

# LCD Signature Tablet



## **INTRODUCTION AND OVERVIEW**

The Wacom® STU-500 LCD signature tablet combines the benefits of an LCD technology with the control, comfort, and productivity of Wacom's cordless, battery-free pen technology. This gives you a direct pen-on-screen interface.

The basic components of the LCD signature tablet include a Wacom pen tablet internally mounted behind a 5" diagonal TFT LCD display, and a cordless, battery-free Wacom pen.

# **PRECAUTIONS ON USE AND HANDLING**

Be sure to follow all instructions, cautions, and warnings found within this guide. Failure to do so could cause the loss of data or damage to your computer. Failure to do so could also void your warranty, in which case Wacom shall have no responsibility to repair or replace the product.

## **Usage**

### **WARNING**

Do not use the STU-500 LCD signature tablet in a facility control system that requires extremely high reliability; it may cause other electronic devices to malfunction, or other devices may cause the LCD signature tablet to malfunction. Where use is prohibited, power off the STU-500 to prevent the possibility of it causing other electronic devices to malfunction. Wacom does not accept any liability for direct or consequential damages.

## **Environment**

### **Temperature and humidity**

- Operating temperature and humidity: 5° to 35°C, 20 to 80% RH
- Storage temperature and humidity: -10° to 60°C, 20 to 90% RH

### **CAUTION**

**Do not use or store the LCD signature tablet where:**

- Temperature changes are severe or exceed specifications (e.g., outdoors or inside a vehicle).
- The LCD signature tablet and pen are exposed to direct sunlight or heat from an appliance, or are exposed to water or any other kind of liquid.

**Do not use the LCD signature tablet in a dusty environment;** this may damage the unit.

## **Handling**

### **WARNING**

Be sure to use a specified AC adapter.

If a different type of power adapter is used, the LCD signature tablet will not work properly or may be damaged. Using a different type of power adapter also has the potential to result in fire. Use of a different power adapter will void your warranty.

When not using the LCD signature tablet for long periods of time, unplug the power adapter from the AC outlet.

## Handling

### **WARNING**

**High Voltage. Do not open or disassemble the STU-500 LCD signature tablet. There is a risk of electrical shock when the casing is open.** This will also void your warranty and Wacom shall have no responsibility to repair or replace the product.

**If the LCD screen has been damaged, DO NOT touch any liquid that may be leaking from it;** this liquid is an irritant. In case of contact with skin, eyes, or mouth, rinse immediately with running water for at least 15 minutes or more. If contact is made with the eyes or mouth, also consult a physician.

**Prevent children from swallowing the pen tip.** The pen tip may accidentally be pulled out if children are biting on them.

### **CAUTION**

**Do not disassemble the pen.** This may cause the device to malfunction. In this case, Wacom shall have no responsibility to repair or replace the product.

**Do not scratch the display screen.** Avoid placing sharp objects on the display screen surface.

**Avoid intensive shock or vibration to the STU-500 or the pen.** Hitting or dropping the LCD signature tablet may damage the display screen or other components.

**Do not put heavy articles on the LCD signature tablet or push against it with a strong force;** This may damage the display screen or bend the stand.

**Do not place heavy articles on the STU-500 cabling, repeatedly bend the cables sharply, or apply heavy stress to the cable connectors;** this may damage the unit or cabling.

**If the pen tip becomes sharp or angular, it may damage the coating on the display screen.** Please replace the pen tip if necessary.

**Do not use any organic solvent (e.g., alcohol) or even mild detergent to clean the display screen. Use of these cleaners can damage the coating on the screen.**

**Please note that damage of this kind is not covered by the manufacturer's warranty.**

- To clean the display screen, use an anti-static cloth or a slightly damp cloth. When cleaning, apply only a light amount of pressure to the display screen and do not make the surface wet.
- To clean the LCD signature tablet casing or pen, use a soft cloth with mild detergent (such as dish washing liquid) diluted with water.

**Do not expose the STU-500 to high voltage electrostatic discharges or to a build-up of an electrostatic charge on the LCD screen.** This may result in a temporary discoloration and blotching of the LCD monitor. If discolorations occur, leave the STU-500's display on and the discolorations should disappear within a few hours.



**Reuse, recycling, and recovery.** You are urged to recycle this product when replacing it with a newer product or when it has outlived its useful life by bringing it to an appropriate collection point for recyclable materials in your community or region. By doing this, you can help improve the environment of your community as well as minimize the potential negative effects created should any hazardous substance that may possibly be present within waste material reach the environment during the disposal

process.

