

TX-W42 Touch LCD Display

Product Introduction

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Version: 4.0



TX-Series Touch Impact

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-W42

For the best in versatility, durability and now multi-touch interactivity, display professionals choose the AG Neovo TX-W42. Advanced optical touch technology provides accurate, zero-pressure response from any pointing object, even gloved fingers and styluses. With Windows® 7 multi-touch compatibility, TX-W42 is making it possible for audio-visual designers and integrators to develop exciting and interactive applications. Featuring anti-fingerprint NeoV™ Touch Glass and sturdy metal design, the TX-W42 is designed to perform in point-of-sale systems, directories, information kiosk and other 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-W42 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
- 4000:1 contrast ratio
- NeoV™ Touch Glass prevents the screen from fingerprints
- Anti-Burn-in™ technology
- Horizontal resolution up to 630TVL (NTSC), 650TVL (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-W42 provides intuitive navigation for users of all ages

1920x 1080 Full HD Resolution

Given 1920 x 1080 Full HD resolution, the TX-W42 is able to display massive amounts of data in finer detail than has been possible with most other large-format touch displays.



4000:1 Contrast Ratio

Crisp 4000 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-W42 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

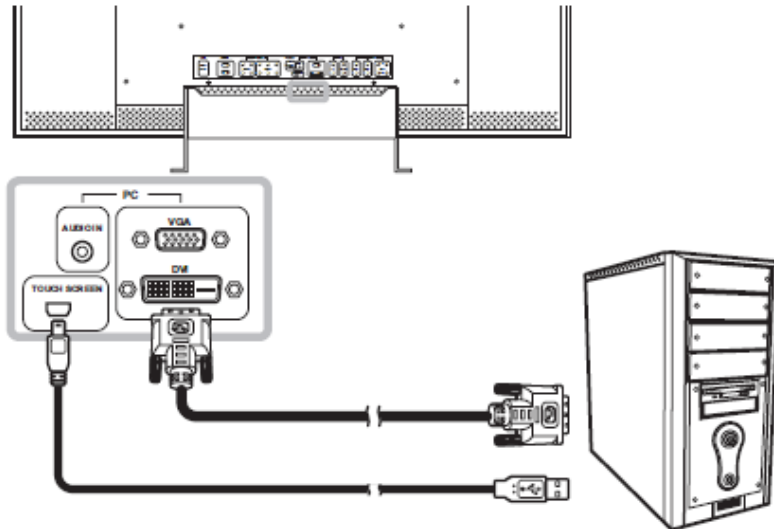
Optical Touch Technology Overview

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-W42 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-W42 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

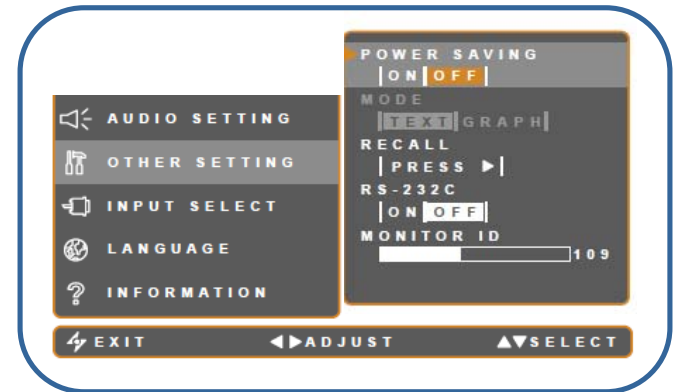
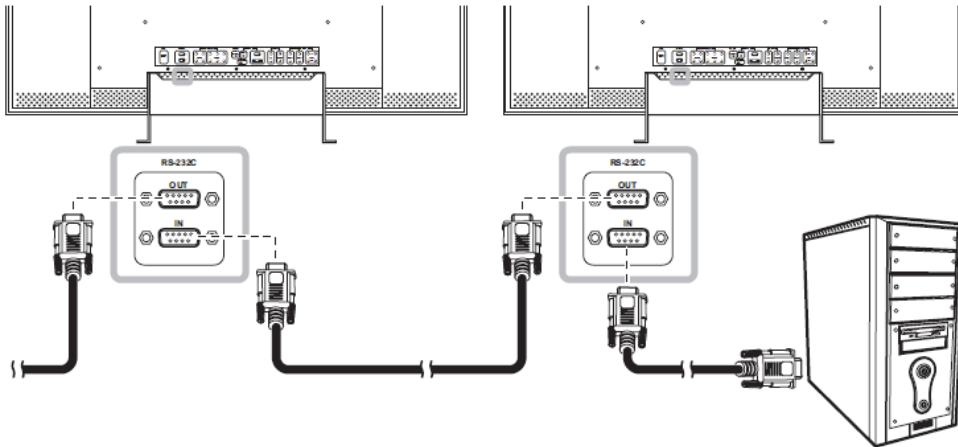


Special Feature

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)

