

# **TX-W32 Touch LCD Display**

## Product Introduction

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Version: 4.0



## TX-Series Touch Impact

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Large multi-touch display engineered with advanced optical touch technology and NeoV™ Touch Glass for the busiest and most engaging public environments

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# Market Position

## TX-W32

Multi-touch comes to AG Neovo's awarding-winning hard-glass displays. The TX-W32's advanced optical touch technology and highly accurate, zero-pressure responses make it easy and intuitive for users of all ages and capabilities, ensuring proper usage and longer-lasting displays. And to complement the anti-fingerprint NeoV™ Touch Glass, Anti-Burn-in™ technology and a sturdy metal frame, the TX-W32 features AG Neovo's stylish design that delivers high-quality touch screen functionality in hospitality, museum, and other high-traffic public environments.



# Applied Environments

## TX-Series Applications

### Hospitality:

- Travel recommendation
- Hotel reservations
- Check-ins & Registration

### Shopping Malls/ Retail:

- Directories and wayfinding
- Product browsing
- Interactive digital signage
- Point of information

### Transportation:

- Travel information

### Education:

- Conference
- Presentation

### Entertainment:

- Multi-media system
- Gaming
- Movie trailer browsing

# Selling Points

## TX-W32 Overview

- Incorporates advanced optical touch technology
- Multi-touch capabilities for systems with Microsoft® Windows® 7
- Support Microsoft® Windows® 7, Vista, XP, Mac OS X and Linux
- 1920 x 1080 Full HD resolution
- 5000:1 contrast ratio
- NeoV™ Touch Glass prevents the screen from fingerprints
- Anti-Burn-in™ technology
- Horizontal resolution up to 620TVL (NTSC), 625TVL (PAL)
- Smart Omni Viewer: PIP , PBP and VOV functions
- Built-in Image Enhancer: 3D Comb Filter/ Deinterlace/ Noise Reduction
- Versatile connectivity (VGA, DVI, BNC in/out x 2, S-Video, Component)
- RS-232 for individual and multi-display control
- Built-in HDCP allows HD-format video
- Built-in speakers
- IR remote control
- Durable metal housing
- Control key lock function
- VESA standard wall mount



# Product Features (page 1)

## Large Size Multi-touch Display

Implemented with the most cutting-edge touch technology, the TX-W32 provides intuitive navigation for users of all ages

## 1920x 1080 Full HD Resolution

Given 1920 x 1080 Full HD resolution, the TX-W32 is able to display massive amounts of data in finer detail than has been possible with most other large-format touch displays.



## 5000:1 Contrast Ratio

Crisp 5000 contrast ratio and high 450 brightness generate vibrant, detailed images and sharp graphics

## Versatile Connectivity

To meet the various demand in every environment, a combination of all types of connectors is provided for more integrated solution

# Product Features (page 2)

## NTSC/PAL Video System Support

For complete global support, the TX-W32 provides the utmost compatibility for NTSC and PAL video systems

