

Panasonic®

Basic Owner's Manual Multimedia system

Model No. **UN-W700**



Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.
Please keep this manual for future reference.

More detailed instructions on the operation of this unit are contained in
"Owner's Manual for advanced features (PDF format)" in the internal memory of
this unit.

- To view "Owner's Manual for advanced features (PDF format)", refer to page 22.

If you have any questions contact

1-800-211-PANA(7262)

Register online at : www.Panasonic.com/register
(U.S. customers only)

P

VQT3W75

Confidential

UN
2012/7/9

Comenzar

Preparacion

Operation

Otros

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING

Unit

To reduce the risk of fire, electric shock or product damage,

- Do not expose this unit to rain, moisture, dripping or splashing.
- Do not place objects filled with liquids, such as vases, on this unit.
- Use only the recommended accessories.
- Do not remove covers.
- Do not repair this unit by yourself. Refer servicing to qualified service personnel.

SD card

- Keep the Memory Card out of reach of children to prevent swallowing.

CAUTION

Unit

- Product Identification Marking is located on the bottom of unit.

Batteries

- Do not heat or expose to flame.
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.

Keep this unit as far away as possible from electromagnetic equipment (such as microwave ovens, TVs, video games etc.).

- If you use this unit on top of or near a TV, the pictures and/or sound on this unit may be disrupted by electromagnetic wave radiation.
- Do not use this unit near cell phones because doing so may result in noise adversely affecting the pictures and/or sound.
- Recorded data may be damaged, or pictures may be distorted, by strong magnetic fields created by speakers or large motors.
- Electromagnetic wave radiation generated by microprocessors may adversely affect this unit, disturbing the pictures and/or sound.
- If this unit is adversely affected by electromagnetic equipment and stops functioning properly, turn this unit off and press the RESET button. Then turn this unit on.

Do not use this unit near radio transmitters or high-voltage lines.

- If you record near radio transmitters or high-voltage lines, the recorded pictures and/or sound may be adversely affected.

Install this unit so that the power cord can be unplugged from the socket outlet immediately if any problem occurs.

THE FOLLOWING APPLIES ONLY IN THE U.S.A**FCC Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the 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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, follow the attached installation instructions and use only shielded interface cables with ferrite core when connecting to computer or peripheral devices. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Declaration of Conformity

Trade Name: Panasonic

Model No.:UN-W700

Responsible Party:Panasonic Corporation of North America
One Panasonic Way, Secaucus, NJ 07094**Support Contact:**Panasonic Consumer Marketing Company of North America
1-800-211-PANA (7262)

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.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices.

There is no proof, however, that these low power wireless devices are absolutely safe.

Low power wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used.

Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects.

Many studies of low-level RF exposures have not found any biological effects.

Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research.

UN-W700 contains built-in WLAN and BT transceivers and has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65.

This product requires a minimum of 20 cm (8 inches) spacing must be maintained between antenna and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.

This product may not be co-located or operated with any other antenna or transmitter.

A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.



Getting started

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Accessories

Check the supplied accessories. Product numbers correct as of May 2012. These may be subject to change.

- ☐ **AC adaptor** (VSK0784)
- ☐ **USB cable** (XXXXXX)

To order accessories, refer to “Accessory Purchases (United States and Puerto Rico)” (⇒ 31).

- Do not use the AC adaptor and USB cable with other equipment.

Please read this page first

■ Instructions consist of the two manuals

Basic Owner's Manual (this book):

Provides necessary information for the initial setup right after the purchase and how to view "Owner's Manual for advanced features (PDF format)".

Owner's Manual for advanced features (PDF format) (⇒ 22):

Provides necessary information to operate this unit, including instructions, notes, and so forth for each function.

■ Data stored in this product cannot be compensated

- Panasonic does not take any responsibility for any damage of the data in this product.
- Panasonic does not take any responsibility for any memory loss caused by the failure of this product, the internal memory of this unit or an SD card.
- It is recommended that you regularly back up the data in case the internal memory loses the data by a malfunction, a repair, etc.

■ Never perform illicit modifications to the basic software

- Panasonic may regard such modifications as a software modification and may reject the repair service request.

■ About applications

- Google™, the Google logo, Android™, Google+™, the Google+ logo, Google Play™, the Google Play logo, Gmail™, the Gmail logo, Google Maps™, the Google Maps logo, Google Maps Navigation™, the Google Maps Navigation logo, Google Talk™, the Google Talk logo, Google Latitude™, the Google Latitude logo, Google Places™, the Google Places logo, Google Search™, the Google Search logo, Google Voice Search™, the Google Voice Search logo, YouTube™, the YouTube logo, Picasa™ and the Picasa logo are trademarks or registered trademarks of Google Inc.
- The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

- Applications (including the pre-installed applications on this unit) and their related services and content, etc. (hereafter referred to as the "applications, etc.") are provided and operated by the respective service providers and are subject to updates or terminations with no prior notice at the discretion of the service providers. Updated applications, etc. may lose their compatibility with this product. Panasonic does not take any responsibility for the damage or loss caused by the updates or terminations of the applications, etc.
- Please be advised that Panasonic does not take any responsibility even if any of the applications, etc. incurs a malfunction of this unit, other types of detriment to the customer or third persons, or the partial or total loss of compatibility of the applications, etc. with this product.
- Should you encounter any malfunctions or have any concerns, etc. regarding the applications, etc., contact the corresponding application service provider.
- Please be advised that Panasonic does not offer any refunds on purchased applications, etc. from Google Play and does not take any responsibility for the matters concerning the purchase of the applications, etc. from Google Play.
- Confirm that each of the applications, etc. you want to install or update is safe, and download it at your own risk. There are dangers of virus infections, damage to the data, and other related risks. Please also keep in mind of a possible volume setting update, which may cause a sudden output of a loud sound.
- Some applications, etc. automatically communicate over the internet. Please be aware that data charges may rise sharply as a result of the communications depending on the connection method to the internet.