Within the European Union, users are required not to dispose of Waste Electrical and Electronic Equipment (WEEE) as unsorted municipal waste, according to the Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003, or the corresponding local laws of the Member States. Products for which this is applicable will be marked with the WEEE symbol shown at the beginning of this note unless this is not feasible because of the size or the function of the product. Wacom products are subject to the Directive 2002/96/EC and therefore you should always collect them separately and bring them to the appropriate collection point in your community or region.

Wacom LCD signature tablet products comply with the European Union RoHS Directive 2002/95/EC (RoHS Directive).

## Connecting the tablet

The STU-500 can be connected to a host computer via a USB or serial cable. However, do not connect both USB and serial cables simultaneously. Consult your authorised Wacom partner, system integrator or software vendor third party (authorised Wacom partner, system integrator or software vendor) for the STU-500 and host computer connection.

## Power supply

The STU-500 is designed to draw all its power from your computer's USB port. In most cases, the USB cable will provide sufficient power to operate the STU-500, but in some cases the optional AC adapter power supply may need to be attached to the STU-500.

For example, when devices other than the STU-500 are connected the host computer may not provide sufficient power. In that case, connect and use the optional AC adapter. Also, when you connect this unit with the host computer via a serial cable, the optional AC adapter is required.

## **Software / Driver**

STU-500 from Wacom does not contain any driver or application software. Any application needed to connect and run STU-500 as a signature capturing device must be delivered by a third party.

## **Service**

STU-500 is part of a complete solution that has been delivered by a third party. Please contact this third party (authorised Wacom partner, system integrator or software vendor) for any support.

## **Replacing the pen tip**

The pen tip (nib) will wear with normal use. When the nib gets too short or develops a sharp edge, you can replace it with the extra nibs. For replacement of pen tip please contact to authorised Wacom partner, system integrator or software vendor.

## **Caring your LCD signature tablet**

Keep the pen and your LCD signature tablet LCD screen surface clean. Dust and dirt particles can stick to the pen and cause wear to the display screen surface. Regular cleaning will help prolong the life of your LCD screen surface and pen. Keep the tablet and pen in a clean, dry place and avoid extremes in temperature. Room temperature is best. The STU-500 and pen are not made to come apart. Taking apart the product will void your warranty.

### **Cleaning**

To clean the LCD signature tablet casing or the pen, use a soft, damp cloth; you can also dampen the cloth using a very mild soap diluted with water. Do not use paint thinner, benzene, alcohol, or other solvents to clean the unit casing or pen.

To clean the display screen, use an anti-static cloth or a slightly damp cloth. When cleaning, apply only a light amount of pressure to the display screen and do not make the surface wet. Do not use detergent to clean the display screen; this may damage the coating on the screen. Please note that damage of this kind is not covered by the manufacturer's warranty.

## **Radio and television interference**

The equipment described in this manual generates, uses, and can radiate radio-frequency energy. If it is not installed and used properly – that is, in strict accordance with applicable instructions – it may cause interference with radio and television reception.

## **CE declaration**

The STU-500 has been tested and found to comply to the following harmonized European Norms:

- EN 55024: 1998+A1:2001+A2:2003 (electromagnetic immunity)
- EN 55022: 1998+A1:2000+A2:2003, Class B (electromagnetic emissions)
- EN 61000-3-2: 2000, Class D (electromagnetic emissions)
- EN 61000-3-3: 1995+A1:2001 (electromagnetic emissions)

The Wacom power adapters have been tested by their manufacturers and found to comply to the following harmonized European Norms:

- EN 55024: 1998+A1:2001 (electromagnetic immunity)
- EN 55022: 1998+A1:2000, Class B (electromagnetic emissions)
- EN 61000-3-2: 2000, Class D (electromagnetic emissions)
- EN 61000-3-3: 1995+A1: 2001 (electromagnetic emissions)
- EN 60950: 2000 (safety)

Based on the results of these tests, Wacom declares that the above mentioned device conforms to the European Council Directive 89/336/EEC, and their amendment Directive 93/68/EEC and indicates this conformity by the CE-sign on each device.

The device must be installed and operated always in strict accordance to the instructions given in this manual.

Any changes or modifications to this product that were not specifically authorized by Wacom will invalidate this declaration.

## **Federal Communications Commission (FCC) notice**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

You can determine whether the equipment is causing interference by powering it off. If the interference stops, it was probably caused by the equipment.

If the equipment does cause interference to radio or television reception, you may be able to correct the interference by using one or more of the following measures:

- Rotate the television or radio antenna until the interference stops.
- Move the equipment farther away from the television or radio.

- Plug the equipment and computer into an outlet that is on a different circuit from the television or radio.

If necessary, consult your Wacom dealer or an experienced radio/television technician for help.

Changes or modifications to this product not authorized by Wacom could void the FCC Certification and negate your authority to operate the product.