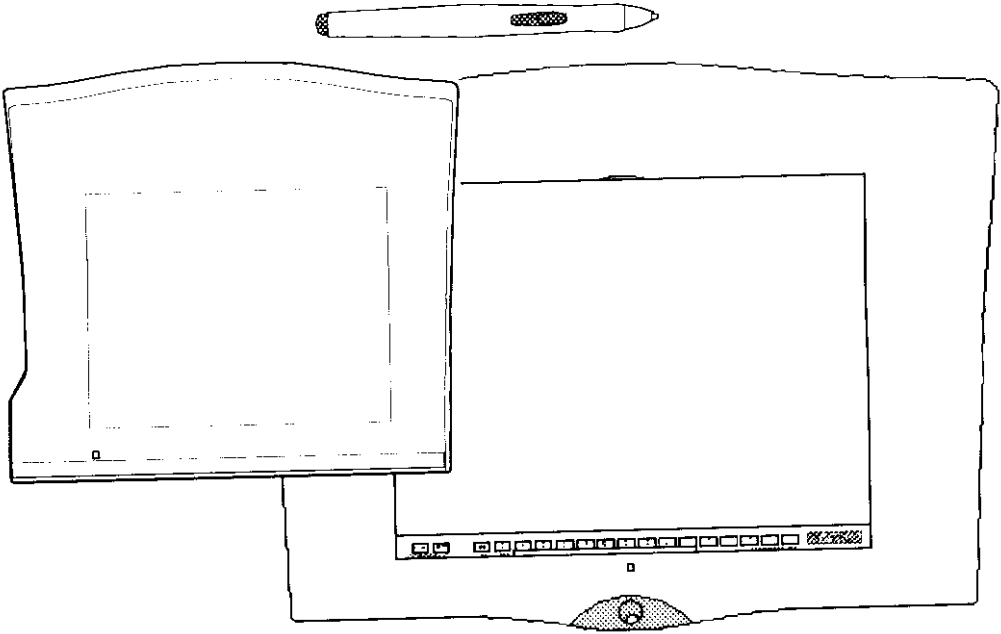


WACOM Co., Ltd.



CT-0405/0608-U USB Tablet
User's Manual
Ver 0.1

User's Manual: CT-0405/0608-U USB Tablet

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FCC Notice

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 Wacom instructions) it may cause interference with radio and television reception.

Federal Communications Commission (FCC) Notice

This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in Part 15 of FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

You can determine whether your tablet is causing interference by disconnecting it from the computer. If the interference stops, it was probably caused by the tablet.

If your tablet does cause interference to radio or television reception, try 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 tablet to either side of the television or radio.
- Move the tablet farther away from the television or radio.
- Plug the computer (and serial tablets) into an outlet that is on a different circuit from the television or radio. (That is, make certain the computer equipment, and the television or radio are on circuits controlled by different circuit breakers or fuses.)

If necessary, consult your authorized Wacom dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet, prepared by the Federal Communications Commission: Interference Handbook (stock number 004-000-00345-4). This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

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

This product was tested for FCC compliance under conditions that included the use of shielded cables and connectors between system components. It is important that you use shielded cables and connectors to reduce the possibility of causing interference to radios, television sets, and other electronic devices.

Proper Usage

To ensure the proper usage of your graphics tablet, avoid using or storing the tablet in places where:

- Infants can reach.
- Temperatures may exceed the operating temperature range of 41.F to 104.F (or 5.C to 40.C).
- A severe temperature change may occur, such as outdoors or in a vehicle.
- There is high humidity (operating humidity: 20% to 80%).
- There is a lot of dust or moisture.
- There is exposure to direct sunlight or close to a heating device such as a heater.
- There is exposure to strong magnetic fields.

Cautions in Handling

- Avoid intensive shock or vibration.
- Do not hit or drop the graphics tablet or components.
- Do not disassemble the tablet or stylus.
- Do not use thinner, benzene, alcohol or other volatile liquids on the tablet or stylus. Use diluted neutral detergent with a soft clean cloth, tightly squeezed out.

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1. The Wacom Advantage

Congratulations for choosing the "Wacom advantage" and welcome to the world of cordless digitizing!

