.

◀ *United for better sound.* Unlike conventional speaker cones, the unique one-piece cone and center cap construction of the EX series bass drivers adds rigidity and mechanical integrity. This eliminates unwanted cone resonances, improves accuracy and significantly enhances your reputation as a bass monster.

◀ *A symbol of pride.* The EX series was rigorously tested at the world-renowned AIR Studios in London. Founded by legendary producer Sir George Martin, the studio's aural expertise is unmatched. We are happy to have been deemed worthy of their strict studio replay standards.

PUREVISION™ PLASMA DISPLAYS
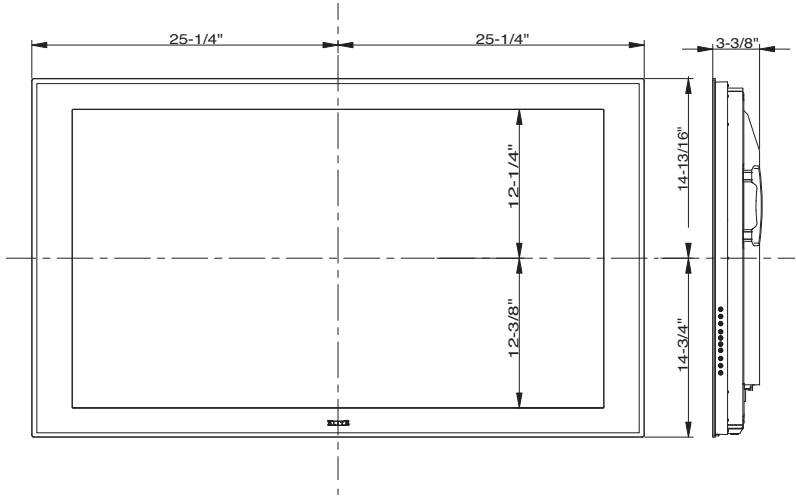
PRO-FHD1

PRO-1140HD
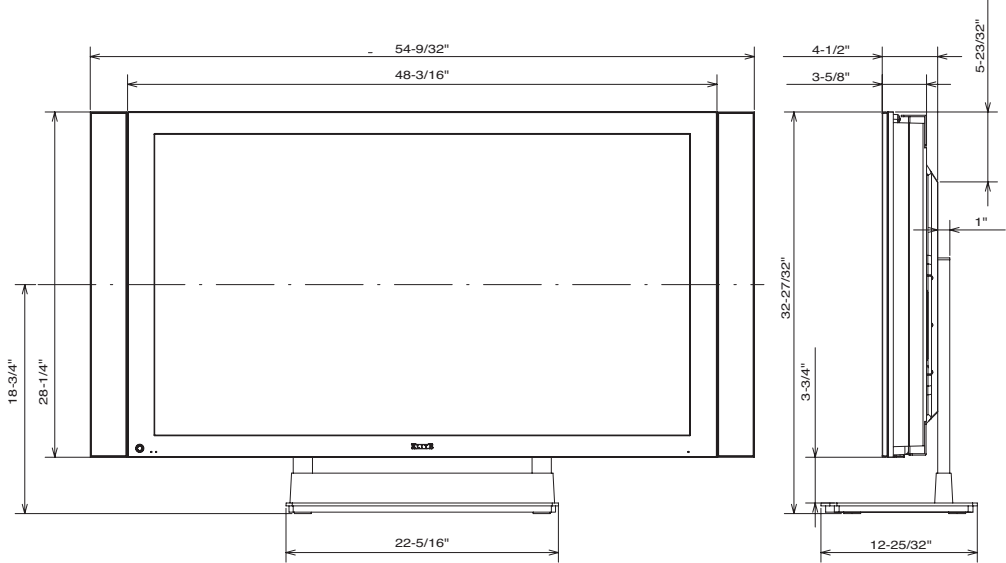
PRO-1540HD

PRO-940HD

BLU-RAY, DVD & CD PLAYERS

BDP-HD1

DV-79AVI

DV-46AV
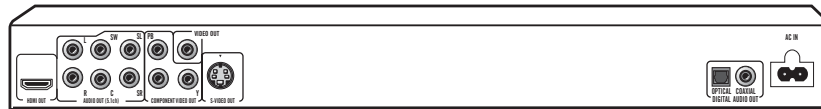
DV-F07

PD-F27

RECEIVERS & AMPLIFIERS

VSX-84TXSi

VSX-81TXV
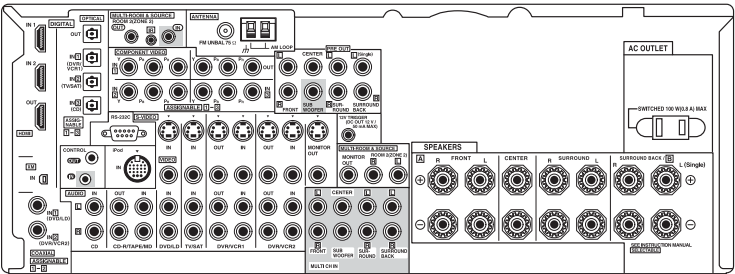
VSX-82TXS

VSX-80TXV

M-10X

A-35R

Product specifications subject to change.
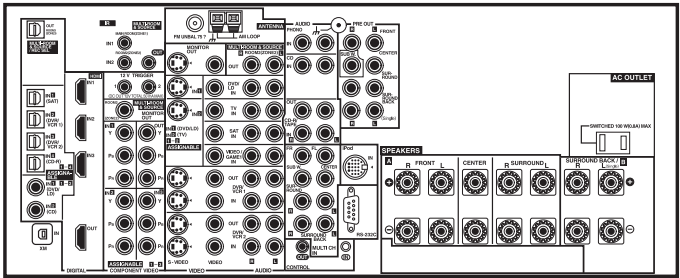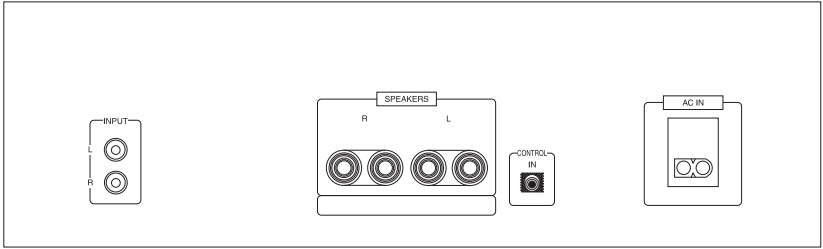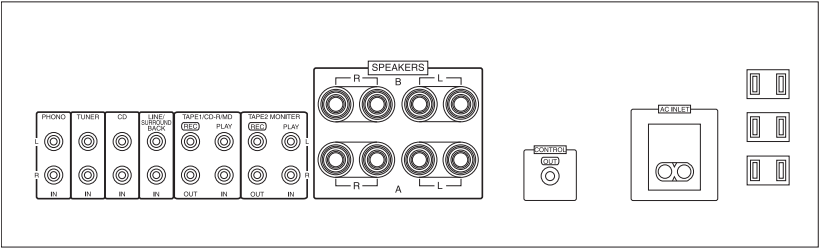
PUREVISION™ PLASMA DISPLAYS