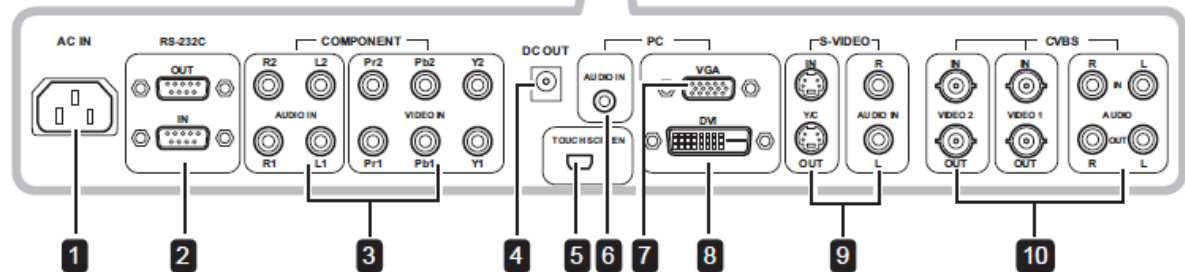
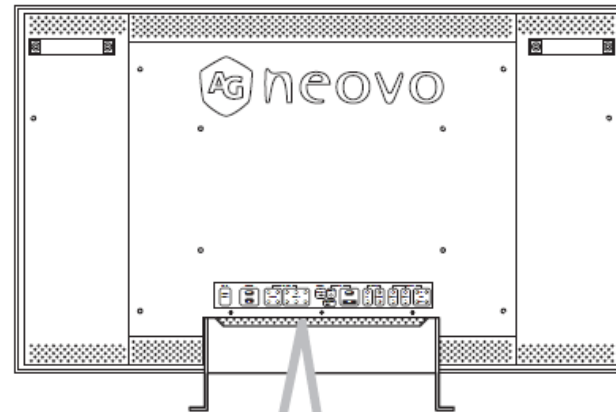
Angle/SideView



Product Pictures (page 4)

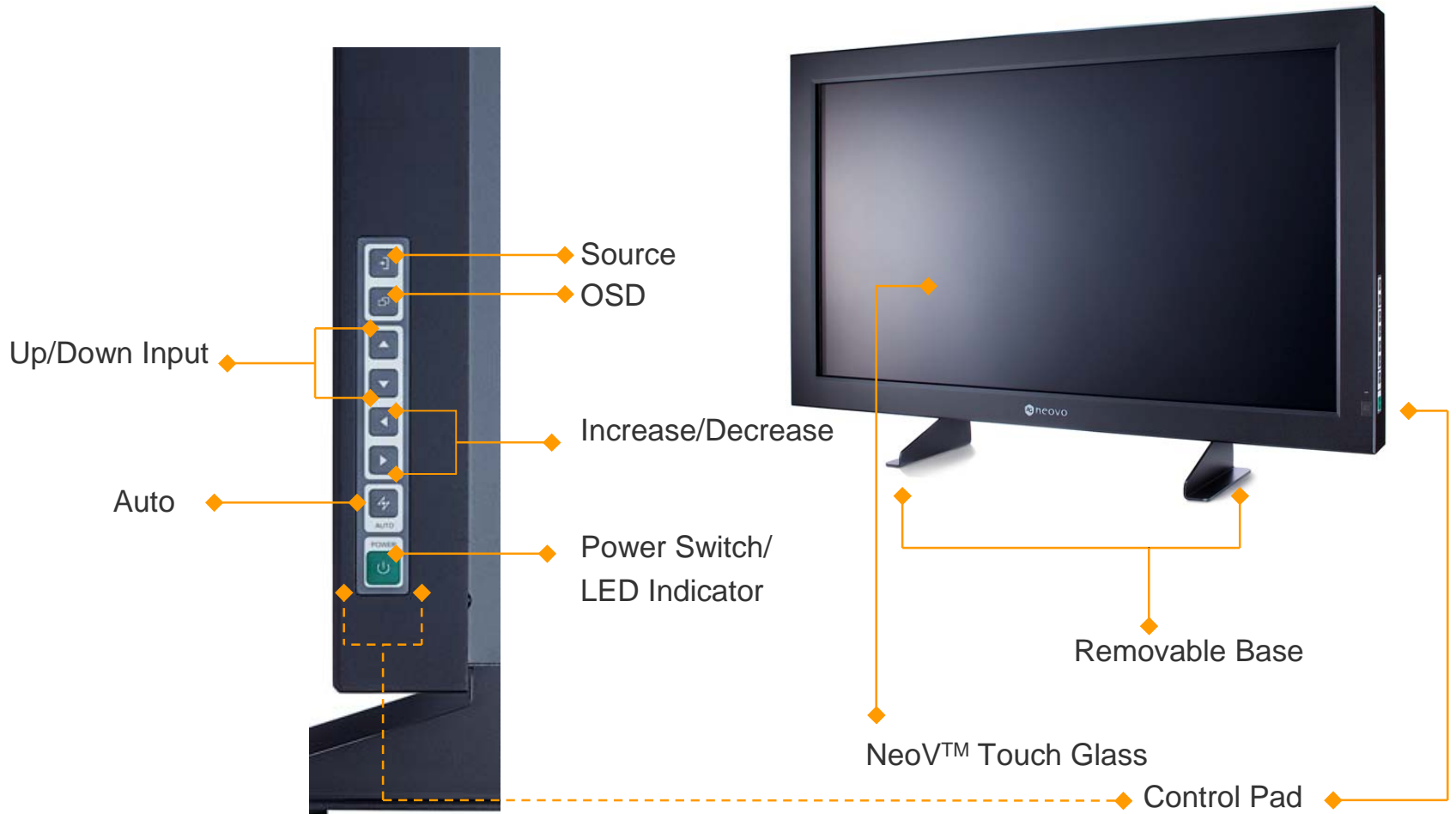
Rear View and Connectors

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



LMK-01

Display Stand, Arm & Others

HDMI-DVI Cable



CB-01



Thank You

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