

**NEW**

# **RX-55 Narrow Bezel LCD Display**

## Product Introduction

Date: July, 2012

Version: 2.0

## **New Development – Large Size & Slim Border**

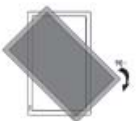
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Introducing AG Neovo's newly advanced products will not only include innovative technologies but extend to a comprehensive set of specialised features as to fulfill the diverse market needs.

# Market Position

## RX-55

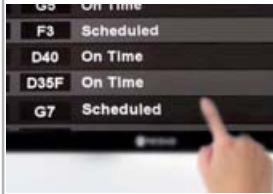







Built on a 10-bit, 120Hz premium-grade LCD panel, the RX-55 is armed with AG Neovo's AIP technology that reproduces colours and details with an exceptional faithfulness. On top of Anti-Burn-in™ and an internal HeatControl Sensor, it also comes with EcoSmart Sensor technologies that ensure round-the clock operations. Given the display's zoom function, users can easily install a video wall matrix. Crafted with both function and form in mind, it is the aesthetic choice that makes business sense for all sorts of public places and applications.



# Applied Environments

Narrow bezel design with Superior colour performance is ideal for demanding environments like emergency operations centres, traffic and surveillance centres, public utilities and process control rooms, signage, directories & wayfindings and conferences

- Emergency operation centres
- Traffic and surveillance centres
- Utilities and process control
- Digital signage
- Directories and wayfinding
- Hospitality
- Seminar & Conferences
- Multi-media system

Airport	Department store	Street	Restaurant
			
Meeting Room	Class room	Surveillance room	Process control
			

# RX- 55 Feature Summary

## Features

- 1920 x 1080 Full HD, 700 nits high brightness
- 10 bits, 120 Hz IPS panel with MotionEnhance technology
- Optimised for public viewing: attractive 1.9 cm aluminum slim bezel
- NeoV™ Optical Glass
- Horizontal resolution up to 600TVL(NTSC), 620TVL(PAL)
- Anti-Burn-in™ technology to prevent the image from image burn-in effect, and protect the investment
- AIP Technology: 3D Comb filter / Deinterlace / Noise Reduction / PIP and PBP
- The forerunner of stand-by mode: less than 0.5 watt
- EcoSmart Sensor auto adjusts brightness for ultra low power consumption
- HeatControl Sensor will automatically activate the internal cooling fan to cool down the temp
- EcoSwitch for zero watt power consumption
- Built-in Scheduler enables to program different scheduled activations
- Display orientation: Landscape, and Portrait
- Zoom function enables the easy implementation of a video wall up to 5 x 5 displays <sup>\*Remark1</sup>
- Versatile connectivity: HDMI, CVBS in/out, DVI, VGA in/out, S-Video, YPbPr, Audio in/out
- Durable metal housing design
- Rigorous screening of the components for mission-critical 24/7 applications

# Product Features (page 1)

RX-55 incorporates the latest 10 bits, 120Hz premium-grade panel and image processing engine & innovations for an utmost intensified contrast, colour and details, vivid skin tones, enhanced depth of field perception

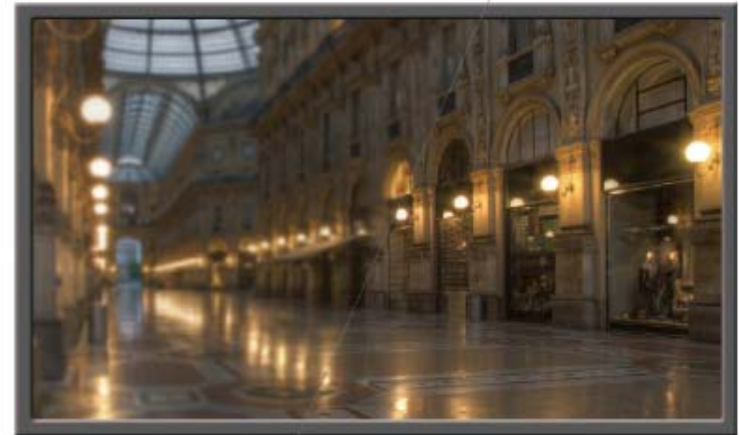


1920 x 1080 Full HD (1080P),  
10 bits / 120Hz premium panel  
with MotionEnhance technology

