

# Panasonic®

Model No.

**TH-47LFT30W**

**Operating Instructions**  
**TOUCH PANEL Edition**  
**FULL HD LCD Display**



**HDMI**

**English**

Please read these instructions before operating your set and retain them for future reference.

# Accessories Supply

Check that you have the accessories and items shown

DISPLAY Edition of the operating Instructions (14)

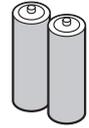
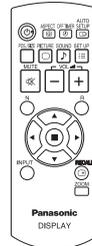
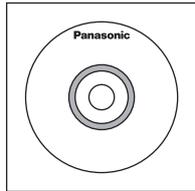
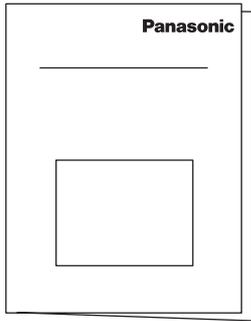
CD-ROM (1) (Operating instructions)

Remote Control Transmitter N2QAYB000535

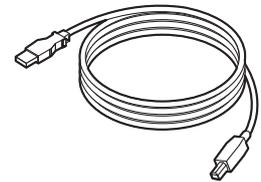
Batteries for the Remote Control Transmitter (R6 (UM3) Size × 2)

TOUCH PANEL Edition of the operating Instructions (1)

CD-ROM (1) (Driver software)



USB cable 3 m (1)



Power supply cord

**Note:**  
Remote Control Transmitter is not water protection type.

- Windows is a registered trademark of Microsoft Corporation in the USA and other countries. (The official name of Windows is Microsoft® Windows® Operating System.)
- The names of other companies and products appearing in this publication are the trademarks, registered trademarks or products names of their respective owners.

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# Setup Procedure

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## 1 Install the Driver software to your computer (P. 5)

Do not connect the USB cable yet.

## 2 Restart your computer

• After restarting your computer, check  appears in the task tray.

## 3 Connect the computer to the USB port of the display (P. 7)

## 4 Calibrate the touch panel (P. 15)

This completes the basic setup.

### ■ Driver Software Operating Environment

The Driver software is supported by both the Japanese and English versions of Windows XP (SP3 or later), Windows XP x64 Edition (SP2 or later), Windows Vista (SP1 or later), Windows Vista x64 Edition (SP2 or later), Windows 7, and Windows 7 x64 Edition.

The following environment is required to correctly install and start up the Driver software.

<Windows XP/Vista/7>

- CPU ... Pentium IV or later (2 GHz or faster Celeron or Pentium 4 recommended)
- Memory ... 512 Mbytes or more
- HDD ... 150 Mbytes or more available area
- Compatible with USB 1.1/2.0 interface

### ■ Driver Software Restrictions

- The mouse emulation feature cannot be used on the login window that appears at Windows startup, when restoring from the suspended state or when the screen saver is unlocked. The mouse emulation feature is activated after you log in.
- There is no remote wakeup feature that activates the screen from the suspended state by touching the touch panel.
- If your system does not meet the requirements above or the applications use up too much memory, the response of the touch panel may slow down.
- Only Windows is supported. (Operation is not guaranteed in other environments than the above.)
- If using Windows Vista/7 and user account control, the touch panel does not respond to touch when windows, such as the Properties window, that require administrator authority to access appear.

### ■ Restrictions on competing drivers

- If you try to install a driver from another manufacturer in the same computer in which this Driver software is installed or inversely try installing this Driver software in a computer where another driver is already installed, the driver may not install properly.

In such case, uninstall the current driver and then install the new driver.

Also, if a driver from another manufacturer is started up while this Driver software is already running, the error message "A driver is already running." may be displayed.

In such case, quit both drivers and then start up the driver you want to use.

# Driver Software Installation

## Cautions

- This software is driver software for Panasonic Touch Panel ZXY100 controller. Other touch panel controllers will not be supported.
- Follow these operating instructions to use this software. The product may not operate if the instructions are not followed.
- Do not use the product in an environment where other touch panel controller software is installed. The product may not operate correctly in such an environment.
- Driver software is loaded by executing the installation program (setup.exe).  
If previous version of this software is installed, make sure to uninstall the version before installing this software.