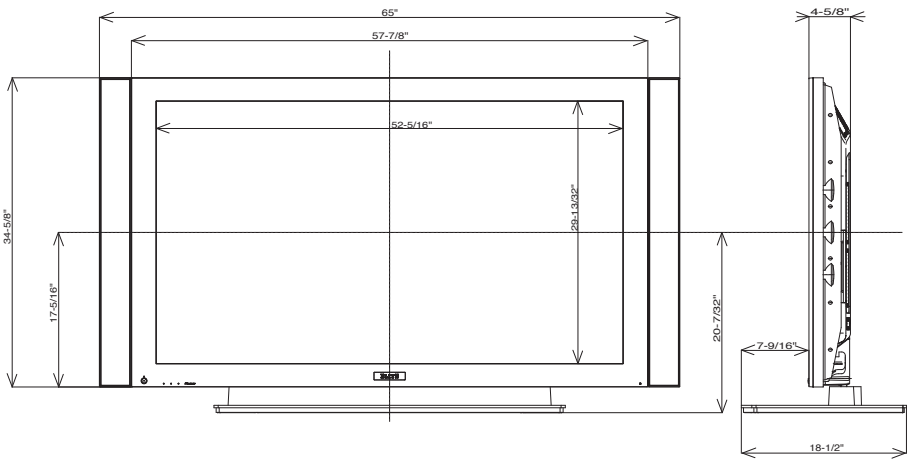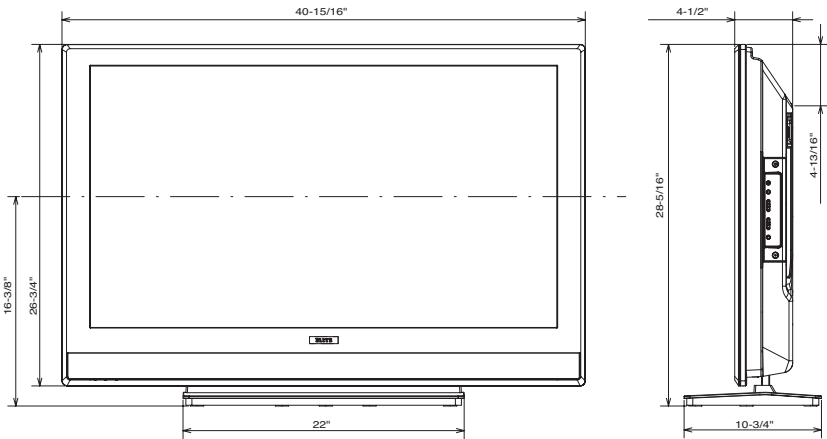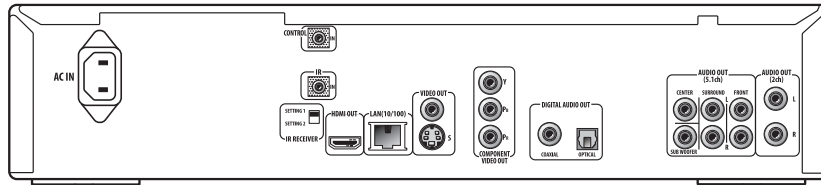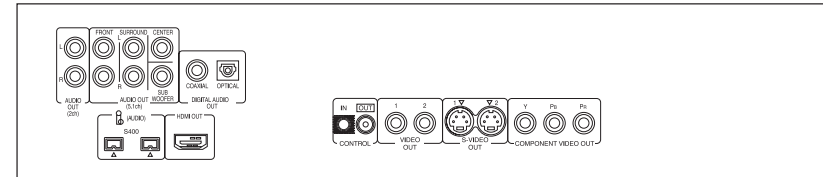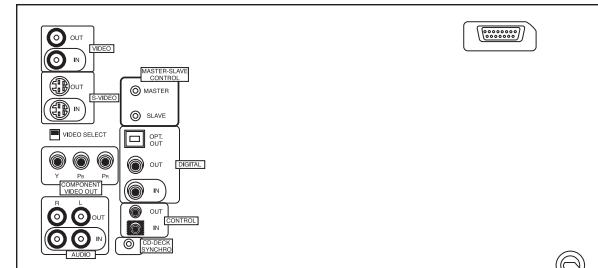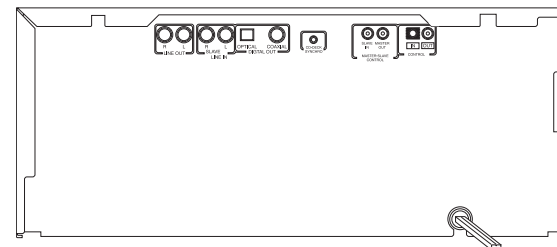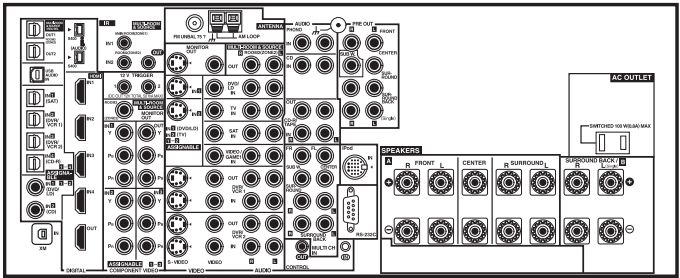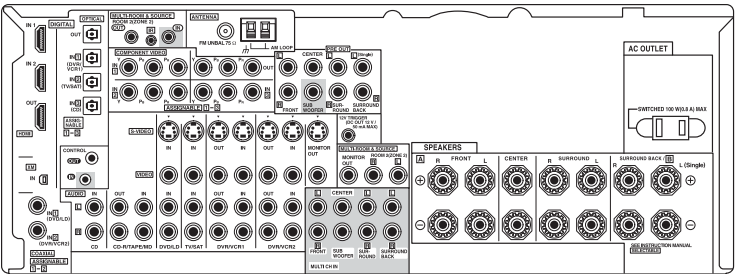|	PRO-FHD1	PRO-1540HD	PRO-1140HD	PRO-940HD
Display				
Display Size	50 inches	60 inches	50 inches	42 inches
Aspect Ratio	16:9	16:9	16:9	16:9
Number of Pixels	1920 x 1080	1365 x 768	1365 x 768	1024 x 768
Technical Features				
Display Type	Monitor	Television	Television	Television
DCR	-	Yes	Yes	Yes
Dual NTSC Tuner	-	Yes	Yes	Yes
NTSC/ATSC/QAM Tuner	-	Yes	Yes	Yes
Pure Drive II Processing	Yes	Yes	Yes	Yes
PureCinema	Advanced w/3:3 pulldown	Advanced w/3:3 pulldown	Advanced w/3:3 pulldown	Advanced w/3:3 pulldown
Color Filter	First Surface PRO Color Filter	First Surface PRO Color Filter	First Surface PRO Color Filter	First Surface PRO Color Filter
Deep Encased Cell Structure	Yes (w/new phosphors)	Yes (w/new phosphors)	Yes (w/new phosphors)	Yes (w/new phosphors)
Crystal Emissive Layer	Yes	Yes	Yes	Yes
Black Stripe Coating	Yes	Yes	Yes	Yes
3 Dimensional Y/C Separation	Yes	Yes	Yes	Yes
Color Temperature Control (Pre Setting)	(High/Mid-High/ Mid/Mid-low/Low)	(High/Mid-High/ Mid/Mid-low/Low)	(High/Mid-High/ Mid/Mid-low/Low)	(High/Mid-High/ Mid/Mid-low/Low)
Color Temperature Control (Manual) Setting	R High	R High	R High	R High
	G High	G High	G High	G High
	B High	B High	B High	B High
	R Low	R Low	R Low	R Low
	G Low	G Low	G Low	G Low
	B Low	B Low	B Low	B Low
MPEG NR	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)