RX-55 adopts with advanced video processing of 120Hz with MotionEnhance technology and high dynamic contrast ratio, the Full 1920x1080 - 1080p resolution allows for exceptionally deep, rich blacks and extraordinarily brilliant colors

## 7000:1 Adaptive Contrast Ratio

Crisp 7000 Adaptive contrast ratio (AC) and high 700 nits brightness generate vibrant, detailed images and sharp graphics



Others

AG neovo

# Product Features (page 2)



## Advanced Image Platform™:

- > Built-in Image Enhancer
- > Smart Omni Viewer: PIP, PAP

Solutions for optimised image quality and flexible image viewer options. Featuring 3D Comb filter, Deinterlace, and Noise Reduction, AG Neovo's cutting-edge image processing technology is incorporated into the displays to fulfill the demand of security and surveillance environments

## Great Performance of Low-level Grayscale Design

A combination of excellent black levels and great dark matter detailing within gray scales that create a superb picture for the human eye



Built-in Image Enhancer, offering abundant clarity to even the most demanding professional environments

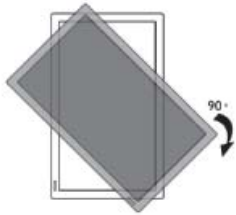


AG Neovo RX-55

Others

# Product Features (page 3)

## Display orientation: Landscape, and Portrait



The flexibility in display orientation—either landscape or portrait—means user freedom in fitting whatever setting



## Optimised for public viewing: Large Size Thin-bezel Display



Attractive 1.9 cm aluminum slim bezel design makes a pleasant addition to any intended environment

## IR Remote Control

User friendly and on-screen menus for adjusting display parameters to the specific preferences

## Durable Metal Housing for Added Strength

The TX-Series' metal housing design enhances the strength of monitor for impact proof and product durability

## Wide-range Video System Support

For complete global support, the RX-55 provides the utmost compatibility for wide-range video systems:

NTSC/PAL/SECAM/4.43NTSC/PAL-60



## Convenient VGA and BNC looping

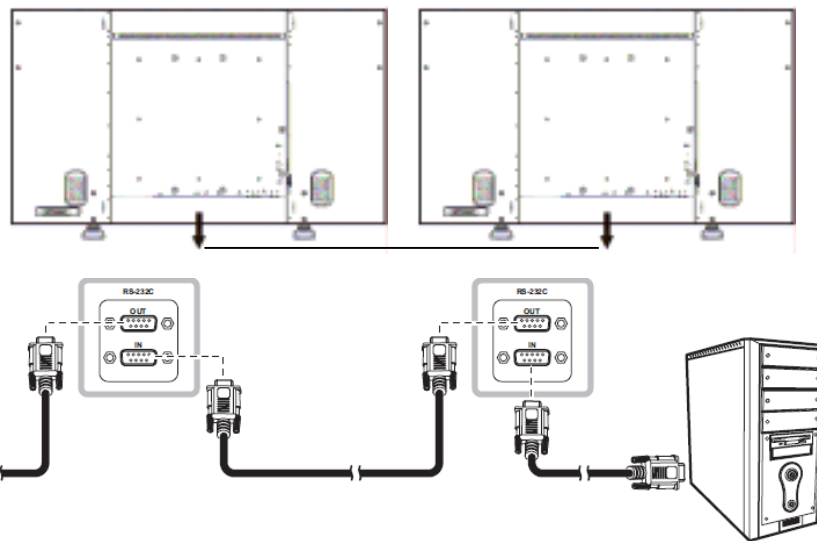
The availability of BNC & VGA looping means that RX-55 users can interconnect multiple displays to create a daisy-chain configuration. It helps conveniently to transmit the same high-quality video under a daisy-chain system.