■ About copyright

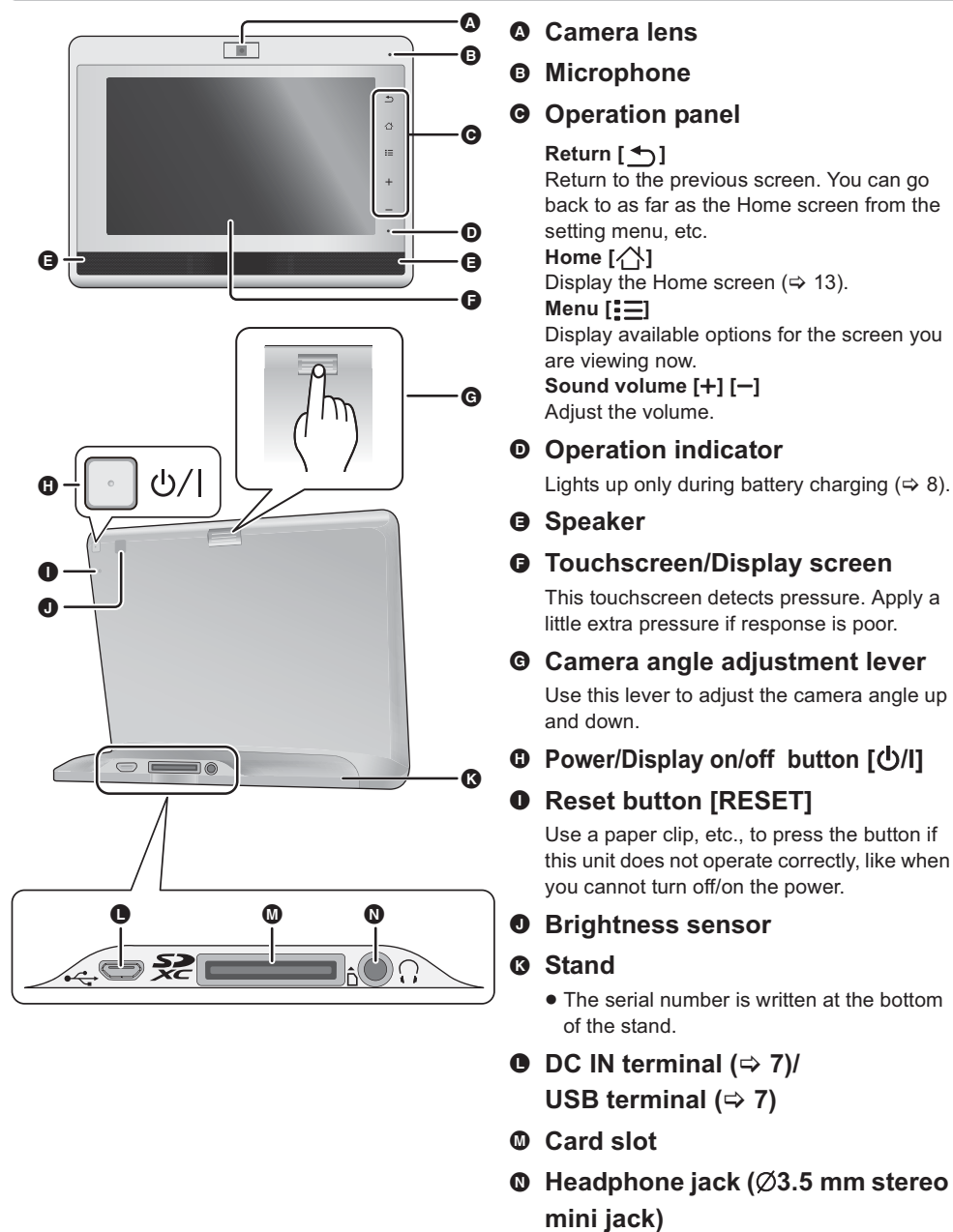
- Under copyright law, your video and audio recordings cannot be used without permission of the owner except for your personal use. Note that photography may be restricted even if the purpose is for your personal use only.
- Unauthorized duplication, broadcast, public performance and rental of copyrighted materials are prohibited by law.

■ About the descriptions and illustrations in this Owner's Manual

- The drawings, illustrations, and screenshots, etc. used in this Owner's Manual are somewhat different from the actual product.

Names, icons, contents and services of applications may be changed with no prior notice. Please note that they may differ from the descriptions of this Owner's Manual.

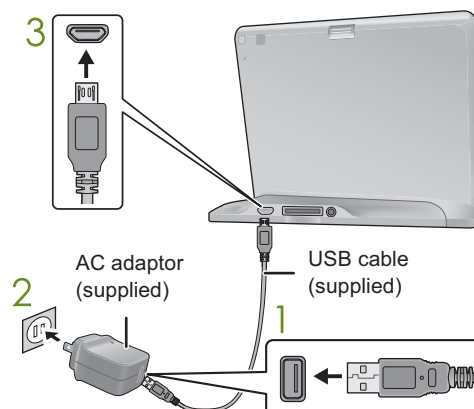
Unit overview



Connecting to an AC power source

Using the AC adaptor allows you to use this unit without being worried about the remaining battery level.

- 1 Connect the USB cable to the AC adaptor.
• Check that the plug portion of the AC adaptor is not loose or misaligned.
- 2 Connect the AC adaptor to a power outlet.
- 3 Connect the USB cable to this unit.



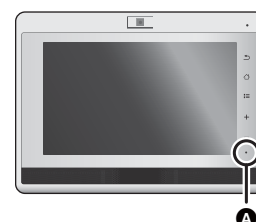
Charging

The battery is not charged at the time of purchase. Charge before initial use.

- A rechargeable lithium ion battery is built into this unit. Do not remove the battery except for the time of disposal.

Connect this unit to the AC adaptor while this unit is turned off.