## Notes on Installation

### Connect the USB cable after installing the Driver software.

- For Windows Vista/7 : For normal users to install the Driver software, users must input the administrator's password. However, if the user account control (UAC) is inactivated, you must log in with administrator privileges.
- For Windows XP : Log in with administrator privileges.

## 1 Load the included CD-ROM into your computer.

Execute the setup program.

For Windows Vista/7 : Select [Start] (Windows mark button) → [All Programs] → [Accessories] → [Run...].

For Windows XP : Select [Start] → [Run...] → setup.exe.



With Windows Vista/7, a warning message similar to that at left may appear during the installation process.

Click on "Install this driver software anyway".



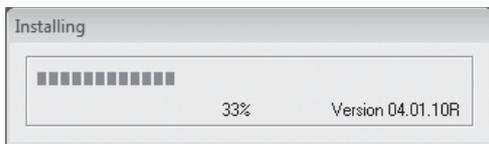
When setup.exe in the supplied CD-ROM is executed, the screen on the left is displayed.

\* If a window for user account control appears, select "Yes" or similar selection to allow the access.

## Driver Software Installation

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- 2** Select **“Panasonic. ZXY100. USB”** and click **“Install”** at the bottom of the screen. The installation of the UPDD Driver software starts.



If a security warning is displayed during the installation, click “Install” to continue.

- 3** When the installation is successfully finished, the screen below is displayed. Close the screen and restart the computer.



- The UPDD Driver software files are saved under C:\Program Files\UPDD. To check the installation, select [Start] → [All Programs] → [UPDD].

### Note on reinstallation (upgrading)

When installing the upgraded Driver software, uninstall the current version and then install the new version.  
(p. 9)

# Connections and Plug-Ins

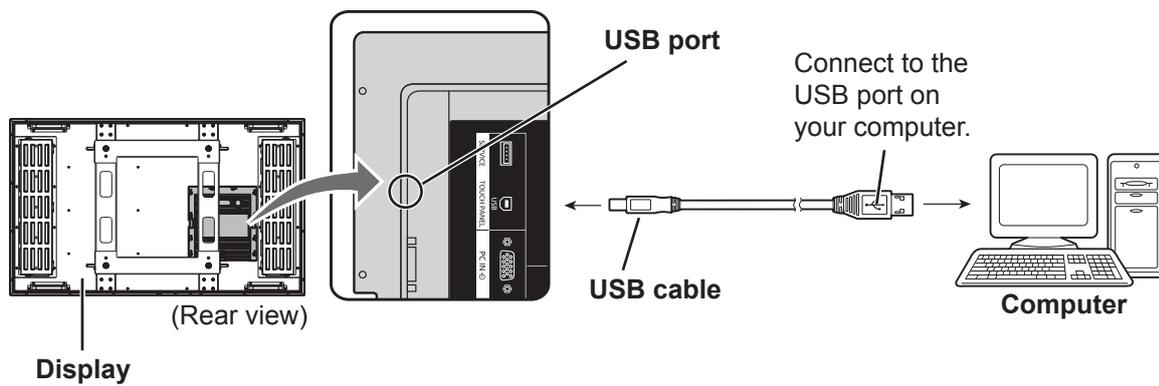
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**1** **Activate power to the display and computer.**  
Check that the computer's OS starts up.

**2** **Connect the display and the computer with the USB cable.**  
When connected, Plug & Play starts.

**Notes:**

- Connect the USB cable only after installing the Driver software.
- Check that the USB power supply of your computer is a max. 500 mA.



# Connections and Plug-Ins

## ■ Plug & Play

Using Plug & Play, the display is automatically detected as a USB device when the USB cable is connected. (The operating window that appears after that differs slightly according to OS.) Plug & Play starts up according to the number of connected display.