## 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

## Built-in Speakers

Built-in speakers provide rich sound to accompany other audio-visual system



Strong metal casing for secure mounting



## Special Feature

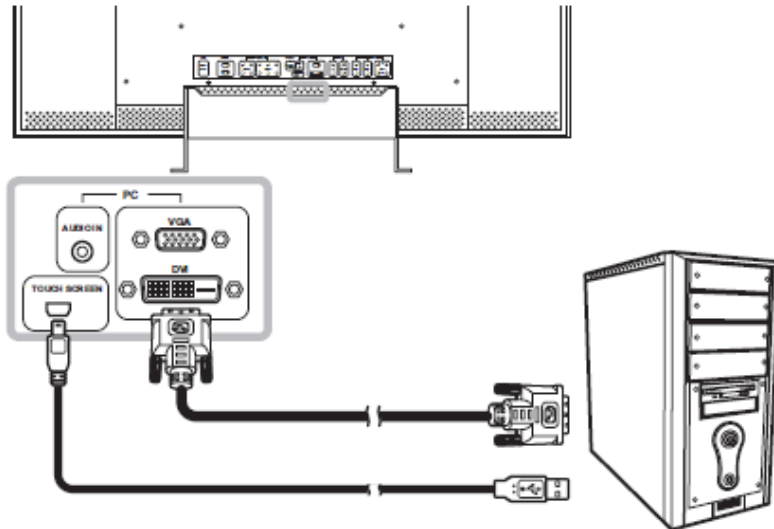
# Optical Touch Technology Overview

## Methodology:

Two optical sensors track the movement of any object close to the surface by detecting the interruption of an infra-red light source.

## Using Touch Screen:

After connecting to the computer via VGA or DVI, connect USB cable to activate touch functions



## Special Feature

# Optical Touch Technology Advantages

**Windows 7-compatible TX-W32 brings exceptional multi-touch accuracy, image clarity and durability to any number of high-traffic and interactive environments**

## Enhance Product Durability

Ultrahigh touch sensitivity of the TX-W32 requires only a minimum amount of pressure, which ensures a much longer lifespan

## Support for Multi-touch Gestures

TX-Series accommodates multiple touch points with a high degree of precision, allowing you to use more than one finger (or any object) to stretch, rotate, or shrink an object, scroll through menus, and efficiently operate any software program.

➤ The availability of multi-touch functions depends on the operating system of the computer. Windows 7 supports multi-touch, while lower versions only support single-touch.



## Easy Operation

Fast drag function allows for quick, accurate finger swipes and brush strokes

## One-time Calibration

Once-only, four-point calibration with no drift which means low maintenance costs

Special Feature

## NeoV™ Touch Glass

Designed specifically for touch displays, NeoV™ Touch Glass prevents screens from fingerprints and provides smooth navigation on screen



## NeoV™ Touch Glass Benefits

- Display panel protection
- Anti-fingerprint
- Scratch-proof & Impact-safe
- Smooth on-screen navigation

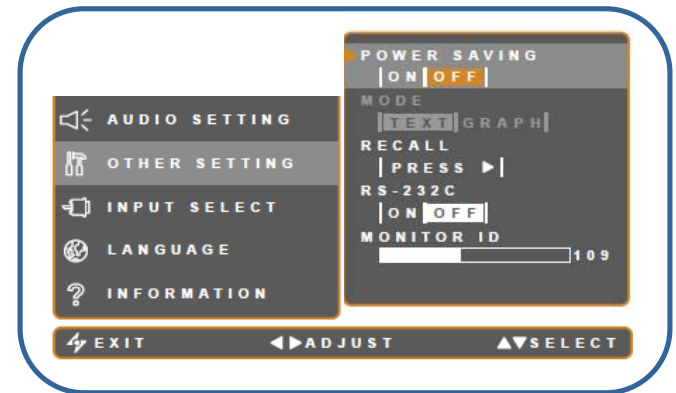
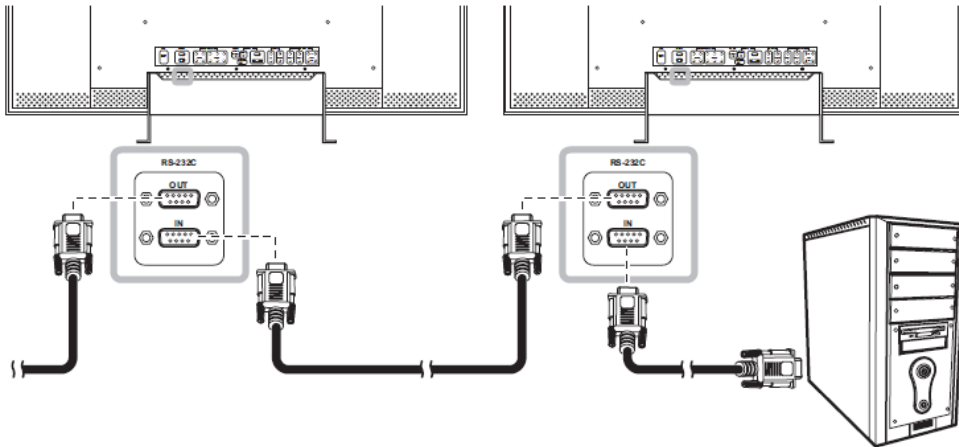