DNR	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)
Block NR	-	Yes (On/Off)	Yes (On/Off)	Yes (On/Off)
Color Zone Mapping	-	Yes	Yes	Yes
Intelligent Color	-	Yes	Yes	Yes
ISFccc Mode	Day/Night	Day/Night	Day/Night	Day/Night
Gamma Control in ISF adjustment	9 step	9 step RGB Independent	9 step RGB Independent	9 step RGB Independent
Active DRE (Dynamic Range Expander)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)	Yes (Off/High/Mid/Low)
Intelligent DRE	-	Yes	Yes	Yes
Color Management System	R/Y/G/C/B/M independent	R/Y/G/C/B/M independent	R/Y/G/C/B/M independent	R/Y/G/C/B/M independent
Digital CTI (Color Transient Improvement)	Yes (On/Off)	Yes (On/Off)	Yes (On/Off)	Yes (On/Off)
Natural Resize	Yes	Yes	Yes	Yes
Natural Enhancer	Yes	Yes	Yes	Yes
Digital Chroma Decoder	Yes (10bit)	Yes (10bit)	Yes (10bit)	Yes (10bit)
Conveniences				
AV Modes	PURE, STD, Dynamic, Movie, Game, User (PC Only - STD, User)	PURE, STD, Dynamic, Movie, Game, User (PC Only - STD, User)	PURE, STD, Dynamic, Movie, Game, User (PC Only - STD, User)	PURE, STD, Dynamic, Movie, Game, User (PC Only - STD, User)
Multi-Window	Twin, Swap	Still, P-in-P, Twin, Swap	Still, P-in-P, Twin, Swap	Still, P-in-P, Twin, Swap
Power Save mode	Yes	Yes	Yes	Yes
Audio Output	13W + 13W	13W + 13W	13W + 13W	13W + 13W
Surround	SRS (WOW)/TruBass	SRS (WOW)/TruBass	SRS (WOW)/TruBass	SRS (WOW)/TruBass
PC Screen Adjustment	Yes	Yes	Yes	Yes
TV Guide On Screen®*	-	Yes	Yes	Yes
Remote Control Unit	Yes	Preset/Learning	Preset/Learning	Preset/Learning
TV Guide On-Screen® Controls	-	Yes	Yes	Yes
Remote Control Illuminated	-	Yes	Yes	Yes