### Windows Vista/7

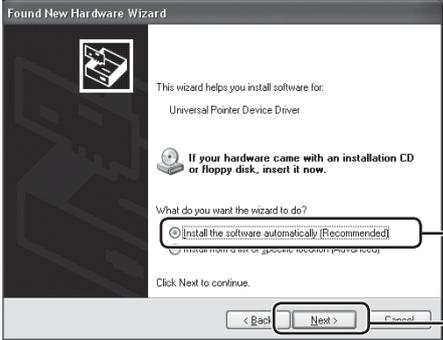
The “Found New Hardware” window appears and the device driver is automatically installed. However, with Windows Vista, installation ends without displaying any windows.

### Windows XP

- 

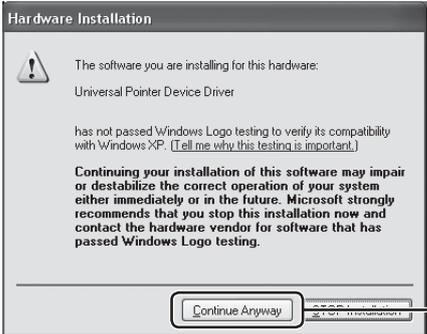
1

When a window similar to that at left appears, select “No, not this time”.

Click this button.
- 

2

Select “Install the software automatically (Recommended)”.

Click this button.
- 

3

When a warning message similar to that at left appears, click on the “Continue Anyway” button.
- 

4

When a window similar to that at left appears, installation is complete.

Click this button.

# Driver Software Uninstallation

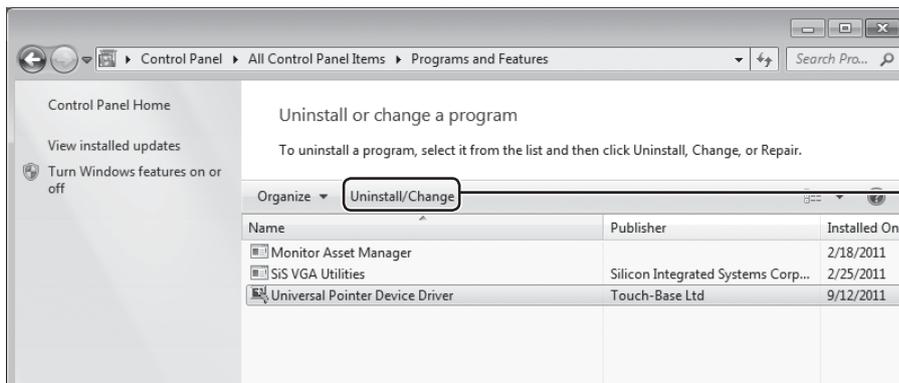
## Note on Uninstallation

Quit the Driver software before uninstalling it. (p. 10)

## Windows Vista/7

1 Click on [Start] (Windows mark button) → [Control Panel] → [Programs] → [Programs and Features].

2 Select “Universal Pointer Device Driver” from the “Uninstall or change a program” window.



Select “Uninstall/Change” to uninstall the Driver software.

## Windows XP

1 Select [Start] → [Control Panel] → [Add or Remove Programs].

2 Select “Universal Pointer Device Driver”.



Click this button.

# Touch Panel Setup

## How to Use the Driver Software

### ■ Driver Software Startup

The Driver software starts up automatically when the computer starts up.

The touch panel works only when the touch panel and computer are connected over a USB cable.

**Note:**

The touch panel may not respond smoothly for a while after the Driver software starts up.

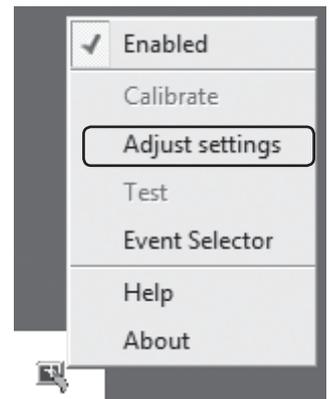
### ■ Control Panel Startup

There are two ways to start up the setup panel. (The screen is Windows 7)

#### Method 1

Click on the icon in the task tray and select “Adjust settings” from the menu that appears.