## Special Feature

# 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.



Multiply Display Control (MDC) can be managed via OSD

## 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 TX-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

Special Feature

## Advanced Image Platform™

TX-W42 incorporated with the latest image processing engine & innovations



**Advanced Image Platform™:**

**> Built-in Image Enhancer**

**> Smart Omni Viewer**

### Built-in Image Enhancer

Featuring 3D comb filter, 3D Deinterlace and Noise Reduction to solve image issues – offering abundant clarity to even the most demanding environments

### Smart Omni Viewer: PIP, PBP and VOV displays

Smart Omni Viewer allowing PIP, PBP, and VOV displays features various options to enable multipoint viewing and flexible monitoring

# Product Pictures (page 1)

## Front View/Angle View



# Product Pictures (page 2)

## Front View





# Product Pictures (page 3)

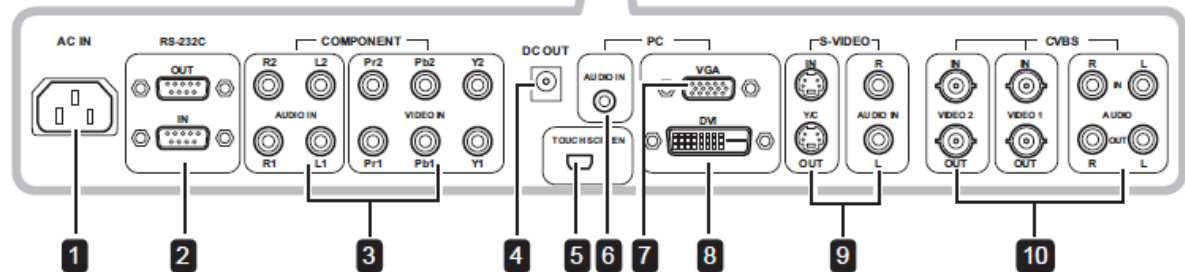
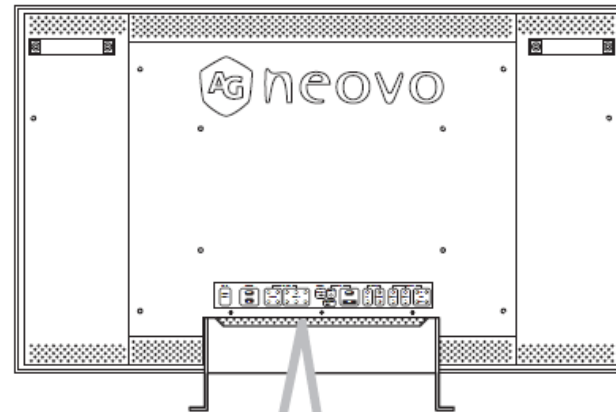
## Angle/SideView