Wacom technology provides a set of drawing tools that are ergonomically designed to be natural extensions of the hand. Cordless and light-weight, these drawing tools make drawing or writing on a Wacom graphics tablet feel as comfortable as using a pen on paper.

The Wacom CT-0405/0608-U USB Tablet User's Manual provides a detailed description of each type of CT-0405/0608 tablet and its stylus, including its installation, use and maintenance. A description of the Wacom software driver that is provided with the tablet is included under separate cover.

Contents of the Package

The Wacom CT-0405/0608-U USB tablet comes equipped with a stylus (pen) and software in a CD-ROM.

Note: Save the packaging materials that came with the Wacom CT-0405/0608-U tablet. You may need these items to store or ship the tablet in the future.

Technical Support

Contact your local Wacom distributor for technical support.

2. Getting Started

The Wacom CT-0405/0608-U tablet is sometimes called graphics tablet, digitizers or tablets. In each case, the CT-0405/0608-U tablet is an electronic device that transmits coordinate data for graphics and handwriting to the software on the host computer.

The CT-0405/0608-U tablet continuously transmits data to and from a pointing device, such as a stylus (pen). When transmitting, the tablet sends a signal to the pointing device. The pointing device stores energy from the signal.

When receiving, the pointing device sends a signal that carries coordinate, switch, and pressure data back to the tablet. The tablet sends this data to the computer.

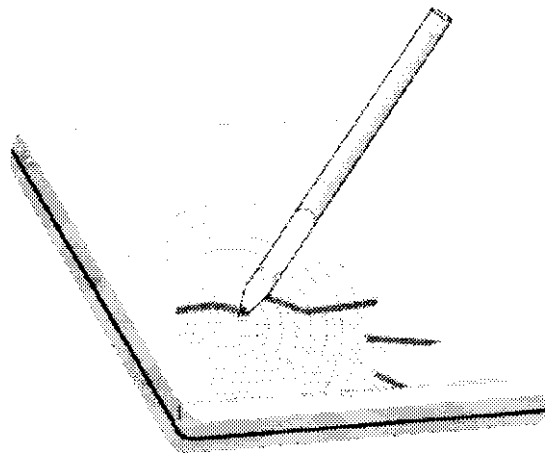


Figure 2-1. Wacom CT-0405/0608-U Tablet

CT-0405/0608-U USB Graphics Tablet

The CT-0405/0608-U tablet can be connected to a computer that provides an interface for a USB port. The CT-0405/0608-U tablet contains the following components:

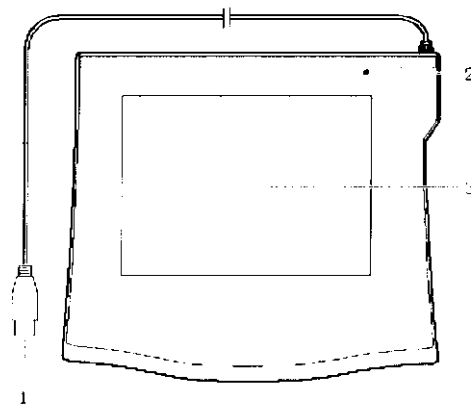


Figure 2-2. Wacom CT-0405-U USB Tablet

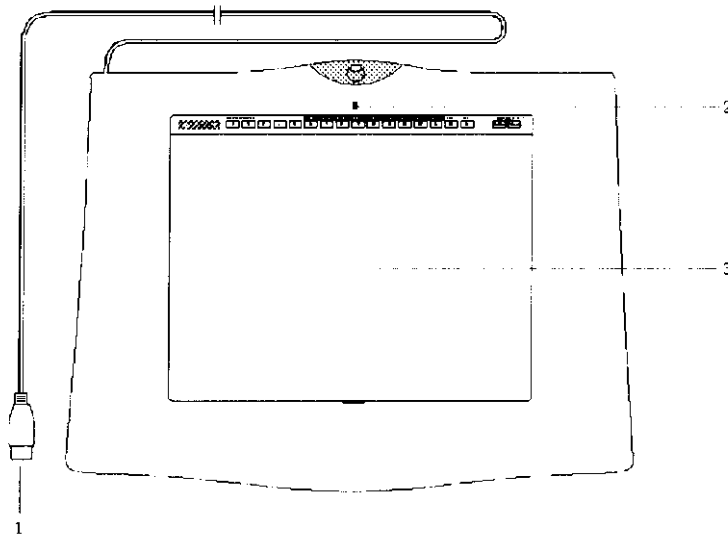


Figure 2-2. Wacom CT-0608-U USB Tablet

1 USB Connector

The cable is connected to the tablet and is ready for installation to a USB port.