## RS-232 making multiple display control simple

By connecting a series of AG Neovo displays via RS-232, multiple displays can be controlled and operated easily and simultaneously on PC.

- ✓ RS-232, a standard of serial communication, is used for the communication between PC and displays.
- ✓ A maximum of 254 displays can be connected together.



## Special Feature

# Advanced Energy Efficient Design (page 1)

A pioneer and paradigm in energy efficiency (less than 0.5W at stand-by mode \* remark2), the RX-55's advanced eco-friendly designs help not only conserve the environment but also lower the total cost of ownership.



Comply with CE  
(EuP new  
standard in 2013 )



Remark 2: RX-55 complies with the CE's EuP new standard in 2013.  
The directive is 2009/125/EC. EC no.: 1275/2008

## Special Feature

# Advanced Energy Efficient Design (page 2)

## HeatControl Sensor



Energy waste is kept to a minimum as the RX-55 uses an advanced fan-based cooling system to bring down the temperature to an optimal level. This further ensures reliable performance of the display 24 hours a day, every day of the week.

## Programmable Scheduler

Given a built-in scheduler, users can set the times of the display's automatic activation and deactivation according to their needs.



## EcoSmart Sensor

Light environment  
(brightness increased)



Dark environment  
(Brightness reduced)



As is most fitting and crucial to round-the-clock operation, the EcoSmart Sensor optimises energy efficiency by automatically adjusting brightness in accordance with ambient luminance.

### SCHEDULE

TODAY	2001 . 3 . 5	FRI	18 : 52 : 16
<input type="checkbox"/> 1	ON	OFF	INPUT
<input type="checkbox"/> 2	-- : 00	-- : 00	VIDEO
<input type="checkbox"/> 3	<input type="checkbox"/> EVERY DAY		
<input type="checkbox"/> 4	<input type="checkbox"/> MON	<input type="checkbox"/> TUE	<input type="checkbox"/> WED
<input type="checkbox"/> 5	<input type="checkbox"/> FRI	<input type="checkbox"/> SAT	<input type="checkbox"/> SUN
<input type="checkbox"/> 6	<input type="checkbox"/> EVERY WEEK		
<input type="checkbox"/> 7			

**▲▼ Sel** **+ - Adjust** **SET Enter** **EXIT Back** **MENU Quit**

## Special Feature

# Video Wall Matrix Design (page 1)

The slim bezel RX-55 excels in both function and form. It can be lined up as a video wall matrix in up to 5 x 5 configurations <sup>\*Remark1</sup>. No less than an aesthetic choice, it makes business sense for all sorts of public places and applications—traffic and surveillance centres, public utilities control rooms, to name just a few.



Easy installation of a video wall matrix. (Up to 5x5)

\*Remark 1: using an external video control solution may generate more units than 5x5



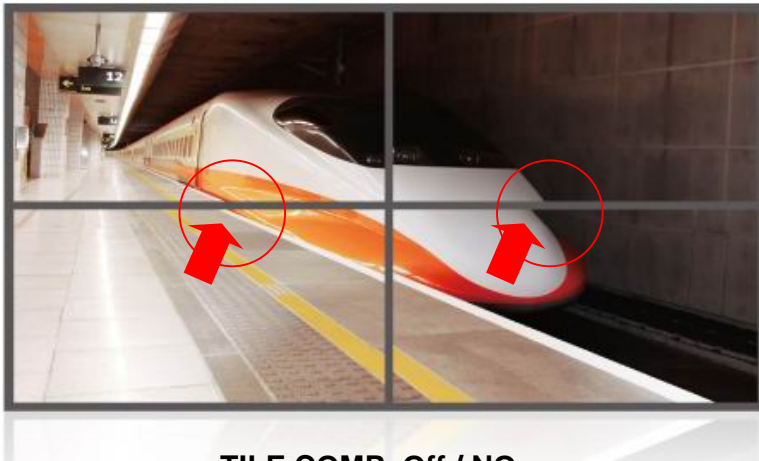
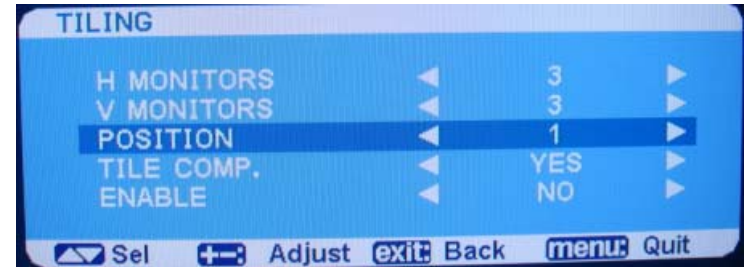
## Special Feature