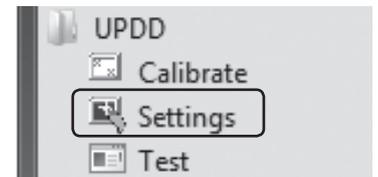
The setup panel “UPDD Console” starts up.



#### Method 2

Select [Start] → [All Programs] → [UPDD] → [Settings].

The setup panel “UPDD Console” starts up.

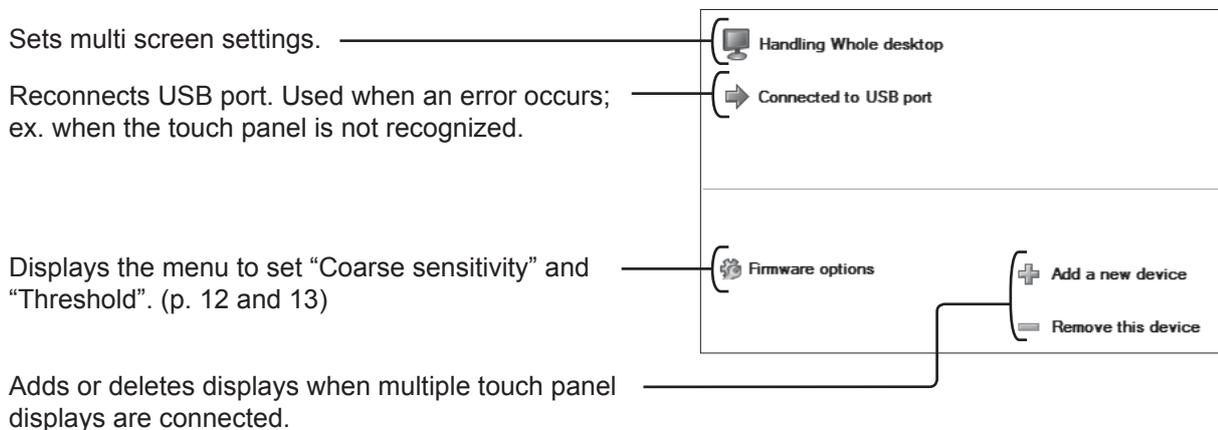
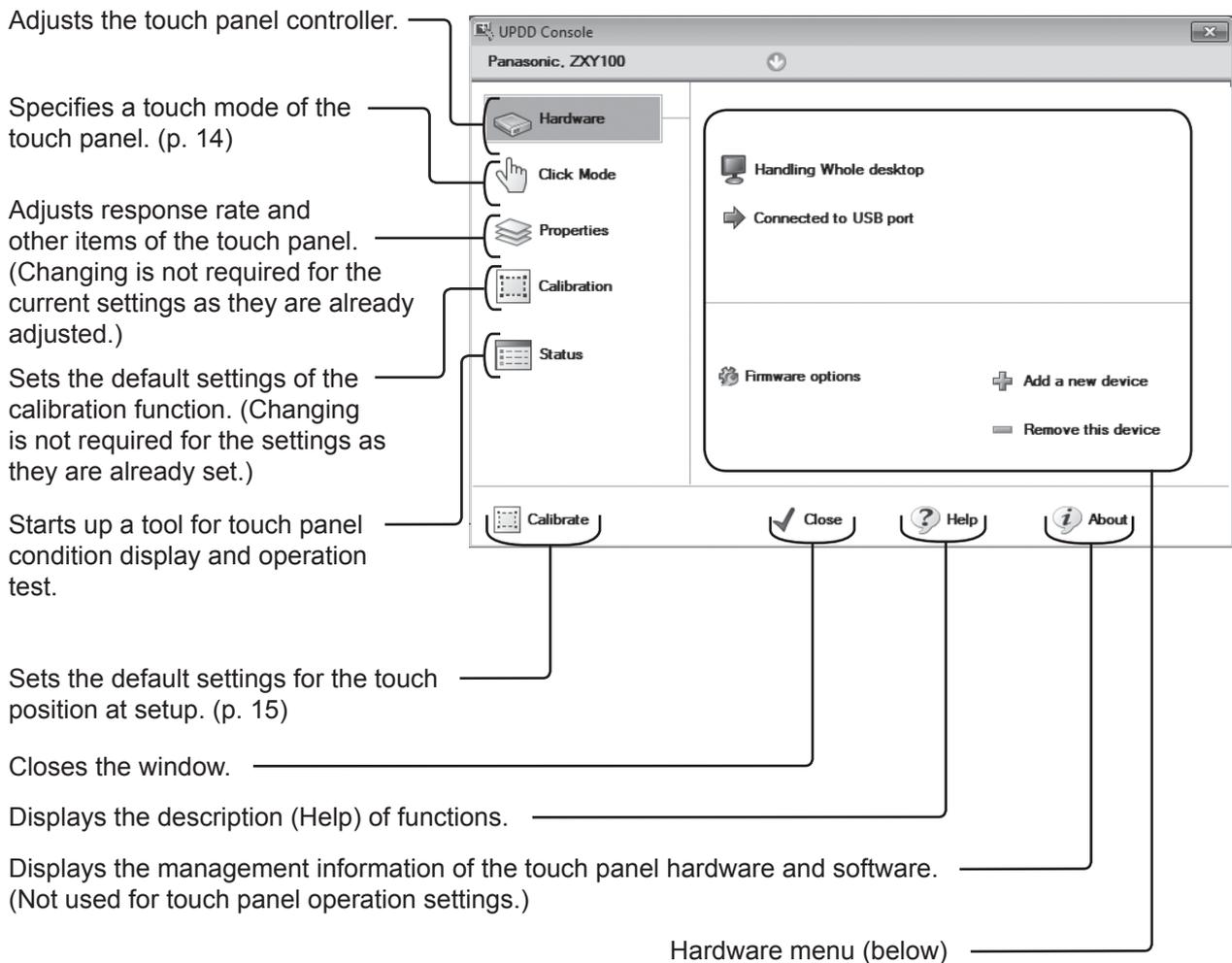