2 Status Light

When the status light is orange, the tablet is on. When the status light is green, a stylus is on the active area of the tablet with a switch pressed.

3 Active Area

A stylus can be used on the active area.

Stylus

The CT-0405/0608-U tablet is equipped with a UP-703E stylus.

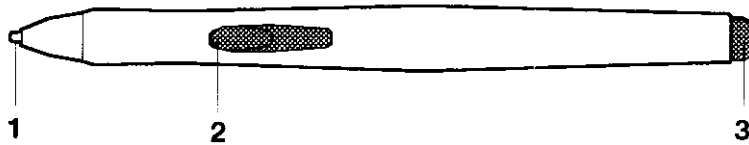


Figure 2-3. Stylus Parts

1 Tip Switch

The tip switch is pressure-sensitive and is activated when you press it down on the tablet's surface. The function of the tip switch is defined by the Wacom Tablet driver.

2 Side Switch

The side switch is activated when pressed. The function of the side switch is defined by the Wacom Tablet driver.

3 Eraser End

The eraser end is also pressure-sensitive and is activated when you press it down on the tablet's surface. The function of the eraser end is a pressure sensitive tool that is defined in particular application software.

Holding a Stylus

When you use a stylus, hold the stylus as you would a pencil. Be sure to position your fingers to avoid accidental hitting of the side switch.

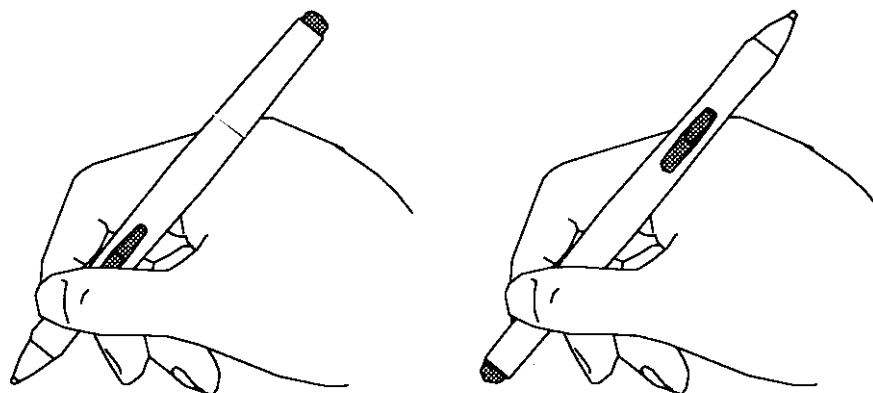


Figure 2-4 . Holding a Stylus

3. Installing the Tablet

The CT-0405/0608-U tablet is connected to a USB port using the USB cable. To install the CT-0405/0608-U tablet:

1. Turn off your computer.
2. Plug the USB connector into the USB port of your computer.

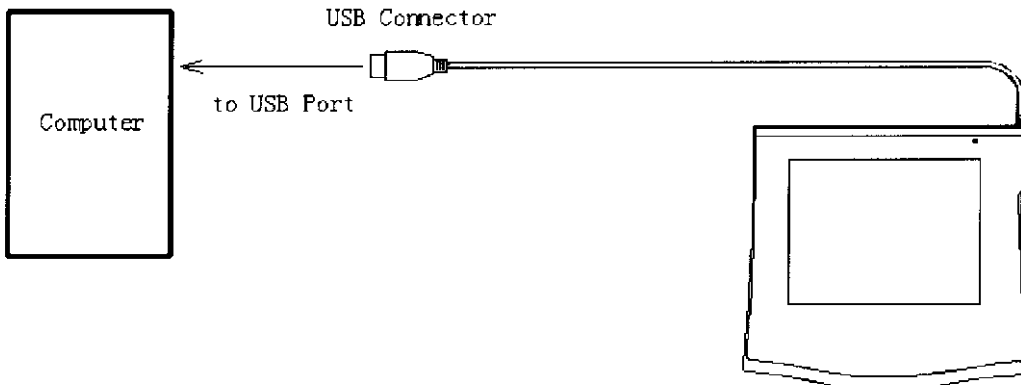


Figure 2-6 . Connecting the Tablet to your computer (same way for CT-0608)

5. Turn on your computer.
6. Place your stylus on the active area of the tablet and press down. The status light should turn green.