- 画面が点灯し、Panasonic ロゴが表示されたあと、充電開始を表す電池アイコンがアニメーション表示されます。数秒後、画面は自動的に消灯します。
- 電池が十分に充電されている場合、画面は点灯しません。



The operation indicator (A)

When charging : lights up / When fully charged : turns off

About charging time

Charging time*	About 3.5 hours
Rechargeable number	About 500 times

* When charging at the surrounding temperature of 25 °C (+75 °F) while this unit is turned off or is in standby mode after the battery depletion.

Charging the battery in standby mode or during use

Although charging is performed while this unit is in standby mode (the screen is turned off) or in use, charging may take longer or may not be completed. Furthermore, if you continuously use the functions with large power consumption, the battery may be depleted even during charging.

Battery level display during charging

🔌 : Charging / 🔋 : Fully charged



- Do not use any other AC adaptors and USB cables except the supplied ones.
- You do not have to use up the battery before recharge.
- It is recommended to charge the battery in the temperature of between 5 °C and 35 °C (+41 °F and +95 °F).

Getting started

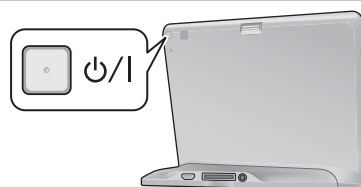
Preparation

Turning on /off this unit

To turn on this unit

Press and hold [⏻/⏻] until the Panasonic logo appears on the screen.

- It takes several tens of seconds until the Home screen appears. (⇒ 13)
- When you turn on this unit for the first time after the purchase, the initial setting screen appears.



To switch to standby mode

Press [⏻/⏻].

- To turn on the screen again

Press [⏻/⏻].

To turn off this unit

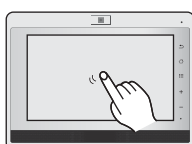
- 1 Press and hold [⏻/⏻] until the confirmation screen is displayed.
- 2 Select "OK" on the confirmation screen.



- In the default setting of "Wi-Fi sleep policy", the wireless LAN connection is turned off in standby mode to save power when this unit is not connected to a power source. If you want to receive calls from "S Skype" in standby mode, use the AC adaptor as a power source.

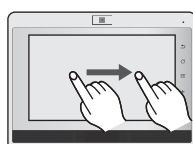
Using the touchscreen

Directly touch your finger to the screen (touchscreen) to operate this unit.



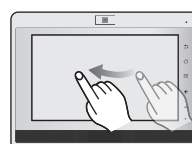
Tap

Used for selecting icons, options, etc.



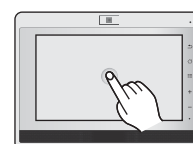
Drag

Used for sliding the Seekbar during a music or video playback, etc.



Swipe

Used for skipping the file or quickly scrolling through the screen.

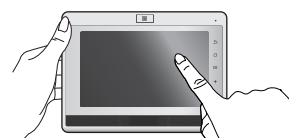


Touch and hold

Used for moving icons and displaying sub-menus.



- The touchscreen of this unit is finger-pressure sensitive. Apply a little extra pressure when touching if you are using commercially available protection sheet or if you feel it is not responding well.
- Operate the touchscreen while supporting this unit with one hand to prevent falling.



Initial setup

When you turn on this unit for the first time after the purchase, the initial setting screen appears.

A wireless broadband router (an access point) is required for the initial setup.

- A wireless connection is required when setting up the Google Account.
- You can use this unit with no Google Account.

1 Tap the screen.



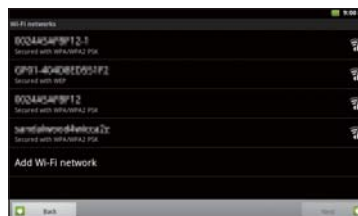
- Select "Change language", to change the display language as needed.

2 Select "Connect to Wi-Fi".



- If you are not connecting to a wireless LAN, select "Skip" and follow on-screen instructions to complete the initial setting.
- If you are using a wireless broadband router (an access point) that supports WPS (Wi-Fi Protected Setup™), you can make the settings with WPS. Refer to page 11.

3 Select a network you want to connect to.



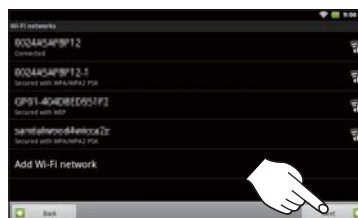
- For more information on network names, refer to the manual of the wireless broadband router (an access point) or ask it to the network administrator.
- If the network you want to connect to does not appear, select "Add Wi-Fi network" and enter required information.

4 Tap a text field and enter the password, and then select "Connect".



- For password-related information, refer to the manual of the wireless broadband router (an access point) or ask it to the network administrator.
- For information on how to enter characters, go to page 12.

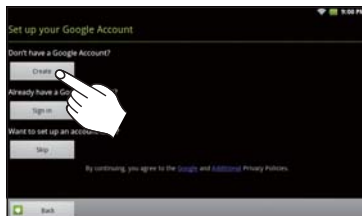
5 Select "Next".



Preparation

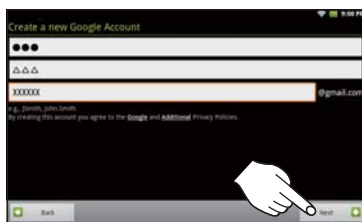
Operation

6 Select "Create" on the Google Account settings screen.



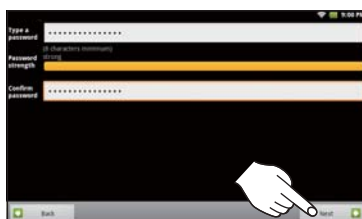
- To use the Google Account you already have, select "Sign in", enter the account, and then go to step 12.