	PRO-FHD1	PRO-1540HD	PRO-1140HD	PRO-940HD
Conveniences				
Screen Modes				
Full 16:9	Yes	Yes	Yes	Yes
Wide	Yes (except PC)	Yes (except PC)	Yes (except PC)	Yes (except PC)
Zoom	Yes (except PC)	Yes (except PC)	Yes (except PC)	Yes (except PC)
Cinema	Yes (except PC)	Yes (except PC)	Yes (except PC)	Yes (except PC)
4:3	Yes	Yes	Yes	Yes
Dot by Dot	Yes (only for 1080i/p or PC)	Yes (only PC)	Yes (only PC)	Yes (only PC)
HD Wide	Yes	Yes	Yes	Yes
FULL 14:9	Yes (except PC)	-	-	-
Cinema 14:9	Yes (except PC)	-	-	-
Full2 1035i	Yes (for 1035i)	-	-	-
HDMI AUTO SIZE	Yes (Select Menu Sys.)	Yes (Select Menu Sys.)	Yes (Select Menu Sys.)	Yes (Select Menu Sys.)
Terminals				
Antenna Input				
ANT/CABLE A IN	-	F type ATSC/NTSC	F type ATSC/NTSC	F type ATSC/NTSC
ANT B IN	-	F type NTSC	F type NTSC	F type NTSC
Composite Input	1	2 rear, 1 side	2 rear, 1 side	2 rear, 1 side
Monitor Output	-	Composite/Audio LR	Composite/Audio LR	Composite/Audio LR
S Video Input	1	2	2	2
Component Input	1 (Compatible with analog RGB)/BNC	2 rear, 1 side	2 rear, 1 side	2 rear, 1 side
D-Sub15 Input	-	1 (For PC)	1 (For PC)	1 (For PC)
Minijack	-	1 (For PC)	1 (For PC)	1 (For PC)
DVI-D Input	1	—	-	-
SR IN/OUT	Yes (SR+)	Yes (OUT=SR+)	Yes (OUT=SR+)	Yes (OUT=SR+)
RS-232C	Yes	Yes	Yes	Yes
Digital Audio Output (Rear)	-	Yes	Yes	Yes
VCR Control	-	1	1	1
HDMI Input w/HDCP	10-bit Independent x2	10-bit Independent x2	10-bit Independent x2	10-bit Independent x2
USB	-	1 side	1 side	1 side
Cable Card Slot	-	Yes (rear)	Yes (rear)	Yes (rear)
Ethernet	-	Yes	Yes	Yes
G-Link	-	Yes	Yes	Yes
Subwoofer Output	-	Variable	Variable	Variable
Digital Tuner (ANT-A)				
Format	-	ATSC	ATSC	ATSC
Circuit Type	-	8 VSB/64QAM/256QAM QPSK demodulation	8 VSB/64QAM/256QAM QPSK demodulation	8 VSB/64QAM/256QAM QPSK demodulation
Receiving Channel	-	VHF 2-13	VHF 2-13	VHF 2-13
		UHF 14-69	UHF 14-69	UHF 14-69
		CATV 2-135	CATV 2-135	CATV 2-135
Analog Tuner (ANT-A/ANT-B)				
Format	-	NTSC	NTSC	NTSC
Circuit Type	-	PLL Synthesizer	PLL Synthesizer	PLL Synthesizer
Receiving Channel	-	VHF 2-13	VHF 2-13	VHF 2-13
	-	UHF 14-69	UHF 14-69	UHF 14-69
	-	CATV 1-135(ANT-A) 1-125(ANT-B)	CATV 1-135(ANT-A) 1-125(ANT-B)	CATV 1-135(ANT-A) 1-125(ANT-B)
Miscellaneous				
Power Requirements	AC 120V, 60Hz	AC 120V, 60Hz	AC 120V, 60Hz	AC 120V, 60Hz
Dimensions (W x H x D) without packaging				
Panel	50 ½" x 29 ⁹⁄₁₆" x 3 ¾"	57 ¾" x 34 ¾" x 4 ¾"	48 ³⁄₁₆" x 28 ¼" x 4 ½"	40 ¹⁵⁄₁₆" x 26 ¾" x 4 ½"
(W) with Speakers	-	65 ¹⁄₁₆"	54 ⁹⁄₃₂"	26 ¾"
(H) with stand	32 ⅛"	37 ½"	32 ²⁷⁄₃₂"	28 ⁵⁄₁₆"
Stand (W x D)	26 ¹¹⁄₁₆" x 13 ³⁄₁₆"	39 ⅜" x 18 ½"	22 ⁵⁄₁₆" x 12 ²⁵⁄₃₂"	22" x 10 ¾"
Weight (panel only)	87 lbs. 12 oz.	TBD	75 lbs. 10 oz.	69 lbs. 7 oz.

High-Definition Television (HDTV): HDTV refers to a complete product/system with the following minimum performance attributes: Receiver: Receives ATSC terrestrial digital transmissions and decodes all ATSCTable 3 video formats. — Display Scanning Format: Has active vertical scanning lines of 720 progressive (720p), 1,080 interlaced (1,080i) or higher. — Aspect Ratio: Capable of displaying a 16:9 image. — Audio: Receives and reproduces, and/or outputs Dolby Digital audio (Consumer Electronics Association, August 2000). Plasma Display Systems display images consisting of hundreds of thousands of minute pixels (light emitting cells), and there is a possibility that some pixels may be inactive, flashing or continually illuminated. Plasma Display Systems are made of glass; be sure to secure it from damage from impact. Plasma Display Systems, while in use, may generate some functional sounds, for example: fan motor noise, and electrical circuit humming/glass panel buzzing. All phosphor-based display systems (CRT Television Systems - both direct view and projection televisions - as well as plasma display systems) may experience image retention, also known as burn-in if permanant. Recommended guidelines are as follows: – Do not display still images for long periods (such as fixed images from PC or TV game equipment, and/or time of day indicator or channel logo display). – Do not display content in the 4:3 aspect ratio (black or gray bars on left and right side of content) or letter-box content (black bars above and below of content) for extended periods of time, or use either of these viewing modes repeatedly within a short period of time. This Plasma Display System is equipped with multiple wide-screen viewing modes; use one of these screen modes to fill the entire screen with content. – Displaying dark images after displaying still images for a period of time may cause image retention. In most cases, the image retention can be corrected by displaying bright images for a similar period of time. However, if your Plasma Display System displays still images for additional long periods of time, image retention may be irreparable. Plasma Display Systems may have a negative effect on sound or images coming from AM radios, PCs or video-related products. Plasma Display Systems emit slight amounts of IR (Infrared Emission) through luminous discharge technology. This IR is not harmful to living organisms, but may interfere with the operation of remote controls for other equipment, or cause static in equipment using IR (such as cordless headphones or cordless microphones). *The TV Guide On Screen interactive program guide provides listings for cable-ready, cable box and digital cable services as well as over-the-air broadcast. It does not provide listings for satellite.

