

vivid.

adaptable.

reliable.

IT'S LIKE...
BEING THERE



Showcase Series™

Home Entertainment Displays

Connect into your digital home with NEC's complete line of home entertainment projector and plasma displays that deliver brilliant, vivid, larger than life images while adapting to your active lifestyle... today and tomorrow.

Make every seat the best in the house.

Empowered by Innovation

NEC

NEC

the name you trust. the reliability you deserve.



Choosing the right display product for your home

Are you looking to transform the basement into a home theater? Have you been dreaming about converting the living room into a decorative yet usable space? The couches, window treatments and paint are certainly important. But, selecting the right large screen display to complete the room may be the most critical task ahead, whether you are a first-time buyer of the technology or home entertainment aficionado.

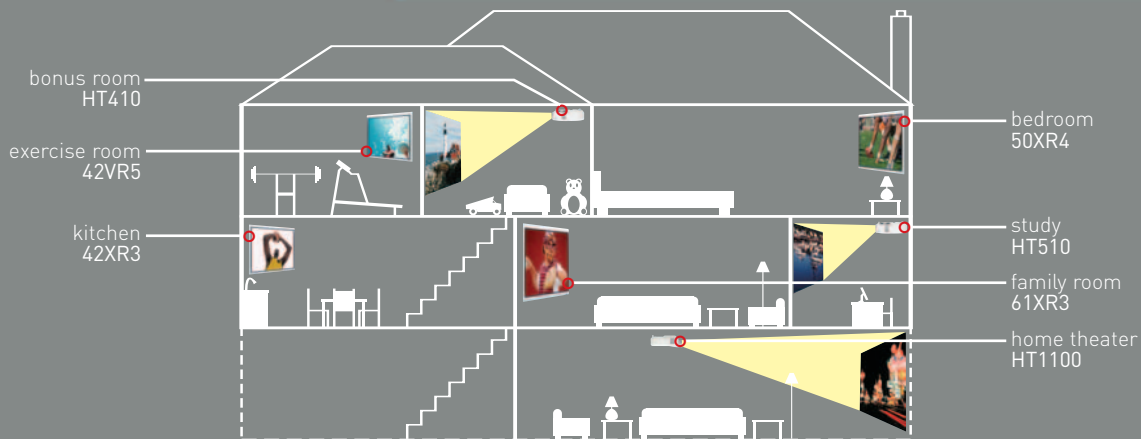
Today, there are an abundance of display choices available for the home beyond traditional TVs. A flood of new technologies, such as flat screens and lightweight projectors offer many options when determining which display is best for you. NEC offers a complete line of four home entertainment plasma displays and three projectors.

The beautiful, brilliant images and sleek, flat-screen design offered by plasma displays make them a very attractive centerpiece in any home entertainment environment.

Their sleek profile and extremely wide viewing angle addresses the functionality requirements of rooms with minimal space. Make everyday TV viewing extraordinary on a 61" plasma (61XR3) in your family room. Create new dishes while following along with your favorite chef on a 42" plasma (42XR3) in your kitchen. In your bedroom, enjoy late night TV or a movie on a 50" plasma (50XR4). Add some much needed incentive to your work out by watching the big game on a 42" plasma (42VR5) placed conveniently in your exercise room. Plasma displays meet the rigorous requirements of the most discerning home theater enthusiast, with brilliant image quality, accurate image reproduction and amazing brightness and contrast.

A projector in a home theater can offer the same vibrant and vivid experience as going to the movies. Many projectors are adaptable enough to be removed from the home for other uses, such as neighborhood movie night. They are small enough to be discreetly mounted to a wall or ceiling, and well-known for their ease-of-use and reliability. View larger than life images in your basement home theater with the HT1100 projector. Look at digital photos in your study on an HT510. In bedrooms or bonus rooms, the HT410 makes video games seem so real with images that draw you in.

Complement the unique character and function of each room in your house with an NEC Showcase Series display!



a projector or plasma display for every room in your house!

NEC Showcase Series:
vivid. adaptable. reliable.