7 Enter a name and a user name, and then select "Next".

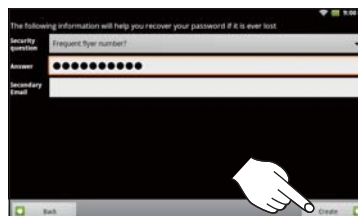


- If the entered user name is already taken, enter another one.

8 Enter a preferred password in the entry field and the confirmation field, and then select "Next".

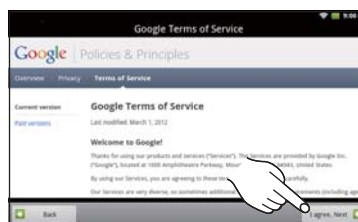


9 Set the security question and answer, and then select "Create".



- Tap "▼" in "Security question", and then enter a preferred "Answer".
- If you already have an email address, enter the address in the "Secondary Email" field.

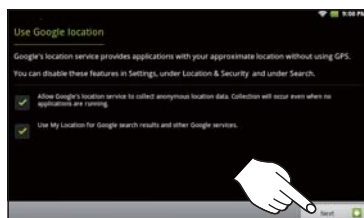
10 Select the language, read the terms of use, and then select "I Agree, Next".



11 Enter the authentication code (the character string on the screen), and then select "Next".



12 Read the information of Google's location service, and then select "Next".



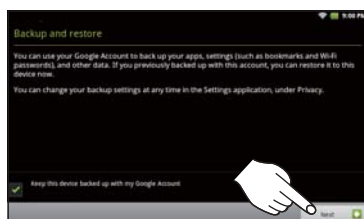
If you have selected "Skip" in the middle of the initial settings.

Select the following items from

"**Settings**" on the Home screen

- Wireless LAN settings (steps 2-4)
"Wireless & networks" → "Wi-Fi"
- Google Account settings (steps 6-14)
"Accounts & sync" → "Add account" → "Google"

13 Read the content of the backup and data restoration screen, and then select "Next".

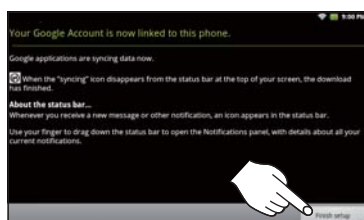


When using a wireless broadband router (an access point) that supports WPS

Connecting to the wireless LAN is simple with WPS.

- 1 Select "Skip" in step 2 → "Skip" in step 6.
- 2 Perform step 12 and 15 according to the on-screen instructions.
- 3 Select "**Settings**" on the Home screen, and then select "Wireless & networks" → "Wi-Fi".
- 4 Select "WPS settings".
- 5 Select "Push Button" or "PIN Code", and then follow the on-screen instructions.

14 Select "Finish setup".



15 Confirm the date setting, and then select "Next".

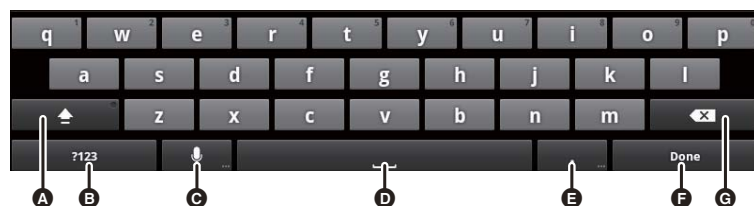


- When the date and time are wrong, select the items to make the right settings.
- The initial setup is complete.

Entering text

Tap a text field to display the keyboard, and tap the keyboard to enter text.

Tap the keys to enter text.



A When the alphabet keyboard is displayed : Lower case : Caps : All caps When the numeric keyboard is displayed : Switch the types of symbols.	D : Space
B Tap to switch between the keyboards. : Switch to ABC : Switch to Symbols/Numbers	E : Period Touch and hold the key to show other commonly used symbols. Drag your finger to a desired symbol, then remove your finger.
C When the alphabet keyboard is displayed : Voice input When the numeric keyboard is displayed : Comma - Touch and hold for display the setup menu. Drag your finger to "⊙", then remove the finger.	F : Done : Next G : Delete - Delete a character in front of the cursor. - Touch and hold the key to keep deleting.

■ To enter special characters

1 Touch and hold a vowel or the C, N, or S key.

A small window with the accented vowel or other letters appears.

- Do not not remove your finger from this unit even when the small window is displayed.

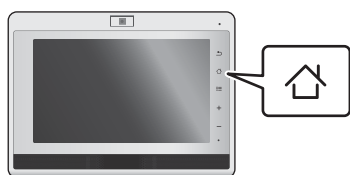
2 Drag your finger to a desired character, then remove your finger.

Basic Home screen operations

The Home screen is the starting point for all operations. Select an icon to use various applications.

- Turn on this unit and activate the screen. (⇒ 8)

1 Press [⏏] on this unit.



The Home screen appears.

2 Select an application you want to use.



Home screen

Switching the Home screen

Three Home screens are available according to the scenes.

Tap “<” or “>” to switch the screen.

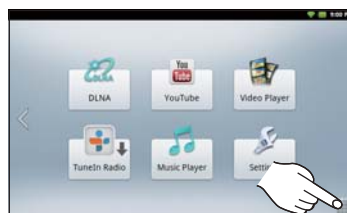


- This manual describes the operations from the Home screen in the middle.

To display all applications (To display the launcher screen)

Applications you can start running from the Home screen are only a fraction of all available ones.

Select “” at the bottom of the screen.



Launcher screen (example)

- Swipe up or down to display the icons that run off the screen.
- Icon positions on the launcher screen illustrated in this manual may differ from the actual ones as they vary by the content of the installed applications.

◇ To return to the Home screen

Select “” at the bottom of the screen.

List of applications

- Names, icons, contents and services of applications may be changed with no prior notice.
- Applications with “↓” are not pre-installed. To install, connect this unit to a router with the internet connection, and then select an application from the Home screen or the launcher screen.
- If you have any questions regarding the applications with “*”, consult the Panasonic's Customer Service Center (⇒ 31) or your nearest dealer.