BLU-RAY DISC® PLAYER

BDP-HD1

Technical Features	
Twin-Wave Laser Pickup	Yes
Compatible Disc Formats	BD-ROM/BD-RE/BD-R DVD/DVD-R/DVD-RW
Video Features	
1080p HD Output	Yes
PureCinema Progessive Scan	Yes
12 bit D/A Converter	Yes
Resolution Expander	Yes
Video Adjust	Yes
Progressive 4:3 Aspect Shrink	Yes
Pixel Scaler	Yes
Audio Features	
192 kHz/24 bit D/A Converter	Burr-Brown PCM 1738
DTS 5.1-Channel Decoder	Yes
DTS 2-Channel Downmix Output	Yes
5.1-Channel Dolby Digital Decoder	Yes
Bass Management	Yes
WMA	Yes
Special Play Functions	
Resume Function	Yes
Repeat Mode	Yes
Playlist	Yes
Still/Stop Play	Yes
Slow Play	Yes
Shuffle Play	Yes
Zoom Function	Yes
Scan Functions	
10-Key Direct Search and Play	Yes
Title Search	Yes
Track / Time Search	Yes
Speaker Setting	Center, Rear and Front (L,R)

BDP-HD1

Conveniences	
Advanced Graphic User Interface (GUI)	Yes
Home Media Gallery¹	Yes
DLNA Compliance	Yes
Windows Media Connect Compatibility	Yes
PlaysForSure Compatibility	Yes
JPEG Playback	Yes
MP3 Playback	Yes
On-Screen Information Display	Yes
Video Frame Number Display	Yes
FL Display Off	Yes
Setup Navigator	Yes
Remote Control	TV Preset
Terminals	
HDMI (Digital Direct Pixel Drive™)	1
Component Video Output²	1
S-Video Output	1
Video Output	1
5.1 Channel Audio Ouput	1
2-Channel Audio Output	1
Coaxial Digital Output	1
Optical Digital Output	1
SR In	1
IR In	1
Ethernet	Yes
Miscellaneous	
AC Inlet	Yes
Power Requirements	120V, 60Hz
Dimensions (W x H x D) without Packaging	16 ⁵⁄₁₆" x 3 ¹¹⁄₁₆" x 14 ¹⁄₁₆"

1 Previously existing or new home network, Microsoft Windows® XP and Microsoft Windows Media Connect software (Free for licensed users of Microsoft Windows operating system through Windows Updates) required for all home network and Home Media Gallery features.

2 Some discs will not play content in a HD through a component video output. See Blu-ray Disc packaging for details.

For latest product specifications, please visit www.pioneerblu-ray.com

COMPACT DISC PLAYERS

PD-F27

Format	
Capacity	301 Disc
Transport Mechanism	Roulette Rack
Digital Features	
Legato Link Conversion	Yes
Hi-Bit Conversion	Yes
D / A Converter	24-bit
Structural Design	
Acoustically Dampened Chassis	Yes
Low Noise Design	
Low Loss Laser Pickup	Yes
Playback Options	
All Discs	Yes
Single Disc	Yes
Custom File Discs	Yes
Delete Play	–
Single Disc	Yes
All Discs	Yes
Custom File Discs	Yes
Time Fade	–
Programmed Play (Track/Steps)	36
Repeat Modes	8
Conveniences	
Full Function Remote Control (SR)	Yes
Custom Filing	10
Best Selection Memory	50 Tracks
Previous Disc Scan	Yes
Memory Hold	Yes
Memory Backup	Yes
Direct Track Access by 10-key Pad	Remote
Jog Dial	Yes
Multi-Read CD-R/RW Playback	Yes
PDM59 Additional Features	Talk-Back Input, Music Type Memory, Digital Level Control, Magazine Hi-Lite Scan, One-Touch Digital Fader
Terminal	
Coaxial Digital Output	1
Optical Digital Output	1
System Remote (SR) In/Out	In / Out
I/O Interface	–
Additional 301 Disc Player Interface	Yes
Specifications	
Frequency Response	2-20,000 Hz
Signal-to-Noise Ratio (EIAJ)	105 dB
Dynamic Range (EIAJ)	96 dB
Channel Separation (EIAJ)	100 dB
Distortion (EIAJ)	0.003%
Power Consumption	17W
Dimensions (W x H x D) without Packaging	16 ⁵⁄₁₆" x 7 ⅜" x 17 ¹⁄₁₆"
Weight without Packaging	17 lbs.

DVD COMPATIBLE PLAYERS

	DV-46AV	DV-79AVi	DV-F07
Digital Audio Specifications			
THD	0.0025%	0.0009%	0.002%
Frequency Response: 48kHz	4-22kHz	4-22kHz	4-22kHz
Frequency Response: 96kHz	4-44kHz	4-44kHz	4-44kHz
Frequency Response: 192kHz	4-88kHz	4-88kHz	–
S / N	115dB	118dB	115dB
Dynamic Range	100dB	108dB	103dB
Conveniences			
Setup Navigator	–	Yes	Yes
Glow-in-the-Dark Remote Control	Yes	Yes (Jog/Joy)	(Jog/Joy)
TV Controls with Manufacturer's Preset Codes	Yes	Yes	–
Special Play Functions			
Resume Function	Yes	Yes	–
Repeat Mode	Yes (all: CD, VCD, SACD, DVD, DVD-Audio)	Yes	Yes
(CD / Track, SACD / Track, Video / Chapter & Title, DVD-Audio /Group and Track, MP3 / Folder & Track)	Yes	Yes	Yes
Trick Play Processor for Smooth Scanning	–	Yes	Yes
Still / Step Play	Yes	Yes	Yes
Slow Play (Forward / Reverse)	Yes	Yes	Yes
Scan Functions			
10-Key Direct Search and Play (Chapter / Track)	Yes	Yes	Yes
Title Search / Track / Time Search	Yes	Yes	Yes / Yes
Display			
Graphic User Interface (GUI)	Yes	Yes	Yes
On-Screen Information Display	Yes	Yes	Yes
On-Screen Bit Rate Meter	Yes	Yes	Yes
Film (24 frame/s material indicator (# Indicator)	–	Yes	–
Video Frame Number Display	–	Yes	–
FL Display Off	–	Yes (Pure Audio)	–