### ■ Exit Driver Software

When you click “Enabled” from the menu displayed when the task tray icon is clicked, an “Are you sure you want to disable this device?” message is displayed. Click “Yes” to disable the driver.

## Explanation of Setup Panel Items

- When the UPDD Driver software is started up, the UPDD console screen appears.



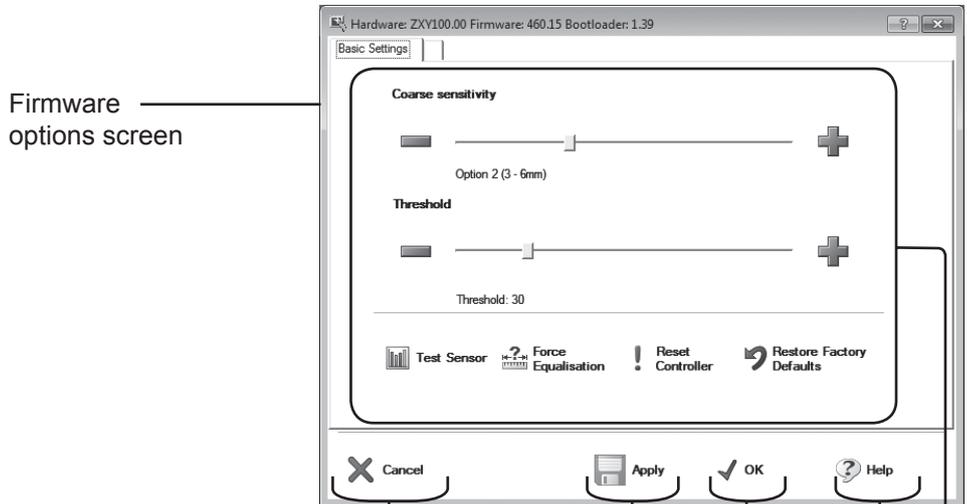
- "Panasonic. ZXY100" is displayed in red at the top of the UPDD console screen when the USB cable is disconnected.