Adobe Reader

View PDF files.



Application Lock*

Restrict the internet content that are not desirable for children.



Browser

View websites.



Calculator

Calculate.



Calendar

Enter events to manage your schedule.



Camera

Take photos or videos.



Clock

Display a clock and set a alarm.



Contacts

Add email addresses, etc.



DLNA*

Connect with DLNA-compatible devices on the network, and play back or transfer files.



Downloads

Manage the files you downloaded in the Browser and others.



Email

Receive/send emails.



Facebook ↓

Log into Facebook and enjoy communicating with people.



Flash Player Settings

You can make the settings of Flash Player.

- Usually, no changes to the default settings are required



Gallery

View videos or photos stored in the internal memory or the SD card.



Gmail

Google Account's free email service is available.

- After start-up, press [≡] on this unit, and then select “More” → “Help” to read a detailed instruction.



Google+ Only for U.S.A.

Sign into Google+ and enjoy communicating with people.

- After start-up, press [≡] on this unit, and then select “Help” to read a detailed instruction.



Latitude (Google Latitude)

Share location information with your friends.



LUMIX CLUB* (⇒ 21)

Download files that are addressed to this unit from the photo and video sharing website operated by Panasonic, and you can view them on this unit.



Maps (Google Maps)

View the maps and satellite photos around the world.

- After start-up, press [≡] on this unit, and then select “Help” to read a detailed instruction.



Messenger

Sign into Google+ and send/receive messages.



Music Player*

Play back songs stored in the internal memory of this unit or the SD card.



Navigation (Google Map Navigation)

Use the navigation to search for a route.



News & Weather

View the news and weather.

**Owner's Manual* (⇒ 22)**

View Owner's Manual for advanced features (PDF file) for this unit's advanced features.

- Available in the Adobe Reader.

**Photo Frame* (⇒ 20)**

View desired photos on this unit's internal memory, the SD card, or the devices on the network. You can also view photos as a slideshow.

**Photo Receiver***

This unit can receive photos from a wireless LAN compatible digital camera.

**Places (Google Places)**

You can find stores and other facilities in your area, or search desired places by keyword or genre and rate them etc.

**Play Books (Google Play)**

Only for U.S.A.

Use Google's electronic book service.

- After start-up, press [≡] on this unit, and then select "Help" to read a detailed instruction.

**Play Movies (Google Play)**

Only for U.S.A.

Use an online video rental service.

- After start-up, press [≡] on this unit, and then select "Help" to read a detailed instruction.

**Play Music (Google Play)**

Only for U.S.A.

Play back music on the SD card or this unit's internal memory. You can also play back the music you have uploaded on the internet.

- After start-up, press [≡] on this unit, and then select "Help" to read a detailed instruction.

**Play Store (Google Play)**

Add, update or perform other operations of applications.

**Search (Google Search)**

Google's search service is available.

**Settings**

Change various settings of this unit.

- The settings can also be changed if you press [≡] on this unit while the Home screen is displayed, then select "Settings".

**Skype (⇒ 16)**

Make voice calls or video calls via the internet.

**Sound Recorder**

Record a voice.

**Talk (Google Talk)**

Send instant messages to your friends or family.

- After start-up, press [≡] on this unit, and then select "More" → "Help" to read a detailed instruction.

**Tuneln Radio ↓**

Listen to radios from around the world via the internet.

**Video Player***

View videos stored in the internal memory or the SD card.

**Twitter ↓**

Sign into Twitter and enjoy communicating with people.

**Voice Search (Google Voice Search)**

Just by speaking keywords to this unit you can use Search.

**YouTube**

Play back videos on the video sharing website or upload videos on it.

Confirm the terms of use and the operation method before using each application or service. You may need to create a new account for each service. When creating a new account, you may also need your cell phone number or cell phone email address.

Using Skype™

Skype is an application that allows you to make phone calls or video calls.

- Connect this unit to an active wireless LAN router.

■ Sign up for Skype

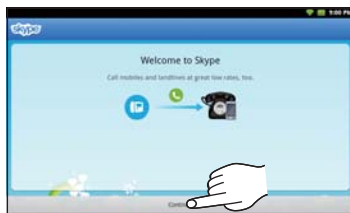
- 1 Press [] on this unit.
- 2 Select “ Skype” on the Home screen.



- 3 Tap “Continue”.



- 4 Tap “Continue”.



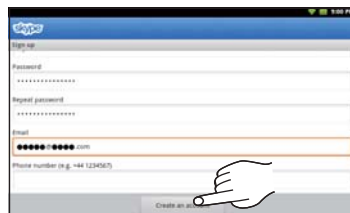
- 5 Select “Accept”.



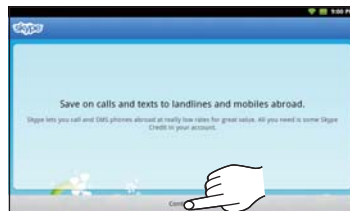
- 6 Select “Create an account”.
 - If you have an account, enter “Skype Name” and “Password”, and go to step 8 after selecting “Sign in”.



- 7 Enter necessary items, and tap “Create an account”.
 - Keep a memo of your account information in case you forget.



- 8 Tap “Continue”.

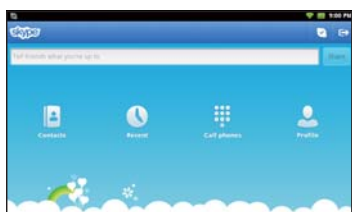


The Skype home screen appears.



■ The Skype home screen

You can select various functions and set a mood message.



- Tap the the Skype logo in the top left corner of the screen, to return to the Skype home screen from any screen.

■ Add contacts

In order to have a video conversation, both you and your friend need to add each other to a contact list.