	DV 46AV	DV-79AVi	DV-F07
Video Terminals			
Composite Video Inputs	–	–	–
Digital Video Input/Output (i.LINK) Connection	–	–	–
HDMI Outputs	1	1	–
Component Video Output	1	1 (Gold Plated)	1
S-Video Outputs	1	2 (Gold Plated)	1 In / 1 Out
Composite Video Outputs	1	2 (Gold Plated)	1 In / 1 Out
Parallel Composite, S-Video, Component Output	Yes	Yes	
Audio Terminals			
Analog Audio Input (L / R)	–	–	–
Analog Audio Output	–	1 (Gold Plated)	1 Out / 1 In
6 Channel Audio Output	1	1 (Gold Plated)	
Coaxial Digital Output (Dolby Digital, DTS, LPCM)	1	1 (Gold Plated)	1
Coaxial Digital Input	–	–	1
Optical Digital Output (Dolby Digital, DTS, LPCM)	1	1	1
Digital Audio Output (i.LINK) Connection	–	2	–
Control Terminals			
Pioneer System Remote (SR)	–	In / Out	In / Out
PS2 Interface for Keyboard and Mouse	–	–	Yes
CD-Deck Synchro	–	–	Yes
Miscellaneous			
AC Inlet	–	Yes (form: hexagon type)	–
DVD-RW Playback Compatibility	Yes (CPRM)	Yes (CPRM)	–
Power Requirements	120V, 60Hz	120V, 60Hz	120V, 60Hz
Power Consumption	8W	25W	21W
Dimensions (W x H x D) without Packaging	16.5" x 2" x 10"	16.5" x 4.6" x 13.4"	18" x 7.6" x 17"
Weight without Packaging	5.5 lbs.	19.8 lbs.	21.4 lbs.

Can play CD-R and CD-RW music discs in music CD and Video CD format. However, the pickup may not be able to play some CD-R or CD-RW discs recorded via PC, depending on the condition of discs and pickup or PC system setup parameters. This recorder cannot record CD-R or CD-RW discs. Compatible formats: CD-Audio, Video CD. Multi-session Playback: Yes (Except CD-Audio and Video CD).

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Compatible with MPEG1 Audio Layer3 32,44.1 or 48kHz formats • Recording format should be in accordance with ISO9660 CD-ROM file system • MP3 file name requires MP3 or mp3 as an extension • Chinese characters cannot be displayed, although files featuring them can be played • 299 tracks/folders can be played per disc • Can play with VBR (Variable Bit Rate), but playing time may not be shown correctly • CPRM copy protection technology, with scramble system, allows the recording of copy-once broadcast programs, but not copying of such recordings. CPRM recordings can only be made on DVD-RW discs in VR mode, and can only be played on CPRM-compatible players.

When playing DTS-encoded (CDs, DVDs), excessive noise will be exhibited from the analog stereo outputs. To avoid possible damage to the audio system, the consumer should take proper precautions when the analog stereo outputs of the DVD player are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system must be connected to the digital output (S/PDIF,AES/EBU, or TosLink) of the DVD player.

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RW COMPATIBLE This label indicates playback compatibility with DVD-RW discs recorded in VR mode (Video Recording format). However, for discs recorded with a record-only-once encrypted program, playback can only be achieved using the CPRM-compatible device.

JPEG PhotoViewer (FUJICOLOR CD/Kodak Picture CD Compatible): • This player is compatible with FUJICOLOR CD and Kodak Picture CD formats, as well as CD-R/RW/ROMs containing JPEG files (up to 648 files). • Baseline JPEG and EXIF 2.2 still image files up to 6 megapixels are supported. File format used by digital still cameras. • The CD-R/RW/ROM containing the JPEG files must be ISO 9660 Level 2 compliant. • CD physical format: Mode 1, Mode 2 XA Form 1.•Unfinalized discs cannot be played.

RECEIVERS

Amplifier Design	VSX-84TXSi	VSX-82TXS	VSX-81TXV	VSX-80TXV
Direct Energy Amplifiers	Yes	Yes	Yes	Yes
Symetrical Power Train Design	Yes	Yes	Yes	Yes
6W Drive Guarantee	Yes	Yes	Yes	Yes
High Current/Voltage Power Supply	Yes	Yes	Yes	Yes
Direct Construction	Yes	Yes	Yes	Yes
Transformer Stabilizer	Yes	Yes	-	-
Amplifier Power Output				
Multi-channel	140W / ch @ 8Ω x 7	130W / ch @ 8Ω x 7	110W / ch @ 8Ω x 7	110W / ch @ 8Ω x 7
Stereo	140W / ch @ 8Ω x 2	130W / ch @ 8Ω x 2	110W / ch @ 8Ω x 2	110W / ch @ 8Ω x 2
Audio Features				
M.C.A.C.C.	Advanced (w/standing wave control)	Advanced (w/standing wave control)	Advanced (w/standing wave control)	Auto
Phase Control Technology	Yes	Yes	Yes	Yes
X-Curve Control	Yes	Yes	Yes	-
THX	Select2	Select2	Select2	Select2
Dolby Digital	Yes	Yes	Yes	Yes
Dolby Digital EX	Yes	Yes	Yes	Yes
DTS	Yes	Yes	Yes	Yes
DTS-ES (Discrete/Matrix)	Yes	Yes	Yes	Yes
DTS 96/24	Yes	Yes	Yes	Yes
DTS-Neo:6	Yes	Yes	Yes	Yes
Dolby Pro Logic IIx	Yes	Yes	Yes	Yes
XM Radio with XM-HD Surround	Yes	Yes	Yes	Yes
WMA-9 Pro	Yes	Yes	Yes	Yes
DSP Processor	Sharc EX + Freescale	Sharc EX + Freescale	Sharc EX + Freescale	Dual 48-Bit Freescale
Analog-to-Digital Converters	96/24 (2 ch)	96/24 (2 ch)	96/24 (2 ch)	96/24 (2 ch)
Digital-to-Analog Converters	192k/24-bit (7.1 ch) x 7	192k/24-bit (7.1 ch) x 7	192k/24-bit (7.1 ch) x 7	192k/24-bit (7.1 ch) x 7
Sound Retriever	Yes	Yes	Yes	Yes
Advanced Surround Modes	13	13	13	8
Midnight Listening Mode	Yes	Yes	Yes	Yes
Digital Noise Reduction	Yes	Yes	Yes	-
Loudness	Yes	Yes	Yes	Yes
Dialogue Enhancement	Yes	Yes	Yes	Yes
Hi-bit/Hi-sampling	Yes	Yes	Yes	-
Tuner Presets	30	30	30	30
AIR Studios™ Tuning	Yes	Yes	-	-
Video Features				
Video Conversion	Digital (HDMI)	Digital (HDMI)	Digital (HDMI)	Digital (Component)
HD Video Scaling (1080i/720p/480p)	Yes	Yes	-	-
Video Scaler	DCDi/Faroudja	DCDi/Faroudja	-	-