# Video Wall Matrix Design (page 2)

## Tiling capability with Tile Compensation

A Tile Compensation function is incorporated to adjust for the width of panel bezels so that images are displayed with the utmost accuracy.

• **TILE COMP** - Choose to turn on or off the tile compensation function. If turned on, the monitor will adjust the image to compensate for the width of the monitor bezels in order to accurately display the image.



TILE COMP. Off / NO



TILE COMP. On / YES

## Special Feature

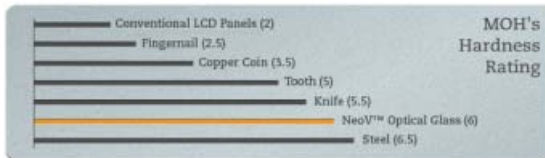
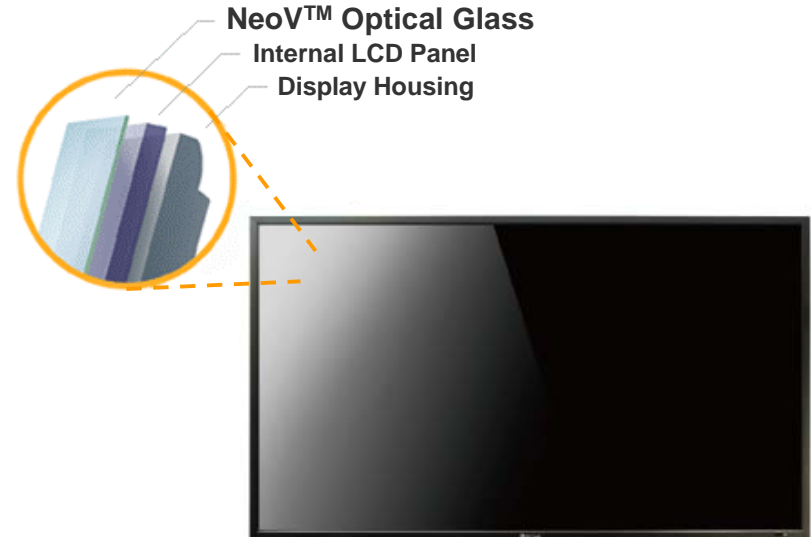
# NeoV™ Optical Glass

Designed specifically to protect displays in multi-user and public environments, NeoV™ Optical Glass is the industry's most trusted hard glass technology



## NeoV™ Optical Glass Benefits

- Display Panel Protection
- Anti-reflective & Scratch-resistant Coating
- Scratch-proof & Impact-safe
- High Brightness Transmittance
- Easy To Clean
- Professional Look & Feel



NeoV™ Optical Glass is the winner of "Best Innovation Award" from PC Magazine

## Special Feature

# Anti-Burn-in™ Technology

AG Neovo's Anti-Burn-in™ technology effectively prevents the burn-in ghost images and allow the display to be viewed continuously without any fear of noticeable effects on the real-time images at even the most demanding work place.