NEC Showcase Series


NEC's Showcase Series home entertainment display line offers first-time buyers to discerning home theater enthusiasts a complete range of vivid, adaptable and reliable large screen display choices. The Showcase Series includes two widescreen home theater projectors and four plasma models (two 42", a 50" and a 61"), along with the award-winning high-contrast HT1100™ projector. With the Showcase Series, you can now outfit your entire home room-by-room with NEC large screen displays.


Vivid. Adaptable. Reliable.

The Showcase Series complete line of home entertainment projectors and plasma displays are engineered in NEC's world-renowned design labs and optimized for vivid image quality, high brightness and resolution and real-life color reproduction for use in almost any environment. The projectors and plasma displays provide an adaptable range of screen sizes (from 42" to 200"), HD signal compatibility to future-proof the investment and a full assortment of intuitive accessories that complement the room. NEC rounds out its Showcase offering with professional grade reliability and performance backed by unsurpassed product service and support.

- Crystal clear larger than life images – from 42" to 200" diagonal
- High resolution – up to 1365x768 native resolution
- Extremely quiet operation – starting at 22dB with nearly silent operation
- Long lasting – projector lamps last up to 3,000 hours and 60,000 hour plasma half-life
- Low power consumption – projectors that run on 162 watts in Eco-Mode

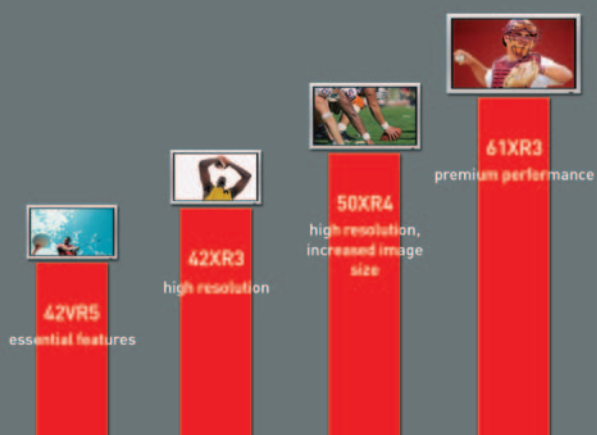
NEC Showcase Series: vivid. adaptable. reliable.

NEC is synonymous with  beautiful images.
Be amazed.

An abundance of  displays and features
to fit any lifestyle.

Professional grade  reliability and performance.

- **High resolution.** Crystal clear larger than life images.
- **High brightness and contrast.** Allows for commanding video in most viewing environments.
- **Deinterlace video processing.** Circuitry detects frame rate and then selects the proper processing to reduce line flicker and jaggies in video.
- **Picture management.** Multiple adjustments enable for personalized modifications to fine tune image display.
- **Video noise reduction.** Specialized circuitry assists in filtering video noise in VHS, cable and satellite sources.
- **Real life colors.** Image processing technology improves white balance, color accuracy, dynamic range and varying levels of black in an image.
- **Complete line.** Three home theater projectors and four flat panel plasma displays (7 total).
- **HD signal compatibility.** HD (1080i, 720p) and SD (576p, 480p) for superior high resolution video.
- **Extensive connections.** Connect to virtually any source including a satellite, receiver, DVD, VCR, computer, video games and more.
- **DVI with HDCP.** Allows you to display HD content that is protected (HT1100/Plasma).
- **Place anywhere.** Fits into any space seamlessly with multiple screen sizes (42", 50", 61", 90", 150", 200" and everything in between).
- **Compliment any room.** NEC provides a full assortment of accessories.
- **Multiple aspect ratio modes.** Display the image based on the source or viewer's preference.
- **Sleep timer.** Allows for automatic shut off.
- **Easy to use, easy to navigate.** Full function back lit (HT only) remote puts common features at the touch of a button.
- **Advanced AccuBlend™.** Converts non-native resolutions to the resolution of the display for flawless images.
- **Extremely quiet operation.** Listen to your movie, not your equipment.
- **Long lasting.** Projector lamps last up to 3,000 hours and 60,000 hour plasma half-life.
- **Unsurpassed product reliability and service.** Ranked #3 by PAC Media for product quality/reliability and product warranty repair/return programs.
- **Low power consumption.** Displays that consume as little as 162 watts in Eco-Mode.