◇ Accept a contact request

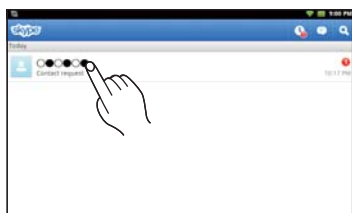
When another Skype user adds you to his or her contacts, you will receive a contact request.

1 Select "Recent".

- The number of contact requests or missed calls, etc. are indicated by "1".



2 Select a request.



3 Select "✓".



◇ To search for people and add to your contacts

When you search for other Skype users and add them to your contacts, they will receive a contact request.

1 Select "Contacts".

2 Press [≡] on this unit and select "Add contacts".

3 Enter a name, email address or Skype name of the person you want to add, and tap "Q".

4 Select a contact you want to add.

5 Tap "Add".

6 Tap "Add contacts".



Operation

■ To receive a call

When you receive a Skype call, this unit rings and the incoming call screen is displayed.

1 Select “”.

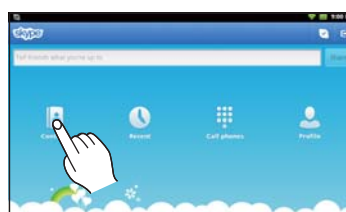


2 You can start a conversation. Face this unit when you speak.

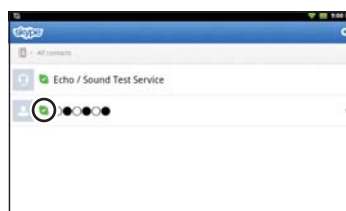


■ To make a call

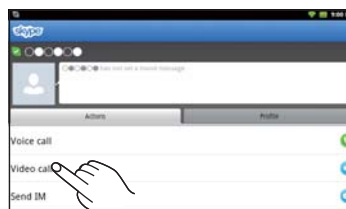
1 Select “Contacts”.



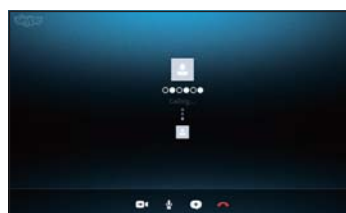
2 Check that the call recipient is online () , and select a contact you want to call.



3 Select “Video call”.



4 Dialing starts.



5 You can start a conversation when a recipient answers the call.



◇ To adjust the angle of the camera

Press the top or the bottom of the camera angle adjustment lever.

◇ To end the call

Tap the screen to select “”.

◇ About Skype status

- | | |
|---|--|
|  : Online |  : Away |
|  : Do not disturb |  : Invisible/Offline |

Background operations

“ Skype” runs in background when signed in even if you return to the Home screen by pressing [] on this unit or run other applications (standby mode).

When the program is running, an icon appears on the status bar (e.g., ).

If you want to shut down the program, return to the “ Skype” screen and sign out.



- While this unit is in standby mode (with the screen light off) and disconnected from a power source, the wireless connection is turned off to save power in the default setting. Under these conditions, this unit cannot receive Skype calls. If you want to receive Skype calls while the screen light is off, connect this unit to a power source using the AC adaptor or change “Wi-Fi sleep policy” to “Never”. For details, refer to the Owner's Manual for advanced features (PDF file).
- アプリケーションを更新した場合は、一度本機の電源を切ってから、再度電源を入れてお使いいただくことをお勧めします。



No emergency calls with Skype

Skype is not a replacement for your telephone and can't be used for emergency calling.

Using this unit as a photo frame

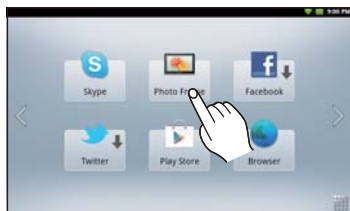
■ To prepare photos

Make a wireless LAN connection, and transfer photos from any of the following to the SD card or the internal memory.

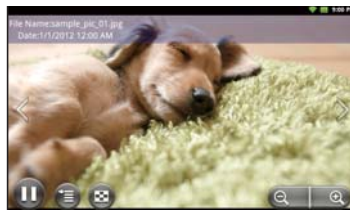
- Transfer from LUMIX CLUB
- Transfer from Panasonic's Wi-Fi compatible digital camera
- Transfer from a DLNA-compatible device
- Insert an SD card with photos taken by a digital camera, etc.
- Transfer from a PC to this unit's internal memory using the USB cable (supplied).

■ Slideshow/Single view

- 1 Press [ Photo Frame" on the Home screen.



A photo is displayed.



- When using this function for the first time after the purchase, pre-installed photos are displayed.

◇ Operations during photo playback

Tap or swipe on the screen to operate.



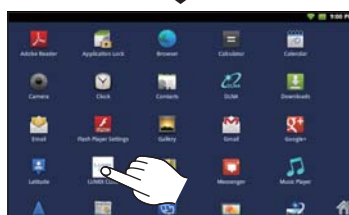
- A** Switch to the next/previous photo
 - You can also switch by swiping right and left.
- B** To start/stop a slideshow
- C** Select a desired photo
- D** Select a desired photo from the list
- E** To zoom in/zoom out
(Only during a slideshow pause)
- F** Jump to a photo sharing service page
(Only while displaying a photo on the photo sharing service page)

Using the LUMIX CLUB

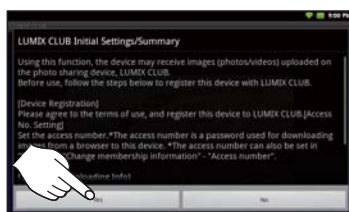
The LUMIX CLUB is a website you can organize, share or publish photos taken with a digital camera.

- Connect this unit to an active wireless LAN router.

- 1 Press [W] on this unit.
- 2 Select “” to display the launcher screen, and then select “ LUMIX CLUB”.

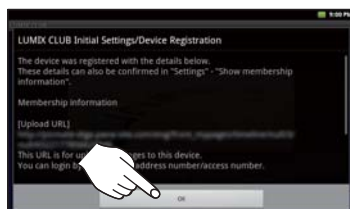


- 3 Select “Yes”.



