Clarity is more than a state of mind.

Achieving ultimate clarity connects you to realistic colors and refined details. Understanding the technology within, seamlessly delivers your content into its truest form giving you absolute freedom of expression.

PlasmaSync® 42XM2, PlasmaSync 50XM3 and PlasmaSync 61XM2

It’s a state of being.
a smooth path.

Mass Area Sampling (MASS) ensures high-quality images and allows smooth reproduction for video, computer, and access. MASS also eliminates jagged lines and corrects color blends to create clear and defined images. Finally, proper scaling is selected for the input signal resolution resulting in the most accurate image reproduction possible.

a fine balance.

Control even the darkest of images using the Gamma-12 feature. With over 4,000 shades of gray you can manage the picture’s brightness and enhance the image’s overall quality.

Color Temperature controls the tone of the whites in the image. Four preset modes are available which select a specific color temperature. If finer adjustments are needed simply switch into the professional mode for more advanced tuning.

convert your image.

The new Scan Converter changes input signals in accordance with the resolution of the display. This makes a dramatic difference resulting in even the smallest of characters being perfectly legible.

shielding to protect.

With AccuShield your screen stays protected from image retention with the most comprehensive set of built-in modes including programmable Orbiter, All-White, Pixel Refresh, Brightness Limiter and Soft Focus.

advanced configuration.

NEC has built-in many professional grade functions such as the Advanced Filter that can carry out various functions at designated times. Operations include power saving, preset selection and activating built-in modes. These features allow the monitor to virtually operate itself.

Built-in image matrixing is possible in two configurations resulting in a 2x2 or 3x3 video wall allowing the video to be split into quadrants eliminating the need for external matrix equipment.

making your connection.

Connect to multiple sources from video to HD to RGB. Signal loop-out capability allows a source to easily be looped from one monitor to the next. The next advancing go conect a display while with an end of external DA*

convenient and sleek.

With our new cabinet design we have increased the display to such an extent that the focus is on the image and not the frame around the image. The new valued design also allows for a small form PC to be attached solving the problem of source equipment location.

quiet operation.

Engineered with silence as a priority these units produce a noise level of only 22dB, these XGA models perform quietly in any environment.

external control and self diagnostics.

A complete set of RS232 commands allow monitor functions to be controlled remotely via serial communications. In addition, operating problems can be identified and communicated via RS232 or front bezel LED lights through its self diagnostics system.

suite your style.

Depending on your needs, you can display in either portrait or landscape orientation.

*Signal DA is required for sending a signal to more than 4 monitors simultaneously.
NEC followed the path to perfection in developing its plasma professional grade monitors. The idea that your visuals can be displayed anywhere and at any time is the center of our technology. You and your audience will truly experience perfection.

activating absolute clarity.
NECs advanced plasma panel technology produces stunning images in a wide 360 color gamut representation of 16.7 million (16.7M) colors for accuracy in displaying images in both full color and single color aspects. This means the monitor can display sharper, more vivid pictures than any monitor on the market. Accurate color reproduction is more than a freedom of expression. The PlasmaSync XGA models deliver superb image quality, and PlasmaSync 29.9” (760mm) phosphor ratio. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios.

enlightening your business needs.
While you understand your business and how your ideas need to be perfectly reproduced, you depend on the experts to bring your presentations to light. Enlightenment means knowing that the best way to display these ideas is to trust a company that understands your needs. NECs commitment to absolute quality, reproduction and service is unparalleled. The PlasmaSync Multimedia monitors offer outstanding picture quality, high resolution support, computer, video and HDTV source compatibility for conference room presentations, broadcast production, home theater entertainment and other multimedia applications.

achieving absolute clarity.
NEC’s advanced plasma panel technology produces selecting images in a wide 360 color gamut representation of 16.7 million (16.7M) colors for accuracy in displaying images in both full color and single color aspects. This means the monitor can display sharper, more vivid pictures than any monitor on the market. Accurate color reproduction is more than a freedom of expression. The PlasmaSync XGA models deliver superb image quality, and PlasmaSync 29.9” (760mm) phosphor ratio. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios.

achieve ultimate color using our Color Tune Technology. It is now possible to adjust enhancing the appearance of content originally produced in 24 frame/second film.

NEC’s advanced plasma panel technology produces convincing images in a wide 360 color gamut representation of 16.7 million (16.7M) colors for accuracy in displaying images in both full color and single color aspects. This means the monitor can display sharper, more vivid pictures than any monitor on the market. Accurate color reproduction is more than a freedom of expression. The PlasmaSync XGA models deliver superb image quality, and PlasmaSync 29.9” (760mm) phosphor ratio. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios.

achieving absolute clarity.
NEC’s advanced plasma panel technology produces selecting images in a wide 360 color gamut representation of 16.7 million (16.7M) colors for accuracy in displaying images in both full color and single color aspects. This means the monitor can display sharper, more vivid pictures than any monitor on the market. Accurate color reproduction is more than a freedom of expression. The PlasmaSync XGA models deliver superb image quality, and PlasmaSync 29.9” (760mm) phosphor ratio. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios.

achieving absolute clarity.
NEC’s advanced plasma panel technology produces selecting images in a wide 360 color gamut representation of 16.7 million (16.7M) colors for accuracy in displaying images in both full color and single color aspects. This means the monitor can display sharper, more vivid pictures than any monitor on the market. Accurate color reproduction is more than a freedom of expression. The PlasmaSync XGA models deliver superb image quality, and PlasmaSync 29.9” (760mm) phosphor ratio. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios. This enables the monitor to display clear, readable information from VGA to UXGA in both 16:9 and 4:3 aspect ratios.
a smooth path.