## Advantages of Anti-Burn-in™ technology:

- Secure Your Investment
- Built to Last
- Flexibility to Turn On / Off

## Programmable Anti-Burn-in™

Furthermore, the RX-Series gives extra advanced programmable capability to adjust the settings at user's preference



The indication "ANTI-BURN-IN ON" will be shown for 5 seconds on the central of the TFT LCD displays when Anti-Burn-in™ starts running

# Product Pictures (page 1)

## Front View



Remark: Stand base is optional



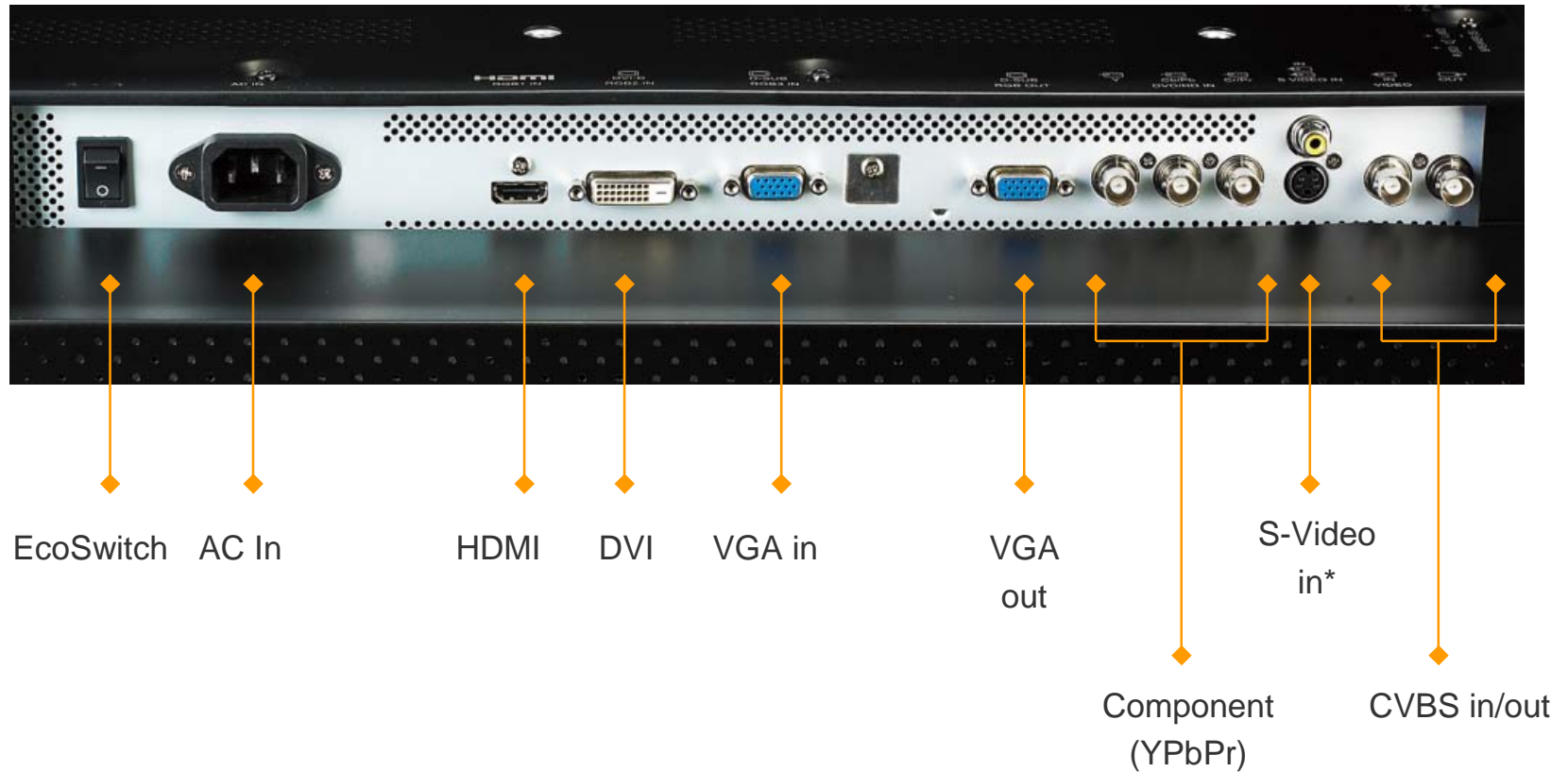
# Product Pictures (page 2)