Conveniences	VSX-84TXSi	VSX-82TXS	VSX-81TXV	VSX-80TXV
Stream Direct	Yes	Yes	Yes	-
Auto Surround	Yes	Yes	Yes	Yes
Graphic User Interface (On-Screen Display)	Yes	Yes	Yes	Yes
Front Panel Menu Control	Yes	Yes	Yes	Yes
Dot Matrix Display	Yes	Yes	Yes	Yes
FL Dimmer	4-step	4-step	4-step	4-step
Multi-Operation System (Macros)	Yes	Yes	Yes	Yes
Remote Control Type	LCD Learning	LCD Learning	LCD Learning	LCD Learning
iPod Controls (w/OSD)	Photo/Video	Photo/Video	Yes	-
XM Radio Controls (w/OSD)	Yes	Yes	Yes	Yes
Pre-Programmed & Smart Remote	Yes	Yes	Yes	Yes
2nd Basic Remote Control Unit	Yes	-	-	-
DVD, DSS, DTV, Multi-CD Control	Yes	Yes	Yes	Yes
Video Signal Selector	Yes	Yes	Yes	Yes
Function Rename	Yes	Yes	Yes	-
3rd Party IR Compatibility	Yes w/RS-232C	Yes w/RS-232C	Yes w/RS-232C	-
Terminals				
i.LINK Digital Audio and Control Interface	Yes (2)	-	—	—
7.1 Multi-Channel In	Yes	Yes	Yes	Yes
HDMI (In/Out)	4/1	3/1	2/1	2/1 (switching)
iPod	Yes	Yes	Yes	-
XM Radio	Yes	Yes	Yes	Yes
Digital Inputs (assignable)	7	7	6	6
Coaxial	2	2	2	2
Optical	5 (incl. Front in)	5 (incl. Front in)	4 (incl. Front in)	4 (incl. Front in)
Digital Output (Optical)	2	1	1	1
Audio (TUNER Included)/ Video Input	4A/7AV	4A/7AV	3A/5AV	3A/5AV
Phono Input	Yes (MM)	Yes (MM)	—	—
Audio/Video Outputs	2A/3AV	2A/2AV	1A/2AV	1A/2AV
USB Terminal (use for audio playback)	Yes (1)	-	-	-
RS-232C	Yes	Yes	Yes	-
IR (In/Out)	2/1	2/1	1/1	1/1
S-Video (In/Out)	5 (incl. front)/2	5 (incl. front)/2	5 (incl. front)/2	5 (incl. front)/2
Component (In/Out)	3/1 (assign)	3/1 (assign)	3/1 (assign)	3/1 (assign)
Audio/Video Front Panel input (w/S-Video)	Yes	Yes	Yes	Yes
Preamp Output	All (7.1 Ch)	All (7.1 Ch)	All (7.1 Ch)	All (7.1 Ch)
Multi-Room / Multi-Source	3 Zone	3 Zone	2 Zone	2 Zone
3rd Zone Digital Audio Output	Yes	Yes	-	-
12 Volt Trigger	Dual	Dual	Single	Single
Pioneer System Remote (SR)	In / Out SR+	In / Out SR+	In / Out SR+	In / Out SR+
Speaker Terminal Type	Banana x 7 ch	Banana x 7 ch	Banana x 7 ch	Banana x 7 ch
AC Outlets	1	1	1	1
Other				
Function Indicator LED	No	No	Yes	Yes
Heavy Duty Power Cord	Yes	Yes	-	-