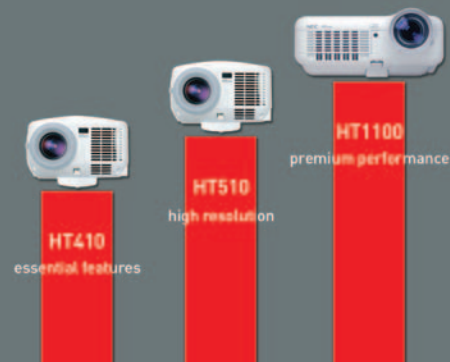
Model #	42VR5	42XR3	50XR4	61XR3
Native Pixel Resolution	853x480	1024x768	1365x768	1365x768
Active Screen Area	53.2 x 29.9" 1351 x 760mm		43.5 x 24.5" 1106 x 622mm	36.3 x 20.4" 921 x 518mm
Inputs	15-pin mini D-sub, 5 BNC (RGB/HV), 25-pin DVI, Composite BNC x 1, Composite RCA x 1, S-Video 4-Pin DIN, 1 set RCA Component (Y,Pb,Pr/Y,Cb,Cr), 1 set BNC Component (Y,Pb,Pr/Y,Cb,Cr) (common use with 5BNC)			
Power Consumption	270W Typical 3.7A max, 0.80W standby	300W Typical 5.2A max, 0.80W standby	425W Typical 7.6A max, 0.75W standby	540W Typical 8.0A max, 0.75W standby
Dimensions	40.1 x 20.4 x 3.5" 1018 x 518 x 89mm		48.1 x 24.5 x 3.8" 1222 x 622 x 96mm	57.9 x 34.6 x 4.7" 1470 x 760 x 119mm
Net Weight	63.0 lbs 28.5 kg	65.0 lbs 29.5 kg	96.4 lbs 43.8 kg	134.2 lbs 61.0 kg

NEC Showcase Series: making connections.



The Showcase Series offers broad signal compatibility for uses that span far beyond a traditional TV set. Enjoy high definition TV, cable and satellite, along with gaming, digital pictures, computers and more. Experience dramatic image quality, high brightness and resolution and a wide range of screen sizes from the comfort of your home.

Model #	HT410	HT510	HT1100
Panel	1 DLP		
Aspect Ratio/ Resolution	16:9-854x480 widescreen 4:3 in 16:9 window	16:9-1024x576 widescreen 4:3 in 16:9 window	16:9-1024x576 widescreen 4:3-1024x768 fullscreen
Lens	Manual zoom, focus		Manual zoom, focus, variable IRIS
Light Output (ANSI, Typical)	1000 normal 800 Eco-Mode		1100 normal 880 Eco-Mode
Lamp Life	3000 Eco-Mode / 2000 normal		
Contrast Ratio	1200:1		3500:1 IRIS closed 2000:1 - IRIS open
Lens Shift	Vertical manual lens shift		Vertical image shift
Fan Noise	26/28 dB (Eco/normal)		29/32 dB (Eco/normal)
Dimensions	7.36 x 13.60 x 5.24" 187 x 345 x 133mm		10.24 x 12.56 x 4.72" 260 x 319 x 121mm
Net Weight	6.6 lbs / 3.0 kg		7.1 lbs / 3.2 kg



projector core technologies

HT510/HT410

- Built-in wall color correction
- VORTEX Technology Plus™
- Manual lens shift

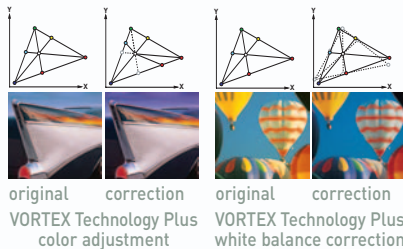
HT1100

- High contrast ratio (up to 3500:1)
- SweetVision II
- Vertical image shift
- VORTEX Technology Plus™
- Wired networking
- 3D Reform
- Anamorphic mode/lens



Aspect Ratios

Examples of display options available with an HT1100 on a 16:9 screen



VORTEX Technology Plus

Provides uncompromising display of video and improves white and color accuracy.



original image



after SweetVision II

SweetVision II

Delivers exceptional picture management control for both progressive and interlaced sources.



before auto wall color correction



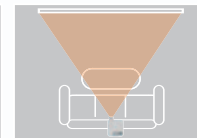
after auto wall color correction

Built-in Wall Color Correction

Presets provide for adaptive color tone correction to display properly on non-white walls.



coffee table or bookshelf



ceiling mount

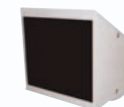
3D Reform

Place the projector at offset angles to the screen and still be able to square the image.