## Angle View



# Product Pictures (page 3)

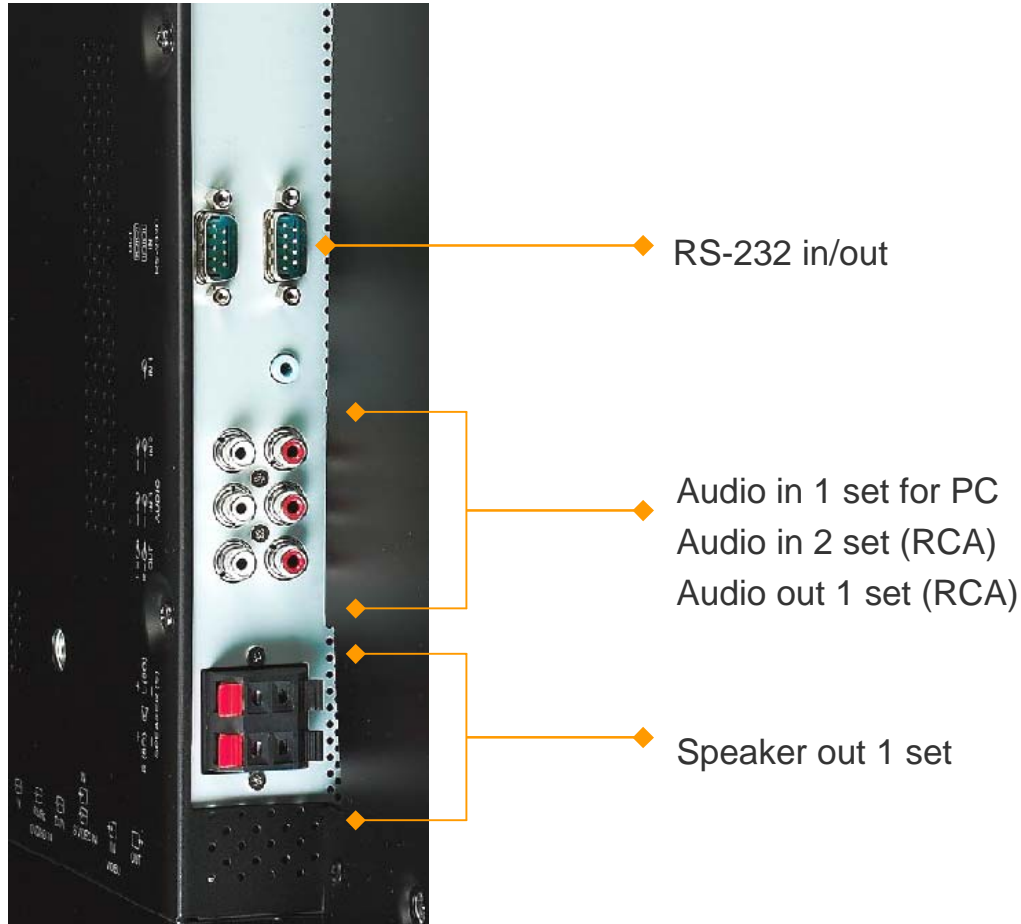
## Function and Feature Highlights



\*Remark: video signal can be only accepted by S-Video through either RCA connector or 4-Pin mini din connector.

# Product Pictures (page 4)

## Function and Feature Highlights



# Product Pictures (page 5)

## Rear View

Button



- Power
- Mute
- Source
- Plus (+)
- Minus (-)
- Up (▲)
- Down (▼)
- Menu



Speaker out

# Accessories

Mounting Solutions

Wall Mount Kit



LMK-01



## Thank You

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