If you encounter problems, refer to the *Installation Testing* in this chapter.

7. If the installation is OK, install the compatible Wacom Tablet driver using the accompanying software manual.

Installation Testing

If the CT-0405/0608-U tablet does not work properly after installation, check connection to be sure you have installed the tablet correctly and try the following procedures. If the CT-0405/0608-U tablet continues to operate improperly, contact your local distributor.

Check if the status light becomes orange

If your status light does not show orange, the CT-0405/0608-U tablet is registering that it is not receiving power.

Check that the USB connector is securely connected to the USB port of your computer.

Check if the status light becomes green

When the tip or side switch of the UP-703E stylus is pressed while the stylus is on the active area of the tablet, or the eraser of the stylus comes in the active area, the status light should become green.

If the status light does not show green when either the tip or side switch is pressed or when the eraser of the stylus comes in the active area, contact your local distributor.

4. Maintaining the Tablet

Regular maintenance of the tablet helps prolong its life.

Care

Use proper care when working with or storing the tablet and its components.

- Avoid extreme heat and cold. Do not store components outdoors.
- Do not allow the components to stay in direct sunlight.
- Do not allow any fluids to come into contact with the components, except when cleaning.
- Keep the tablet surface free of dust.
- Do not drop or hit the tablet or stylus.
- Do not let any volatile liquid, like paint thinner, turpentine, or benzene touch the tablet. These liquids can damage the plastics that are used in the tablet.

Cleaning

Grit on the tablet may adhere to a pointing device, causing scratches on your tablet's surface.

To clean the tablet:

1. Unplug the USB cable from your computer.
2. Dilute a neutral detergent solution, such as dish washing liquid, in a bowl of lukewarm water.
3. Dip a soft cotton lint-free cloth in the detergent solution and wring it out. The cloth should be damp, not wet enough to drip water on the tablet.
4. Use the cloth to clean the tablet surface and stylus as needed.

Note: Do not clean the tablet or stylus with any volatile liquid like paint thinner, turpentine, or benzene. Such solvents can damage plastics.

5. Specifications

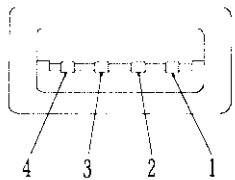
CT-0405-U USB Tablet Specifications

Active area (D x W)	96.0 x 128.0 mm
Physical size (D x W x H)	181.0 x 196.0 x 7.0 mm
Cable length	2 m
Weight	430 g
Power Supply	from USB port
Input voltage	DC 5 V
Input current	100 mA max at DC 5 V
Resolution	1000 line / inch
Accuracy	±0.5 mm
Reading height	5 mm or more
Maximum report rate	100 points / second
Origin position	Upper left
Interface	USB
Operating temperature / humidity	5~40°C (41~104°F) / 20~80% noncondensing
Storage temperature / humidity	-10~60°C (14~140°F) / 20~90% noncondensing

CT-0608-U USB Tablet Specifications

Active area (D x W)	152.4 x 203.2 mm
Physical size (D x W x H)	263.5 x 330.0 x 22.0 mm
Cable length	2 m
Weight	960 g
Power Supply	from USB port
Input voltage	DC 5 V
Input current	100 mA max at DC 5 V
Resolution	1000 line / inch
Accuracy	±0.5 mm
Reading height	5 mm or more
Maximum report rate	100 points / second
Origin position	Upper left
Interface	USB
Operating temperature / humidity	5~40°C (41~104°F) / 20~80% noncondensing
Storage temperature / humidity	-10~60°C (14~140°F) / 20~90% noncondensing

Pin assignments of connector



Pin Number	Signal Name
1	VCC(5V)
2	-DATA
3	+DATA
4	GND