Digital Home Networking

Show off photos from your PC through your home network.



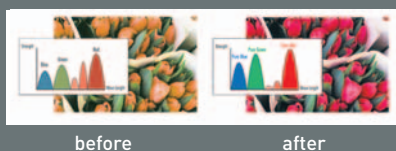
Anamorphic lens

Anamorphic Mode

With an anamorphic lens, the projector can take advantage of the full DMD panel resolution and still achieve a 16:9 display on the screen.

plasma display core technologies

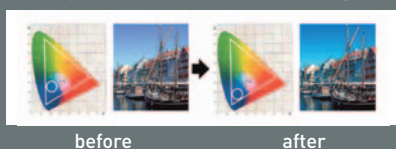
AccuCrimson



before

after

Capsulated Color Filter Technology



before

after

42VR5, 42XR3, 50XR4, and 61XR3

- Capsulated Color Filter (CCF) and AccuCrimson Filter technology produces the truest, most vivid, and real-to-life colors.
- Gamma 12 provides the highest color processing in a plasma display at 68.7 billion colors (4096 steps) resulting in details in the dark areas like never seen before.
- Digital AccuDevice allows for digital video processing for artifact and noise free video.



original

normal

MASS

Mass Area Superior Sampling (MASS)

Eliminates jagged lines and corrects color bleeds to create clear and defined images.



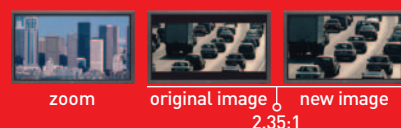
1.33 (4:3)

full

stadium

Aspect Ratios

Select from a variety of aspect ratios to fit your incoming source signal.



zoom

original image

new image

2.35:1



Showcase Series

Home Entertainment Displays

Make every seat the best in the house.

vivid.

adaptable.

reliable.

NEC's full line of projectors and plasmas display crystal clear images every time.

- **Broadest line of product.** NEC offers over 20 large screen displays to support any application.
- **Crystal clear images.** All NEC displays show crystal clear images every time. Research says that NEC projectors and plasmas are known to display the best images and NEC has earned numerous awards and accolades for image quality and performance.
- **Works every time.** NEC displays are rock solid. A recent market study* from TFC Info showed NEC projectors and plasmas are known to have among the highest quality in the industry.
- **NEC plasmas and projectors.** All are backed by industry leading service and support programs. NEC is a leader in product quality/reliability, after-sales support and return/repair programs as reported in the 2003 Pacific Media Reseller's Survey*.

* TFC Info and Pacific Media Associates are high-tech market research firms that specialize in providing information on large-screen display products, markets, and manufacturers.

Contrast measurements for the real world.

NEC's contrast measurements reflect true-to-life viewing conditions. NEC has engineered plasma displays that are optimized for "real world" conditions such as an office, school, airport, shopping mall or home, so users are assured more accurate image depth and detail.

To date, the plasma display market does not follow a consistent standard to determine contrast ratio ratings with most measurements taken in unrealistically dark viewing conditions.

NEC is setting the standard for high contrast plasma displays used in real world applications. This standard is validated by the PlasmaSync 61XM2's Five-Star DisplayMate Best Video Hardware Award. According to Dr. Raymond Soneira, President of DisplayMate Technologies, "The NEC 61XM2 Plasma monitor delivered impressive image and picture quality for both computer and video applications. Performance in both the laboratory tests and viewing tests was outstanding. The colors were bright, saturated and an excellent match to our professional studio reference monitor."



NEC



The name you trust. The reliability you deserve. NEC is a global 100 company founded in 1899 with over \$40 billion in revenue and 130,000 employees. NEC is also the world's #3 patent holder with over 70,000 patents worldwide.

For more information, call 800.632.4636 or visit www.necvisualsystems.com

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CUSTOM
ELECTRONIC
DESIGN &
INSTALLATION
ASSOCIATION