RECEIVERS

Amplifier Section	VSX-84TXSi	VSX-82TXS	VSX-81TXV	VSX-80TXV
Continuous Power Output	Cont. Avg. power output of 140 watts* per channel, min., at 8ohms from 20Hz–20kHz with no more than 0.09%**THD	Cont. Avg. power output of 130 watts* per channel, min., at 8ohms from 20Hz–20kHz with no more than 0.09%**THD	Cont. Avg. power output of 110 watts* per channel, min., at 8ohms from 20Hz–20kHz with no more than 0.09%**THD	Cont. Avg. power output of 110 watts* per channel, min., at 8ohms from 20Hz–20kHz with no more than 0.09%**THD
Surround				
Front Channels	140W+140W	130W+130W	110W+110W	110W+110W
Center Channel	140W	130W	110W	110W
Surround Channels	140W+140W	130W+130W	110W+110W	110W+110W
Surround Back Channels	140W+140W	130W+130W	110W+110W	110W+110W
Condition	20Hz–20kHz 0.09% 8ohms	20Hz–20kHz 0.09% 8ohms	20Hz–20kHz 0.09% 8ohms	20Hz–20kHz 0.09% 8ohms
Input				
Sensitivity/Impedance				
Lines	335mV/47kΩ	335mV/47kΩ	335mV/47kΩ	335mV/47kΩ
Recs	335mV/2.2kΩ	335mV/2.2kΩ	335mV/2.2kΩ	335mV/2.2kΩ
Frequency Response				
Lines	5Hz–100kHz +0-3dB	5Hz–100kHz +0-3dB	5Hz–100kHz +0-3dB	5Hz–100kHz +0-3dB
Signal to Noise Ratio (IHF'66/EIA)				
Lines	103dB/83dB	103dB/83dB	103dB/83dB	103dB/83dB
Video				
Input Sensitivity	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω
Output Lev/Imp	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω
Frequency Range	5Hz–10MHz	5Hz–10MHz	5Hz–10MHz	5Hz–10MHz
Signal to Noise Ratio	65dB	65dB	65dB	65dB
Component Video				
Frequency Range	5Hz–100MHz	5Hz–100MHz	5Hz–100MHz	5Hz–100MHz
Input Sensitivity	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω
Output Lev/Imp	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω	1Vp–p/75Ω
Signal to Noise Ratio	65	65	65	65
FM Tuner				
Usable Sensitivity (Mono)	13.2dBf,IHF(1.3μV/75)	13.2dBf,IHF(1.3μV/75)	13.2dBf,IHF(1.3μV/75)	13.2dBf,IHF(1.3μV/75)
50dB Quiet Sensitivity (Mono/Stereo)	20.2dBf/38.6dBf	20.2dBf/38.6dBf	20.2dBf/38.6dBf	20.2dBf/38.6dBf
Signal to Noise Ratio (Mono/Stereo)	73dB/70dB (at85dBf)	73dB/70dB (at85dBf)	73dB/70dB (at85dBf)	73dB/70dB (at85dBf)
Distortion Stereo 1kHz	0.50%	0.50%	0.50%	0.50%
Alternative Channel Selectivity	60dB (400kHz)	60dB (400kHz)	60dB (400kHz)	60dB (400kHz)
Stereo Separation	40dB (1kHz)	40dB (1kHz)	40dB (1kHz)	40dB (1kHz)
Frequency Response	30Hz–15kHz±1 dB	30Hz–15kHz±1 dB	30Hz–15kHz±1 dB	30Hz–15kHz±1 dB
Antenna Input	75Ω Unbalanced	75Ω Unbalanced	75Ω Unbalanced	75Ω Unbalanced
AM Tuner				
Sensitivity (IHF, Loop Antenna)	350 μV/m	350 μV/m	350 μV/m	350 μV/m
Selectivity	25dB	25dB	25dB	25dB
Signal to Noise Ratio	50dB	50dB	50dB	50dB
Antenna	Loop Antenna	Loop Antenna	Loop Antenna	Loop Antenna
Miscellaneous				
Power Requirement	AC120V, 60Hz	AC120V, 60Hz	AC120V, 60Hz	AC120V, 60Hz
Power Consumption	530W,690VA	530W,690VA	490W,650VA	490W,650VA
Power Consumption in Stand-by	0.65W	0.65W	0.5W	0.5W
Dimensions	16 ⁵⁄₁₆" x 7 ¾" x 18 ³⁄₁₆"	16 ⁵⁄₁₆" x 7 ¾" x 18 ³⁄₁₆"	16 ⁵⁄₁₆" x 6 ¹³⁄₁₆" x 18 ³⁄₈"	16 ⁵⁄₁₆" x 6 ¹³⁄₁₆" x 18 ³⁄₈"
Weight	35.5 lbs.	35.1 lbs.	33 lbs. 12 oz.	33 lbs. 1 oz.

*Measured pursuant to the Federal Trade Commission's Trade Regulation Rule of power output claims for amplifiers.

**Note: The impedance indicated in the specification are actual values that speakers can present to an amplifier during playback of music/movies. They do not refer to the nominal rated impedance of the speakers you use.

HDMI connection may not allow transmission of copyright protected material depending on the capability of the signal source.

EX SPEAKERS

Specifications	S-1EX	S-2EX	S-7EX	S-W1EX
Enclosure	3-way vented box system Front-vented bass reflex Floor-standing type	3-way vented box system Front-vented bass reflex Bookshelf type	3-way vented box system Front-vented bass reflex Center speaker type	Powered subwoofer Passive radiator Floor-standing type
Speakers				
Bass	7" Aramid cone (x2)	7" Aramid cone	7" Aramid cone (x2)	12" Aramid cone + 12" Aramid cone passive radiator
Midrange	Concentric unit: 5.5" Magnesium cone	Concentric unit: 5.5" Magnesium cone	Concentric unit: 5.5" Magnesium cone	
Tweeter	Concentric unit: 1.4" Beryllium dome	Concentric unit: 1.4" Beryllium dome	Concentric unit: 1.4" Beryllium dome	
Frequency Range	28–100,000Hz	34–100,000Hz	34–100,000Hz	20–6,000Hz
Sensitivity (2.83 V/1m)	88.5 dB SPL	88.5 dB SPL	88.5 dB SPL	–
Harmonic Distortion	2nd and 3rd harmonics (4 W) 100Hz–100kHz 2nd < 0.7% 3rd < 0.35%	2nd and 3rd harmonics (4 W) 100Hz–100kHz 2nd < 0.7% 3rd < 0.35%	2nd and 3rd harmonics (4 W) 100Hz–100Khz 2nd < 0.7% 3rd < 0.35%	
Nominal Impedance	6 Ω	6 Ω	6 Ω	
Maximum Power	200 W	200 W	200 W	
Dynamic Power	–	–	–	500 W (PEAK)
Output Power	–	–	–	250 W (4 Ω)
Cross-over Frequencies	400Hz 2.2kHz	400Hz 2kHz	440Hz 2.1kHz	–
S/N	65dB	65dB	65dB	65dB
High-cut Filter	–	–	–	50-150Hz (with bypass switch)
Phase Switch	–	–	–	0° / 180°
Dimensions (W x H x D)	16.5" x 51" x 24.5" (with base)	11.5" x 22.3" x 16.8"	32.3" x 11.5" x 16.8"	16.9" x 18.9" x 16.9"
Weight	136.4 lbs.	63.8 lbs.	41.8 lbs.	75.9 lbs.
Finishes	Cabinet: Real wood veneers Dark Teak wood (satin finish) Grille: Black cloth	Cabinet: Real wood veneers Dark Teak wood (satin finish) Grille: Black cloth	Cabinet: Real wood veneers Dark Teak wood (satin finish) Grille: Black cloth	Cabinet: Real wood veneers Dark Teak wood (satin finish) Grille: Black cloth

Product specifications subject to change.

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8/06 Elite 100M