- 4 Register this unit.

- 1 Read the terms of use and select “Agree”.
- 2 Select “Yes”.
- 3 Select “OK”.



- 5 Set an access number.

- 1 Select “Yes”.



- 2 Enter an access number (4-digit number) and select “OK”.
- 3 Select “OK”.

- 6 Enter required information for uploading.

- 1 Select “Yes”.



- 2 Enter a recipient address and a message, etc., and select “OK”.
 - 3 Confirm the entered contents, and select “OK”.
- You can let your friends and family know how to send their photos to this unit via LUMIX CLUB

- 7 Select “OK”.

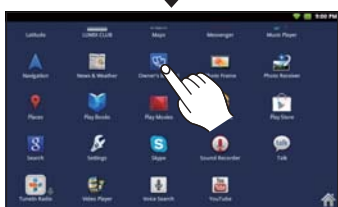
Access number

In addition to the address number displayed in step 4, the access number is required for transferring photos and videos to this unit from the browser of a PC or other devices.

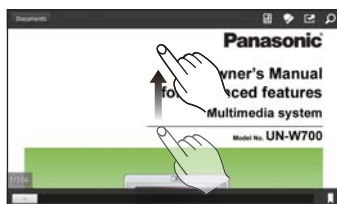
View Owner's Manual for advanced features (PDF file)

- 1 Press [] on this unit.
- 2 Select "" to display the launcher screen, and then select " Owner's Manual".

The Owner's Manual for advanced features (PDF file) appears.



Swipe the screen up and down to scroll through the pages.



Find a desired page

Tap the screen to display the operation icons.



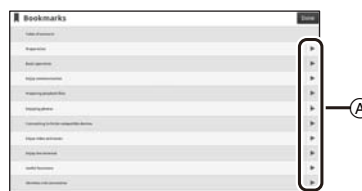
A Search by keywords

If you enter a keyword and select "", you will jump to the pages that includes the keyword.

B Find a desired page with the Seekbar

If you drag right and left, you can quickly move to a desired page.

C Find a desired page from the bookmarks



Bookmarks refers to the table of contents panel made up of the titles. If you select a desired title, the corresponding page is displayed.

If you select (A), detailed titles of the table of contents are displayed.

Troubleshooting

The items below are the excerpts from the Owner's Manual for advanced features (PDF file).
For complete information, refer to the Owner's Manual for advanced features (PDF file).

Cannot turn on the power/Cannot operate/Cannot turn off the power

- Is the battery charged?
→ Charge the battery sufficiently or connect the AC adaptor.
- Use such an object as a clip to press the [RESET] button (⇒ 6). (If an SD card is inserted in this unit, first remove the SD card.)

Cannot charge the battery.

- Is the environmental temperature particularly high or low?
→ Charge the battery in the environmental temperature range of 5 to 35°C (+41 °F to +95 °F).
- If you connect this unit to the AC adaptor in standby mode, it may take tens of seconds until the operation indication lamp turns on. If it still does not light up after a minute, press the [RESET] button.

Bluetooth® 対応ヘッドセットが使えない

- 本機は Bluetooth® 対応ヘッドセットには対応していません。

Cautions for use

◇ Care of this unit

Do not drop or hit this unit, and do not apply heavy pressure to this unit.

A strong impact may cause a failure and malfunction due to the damage to the LCD monitor or the exterior.

This unit is not waterproof. Do not use it in a wet place such as a bathtub.

◇ Clean this unit

After powering off this unit (⇒ 8), wipe down with a soft dry cloth. If you have used it with the AC adaptor, pull the plug from the socket.

- When this unit is soiled badly, wipe the dirt off with a wrung wet cloth, and then wipe with a dry cloth.
- Do not use solvents such as benzine, thinner, alcohol, kitchen detergents, etc., to clean the camera, as the exterior covering may deteriorate or the coating may come off.

◇ Care of an SD card (Optional)

Do not leave the card in a location subject to high temperature, direct sunlight, electromagnetic waves or static electricity.

Do not bend or drop the card.

- The card may be damaged or the recorded content may be damaged or deleted.
- Put the card in a card case or a storage bag when storing, carrying or not using the card.
- Do not allow dirt, dust or water to get into the terminal on the back of the card and do not touch the terminal with your finger.

Operation

Others

Specifications

This manual lists only a part of the specifications. For complete information, refer to the Owner's Manual for advanced features (PDF file).

- The specifications are subject to change for upgrading purposes.

Power source	DC 3.7 V (When using the internal battery)/ DC 5 V, 1 A (When using the AC adaptor)	
Power consumption	3.0 W	
充電時間 (周囲温度 25℃で充電時)	通常充電：約 3.5 時間 ● 充電は周囲温度 5℃～ 35℃で行ってください。	
推奨動作温度	0℃ to 40℃	
液晶ディスプレイ (アスペクト比 16:9)	7V 型 (V 型は有効画面の対角寸法を基準とした大きさの目安です) 画素数：横 800 × 縦 480	
Speaker	300 mW+300 mW (8 Ω)	
接続端子	ヘッドホン端子	3.0 mW+3.0 mW (16 Ω 時)、Φ3.5 mm ステレオミニジャック
	USB 端子	USB 2.0 (High Speed)
外形寸法	本体寸法	幅 191.5mm × 高さ 131mm × 奥行 16.6mm
	最大寸法	幅 191.5mm × 高さ 131mm × 奥行 21.2mm
Mass (Weight)	約 476 g	
プラットフォーム	Android 2.3	
CPU	クアルコム 1 GHz	
システムメモリー	512 MB	
内蔵メモリー	公称：4 GB(内ユーザー領域：1.94 GB)	
対応記録メディア	SD メモリーカード (8 MB ～ 2 GB)、SDHC メモリーカード (4 GB ～ 32 GB) SDXC メモリーカード (48 GB、64 GB)	

Photo (Depending on the conditions, this unit may not play photos that satisfy the requirements below.)