# Product Pictures (page 4)

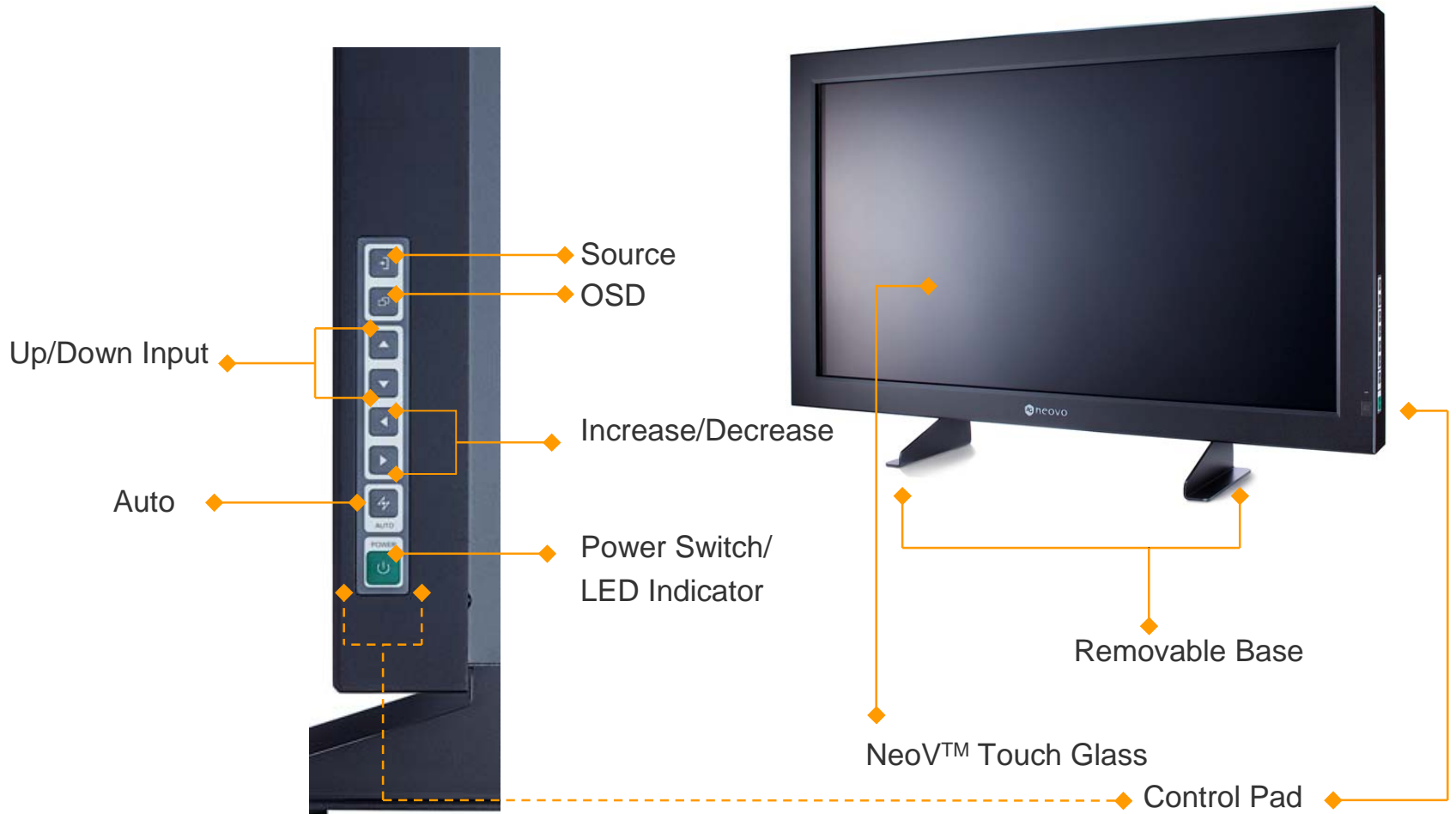
## Rear View and Connectors

1. AC Power Input
2. RS-232 Connectors
3. Component Audio and Video Connectors
4. DC Power Output
5. USB Port for Touch Screen
6. Audio Port
7. VGA Connector
8. DVI Connector
9. S-Video Connector (2)
10. Composite Audio and Video Connectors (2)



# Product Pictures (page 5)

## Function and Feature Highlights



# Accessories

Mounting Solutions

Wall Mount Kit



WMK-01

Display Stand, Arm & Others

HDMI-DVI Cable



CB-01



## Thank You

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