# Touch Panel Setup

## ■ Firmware option setting

“Coarse sensitivity” and “Threshold” settings for the sensor operation can be set in the Firmware options screen. Select “Hardware” from the UPDD console screen.

Then select “Firmware options”. The Firmware options screen appears.



Firmware options screen

Closes the window without saving settings.

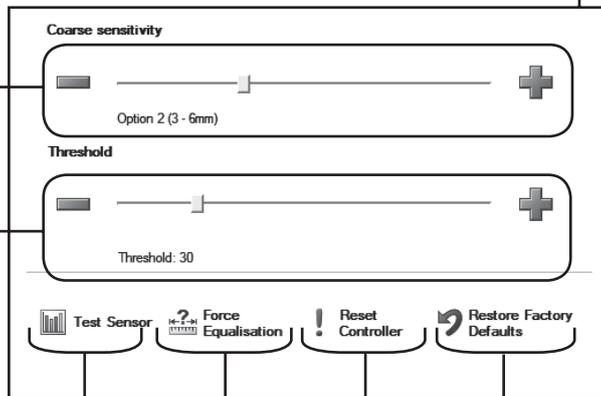
Saves settings.

Closes the window after saving settings.

Displays the description (Help) of functions.

Coarse sensitivity.

Threshold setting.



Displays the touch sensor level.

Averages the touch panel sensor level.

Resets the touch panel controller.

Resets the “Coarse sensitivity” and “Threshold” settings to their defaults.



# Touch Panel Setup

## ■ Click mode of the touch panel

Touch panel can be used in the desired mouse click mode.

Click mode menu

“Mouse Properties” of Windows appears.

Specify the click mode (touch mode).

Right-click and double-click can be tested.

Set to make a sound from the computer when the panel is touched or other settings.

### Setting: Click and drag

Normal mouse operation.

Drag then click

Left-click action can be performed when a finger is lifted from the touch panel.

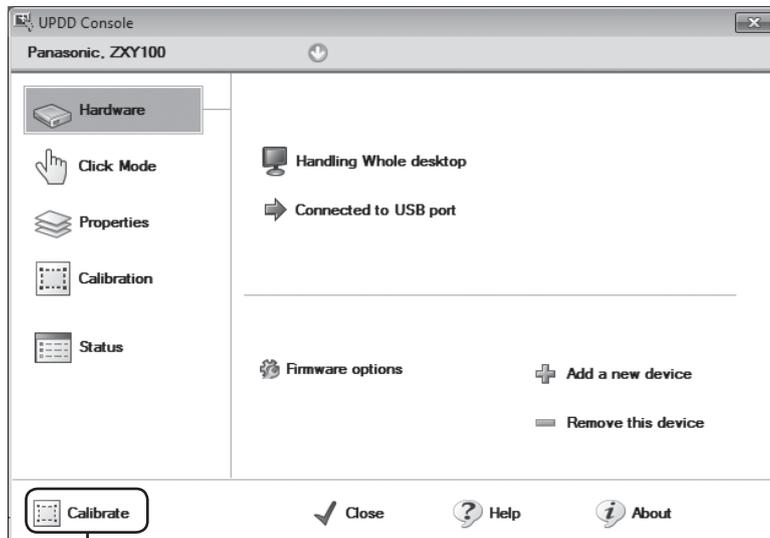
Point and click

Left-click action can be performed when the touch panel is touched.

- Click “Click Mode” on the UPDD console screen to set the click mode.
- Select the desired click mode when the click mode selection screen appears.
- “Click and drag” is suitable for general touch panel operations.

## ■ Touch panel calibration

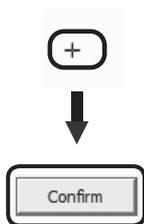
Correction is performed to align the touch position.  
Click “Calibrate” from the UPDD console screen.