Mass Area Sampling (MASS) delivers high quality images and allows smooth reproduction for clear, precise color. MASS also eliminates jagged lines and corrects color bleeds to create clear and defined images. Finally, proper scaling is selected for the input signal resolution resulting in the most accurate image reproduction possible.

a fine balance.

Control even the darkest of images using the Gamma-12 feature. With over 4,000 shades of gray you can manage the picture’s brightness and enhance the image’s overall quality.

Color Temperature controls the tone of the whites in the image. Four preset modes are available which select a specific color temperature. If finer adjustments are needed simply switch into the professional mode for more advanced tuning.

convert your image.

The new Scan Converter changes input signals in accordance with the resolution of the display. This makes a dramatic difference resulting in even the smallest of characters being perfectly legible.

shielding to protect.

With AccuShield your screen stays protected from image retention with the most comprehensive set of built-in modes including programmable Orbiter, All-White, Pixel Refresh, brightness limits and soft focus.

advanced configuration.

NEC has built in many professional grade features such as the Advanced Filter that can carry out noise reduction operations at designated times. Operations include removing artifact, image sharpening and activating long term modes. These features enable the monitor to actually operate itself.

Built-in image matching is possible in two configurations resulting in a 2x2 or 3x3 video wall. Internal processing allows the video to split into quadrants which enables the video to be split and independently controlled.

making your connection.

Connect to multiple sources from video to HD to RGB. Signal loop-out capability allows a source to easily be looped from one monitor to the next. The next advancing goes to control a display without the use of an external DVI.

convenient and sleek.

With a new cabinet design we have minimized the bezel size to make sure that the focus is on the image and not the frame around the image.

quiet operation.

Engineered with silence as a priority these units produce a noise level of only 22dB, these XGA models perform quietly in any environment.

external control and self diagnostics.

A complete set of RS232 commands allow monitor functions to be operated remotely via serial communications. In addition, operating problems can be identified and communicated via RS232 or front bezel LED lights through its self diagnostics system.

suite your style.

Depending on your needs, you can display in either portrait or landscape orientation.

Our advanced menu system allows for precise color and image matching for a consistent image.
Our advanced menu system allows for precise color and image matching for a consistent image.

making your connection.  
Connect to multiple sources from video to HD to RGB. Signal loop-out capability allows a source to easily be looped from one monitor to the next allowing you to connect 4 displays without the use of an external DA*.

zoom in.  
Digital Zoom allows you to select any portion of the screen and magnify it to emphasize a point or highlight information. Zoom in up to 300% with push button ease from the remote control to make your point!

convenient and sleek.  
With a new cabinet design we have minimized the bezel size to make sure that the focus is on the image and not the frame around the image.

The new cabinet design also allows for a small form PC to be attached solving the problem of source equipment location.

quiet operation.  
Engineered with silence as a priority these units produce a noise level of only 22dB, these XGA models perform quietly in any environment.

external control and self diagnostics.  
A complete set of RS232 commands allow monitor functions to be operated remotely via serial communications. In addition, operating problems can be identified and communicated via RS232 or front bezel LED lights through its self diagnostics system.

suite your style.  
Depending on your needs, you can display in either portrait or landscape orientation.

---

*Signal DA is required for sending a signal to more than 4 monitors simultaneously.*
Achieving absolute clarity.

NEC’s advanced plasma panel technology produces individual colors in a White RGB color scheme of selected (1 bit) white, 8-bit RGB for full color gamut reproduction. With NEC’s Capsulated Color Filter Technology, each pixel contains three separate filters for primary colors of red, green and blue, each energized by its own phosphor. This produces a high color contrast and accurate and consistent color.

NEC followed the path to perfection in developing its plasma professional grade monitors. The idea is that your visuals can be displayed anywhere and at any time is the core of our technology. You and your audience will truly experience perfection.

NEC’s advanced plasma panel technology produces individual colors in a White RGB color scheme of selected (1 bit) white, 8-bit RGB for full color gamut reproduction. With NEC’s Capsulated Color Filter Technology, each pixel contains three separate filters for primary colors of red, green and blue, each energized by its own phosphor. This produces a high color contrast and accurate and consistent color.

NEC followed the path to perfection in developing its plasma professional grade monitors. The idea is that your visuals can be displayed anywhere and at any time is the core of our technology. You and your audience will truly experience perfection.