Sets the default settings of the touch position at setup.

The Calibration screen appears with cross marks on the display.

The first cross mark appears at the upper left corner and the subsequent mark appears at each touch. Touch the panel in order. Try to touch accurately as the calibration is performed according to the touched positions. When finish touching, the “Confirm” button appears. Touch the “Confirm” button to exit calibration. When the operation cannot be performed or to carry out calibration again, press the Esc key on your keyboard to exit the Calibration screen.



- Calibration data after a calibration is stored in the Windows registry by the default setting.

### Note:

- Touch panel shall be calibrated when the picture location or size is changed in the Pos./Size menu.

# Before Calling for Service

If you think the touch panel is broken or if it is not operating correctly, check the following before calling for service.

Problem	Check point	Action to take	Page
<b>The touch panel does not respond to touch.</b>	<b>Is there any device emitting strong electric wave?</b>	When the touch panel receive strong electric wave, it may become irresponsive to avoid false detection. Keep the source of the electric wave as far as possible from the touch panel.	—
	<b>Is anything nearby (generators, motors, etc.) generating strong noise?</b>	Strong external noise can cause the microcomputer inside the touch panel to malfunction, therefore keep noise sources as far away as possible.	—
<b>The touch panel does not work.</b>	<b>Is the USB cable connecting the touch panel and computer?</b>	Connect the USB cable.	7
	<b>Is the device driver installed?</b>	Check that the device driver has been installed. If it hasn't, install it.	—
	<b>If there are multiple USB ports on your computer, is the USB port which used for the device driver installation in use for the connection?</b>	Change the connection with the USB port which used for the device driver installation. Alternately, install the device driver again using the USB port where the touch panel is currently connected.	—
	<b>Is the click mode on?</b>	Start up a setup tool by selecting [Start] - [All Programs] - [UPDD] - [Settings]. Select "Click Mode" from the left field and select a mode according to your usage from the right field.	14
	<b>Is the touch panel recognized by the computer?</b>	Start up a setup tool by selecting [Start] - [All Programs] - [UPDD] - [Settings]. If "Panasonic. ZXY100" is displayed in red on the upper left corner of the UPDD console window, the touch panel is not recognized by the computer correctly.	11
<b>The touch position is out of place.</b>	<b>Has the touch panel been calibrated?</b>	Calibrate the touch panel.	15
	<b>Was the computer to connect changed?</b>	When the computer to connect is changed, touch position may become misaligned with the cursor position. Perform calibration.	15
<b>The cursor poorly follows touching.</b>	<b>Is the click mode suited for the way you use the touch panel?</b>	Start up a setup tool by selecting [Start] - [All Programs] - [UPDD] - [Settings]. Select "Click Mode" from the left field and select a mode according to your usage from the right field.	14

## Before Calling for Service

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Problem	Check point	Action to take	Page
<b>Double-clicks are not recognized.</b>	<b>Is “Double click support” appropriately set?</b>	Set the double-click speed slower with the Mouse Settings (Mouse Properties) of Windows.	—
<b>The cursor jumps or points at strange positions.</b>	<b>Is there any device emitting strong electric wave around?</b>	When the touch panel receives strong electric wave, it may cause false detection. Keep the source of the electric wave as far as possible from the touch panel.	—
	<b>Is the ground terminal of the power plug connected to the ground?</b>	If ground is not connected, the touch panel may have false detection.	—
<b>The setup panel settings cannot be saved.</b>	<b>Did you log in with user privileges that restrict access to the folder where the Driver software execution file is installed?</b>	Log in with access privileges to the installation folder or acquire access privileges to the folder. (See the instruction manual of the OS.)	—

**Customer's Record**

The model number and serial number of this product can be found on its rear panel. You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and for Warranty Service purposes.

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Pursuant to the directive 2004/108/EC, article 9(2)

Panasonic Testing Centre

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**Panasonic Corporation**

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