再生可能ファイル形式	JPEG ベースライン方式、DCF 準拠、Exif2.2 準拠
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無線 LAN

Standard Vompliance	IEEE802.11n /IEEE802.11g / IEEE802.11b 準拠
Traqnsmission system	OFDM system, DSSS system
Frequency Range/チャンネル (中心周波数)	2.412 GHz - 2.472 GHz/1 - 13 ch
Transfer rate (standard)*	IEEE802.11g: Tx Max. 54 Mbps, IEEE802.11b: Tx Max. 11 Mbps
Access Mode	Infrastructure mode
Security	WPA™ / WPA2™ (暗号化方式：TKIP / AES、認証方式：PSK) WEP (64 bit/128 bit)

* Transfer rates are theoretical values; however, actual communication rate will vary according to communication environment or connected equipment.



AC adaptor

Input	AC 120 V, 60 Hz
Output	DC 5 V, 1 A

Lithium-ion battery (internal)

Voltage/capacity (minimum)	DC 3.7 V, 2150 mAh
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Battery run time の目安

- The durations in the table are calculated according to the conditions specified in the Owner's Manual for advanced features.

	Minimum brightness	Maximum brightness
Photo	約 X 時間 XX 分	約 X 時間 XX 分
Video	約 X 時間	約 X 時間 XX 分
YouTube	約 X 時間 XX 分	約 X 時間
Music	約 XX 時間 (画面消灯時)	

Operating environment**Compatible operating systems**

- Microsoft® Windows® XP Home Edition/Professional Service Pack 3
- Microsoft® Windows Vista® Home Basic/Home Premium/Business/Ultimate Service Pack 1, 2
- Microsoft® Windows® 7 Starter/Home Premium/Professional/Ultimate or Service Pack 1

* The above compatibility does not guarantee that all PCs that are compatible with this unit are trouble-free.

Others

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- This product is protected by certain intellectual property rights of Microsoft Corporation and third parties. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.
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- MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.
- Other names of systems and products mentioned in these instructions are usually the registered trademarks or trademarks of the manufacturers who developed the system or product concerned. Note that the TM and ® symbols are omitted from some of the text.

This product is licensed under the AVC patent portfolio license for the personal and non-commercial use of a consumer to (i) encode video in compliance with the AVC Standard ("AVC Video") and/or (ii) decode AVC Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed to provide AVC Video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, LLC.
See <http://www.mpegla.com>.

This product incorporates the following software:

- (1) the software developed independently by or for Panasonic Corporation,
- (2) the software owned by third party and licensed to Panasonic Corporation,
- (3) the software developed by the Independent JPEG Group,
- (4) the software developed by the Freetype Project,
- (5) the software licensed under the GNU General Public License, Version 2 (GPL v2),
- (6) the software licensed under the GNU LESSER General Public License (LGPL) and/or,
- (7) open sourced software other than the software licensed under the GPLv2 and/or LGPL.

For the software categorized as (5) and (6), please refer to the terms and conditions of GPLv2 and LGPL, as the case may be. at

<http://www.gnu.org/licenses/old-licenses/gpl-2.0.html>

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In addition, the software categorized as (5) and (6) are copyrighted by several individuals. Please refer to the copyright notice of those individuals at

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At least three (3) years from delivery of products, Panasonic will give to any third party who contact us at the contact information provided below, for a charge no more than our cost of physically performing source code distribution, a complete machine-readable copy of the corresponding source code covered under GPLv2/LGPL.

Contact Information

oss-cd-request@gg.jp.panasonic.com

Source code covered under GPLv2/LGPL is also freely available to you and any other member of the public via our website below.

<http://panasonic.net/avc/oss/dmp/>

To view the predetermined conditions of the software categorized as (5), (6) and (7), display the setting menu on the Home screen, then select "About device" → "Legal information" → "Open source licenses".

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- Adobe Flash® Player
- Adobe Reader®

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[Terms and conditions]

1. You shall not distribute or copy the Software.
2. You shall not modify or make derivative works of the Software.
3. You shall not decompile, reverse engineer, disassemble or otherwise reduce the Software to the human-perceivable form.
4. You expressly acknowledge and agree that, to the maximum extent permitted by any applicable law, ADOBE DISCLAIMS INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, AND CONSEQUENTIAL DAMAGE SUFFERED BY YOU. THE ABOVE DISCLAIMER SHALL APPLY EVEN IF ADOBE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
5. You expressly acknowledge and agree that Adobe's total cumulative liability for all claims arising out of or related to this Agreement shall not in any event exceed the total amount of fees received by Adobe from you under this Agreement, provided, however, that this limitation of liability shall not apply to any liability for death or bodily injury of you in the consequence of Adobe's negligence or tort (fraud).
6. You expressly acknowledge and agree that you may not access to all contents depending on the version of the Software.

Requests when disposing of this unit

Take out the battery from this unit upon disposal to support battery recycling.

- When disposing the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

Never disassemble this unit except when disposing of this unit.

The rechargeable battery is intended for use with this unit only. Do not use any other rechargeable batteries except the supplied one.

Do not recharge the battery after removing it from this unit

- Do not heat or expose to flame.
- Do not drive a nail, subject to impact, disassemble or modify.
- Do not rip or peel off the exterior stickers.
- Do not touch the terminals (+ and -) with metal objects.
- Do not store or carry with necklaces or hairpins, etc.
- Do not heat in a microwave or an oven, etc.
- Do not charge, use or leave in hot places such as next to fires or in extremely hot weather.
- Do not immerse in the water, as this may cause leaking, overheating, fire or rupture.

If a leak should occur, by no means touch the liquid with bare hands.

- If the liquid gets on the body or clothes, wash well with water. If the liquid gets into your eyes, there is a danger of blindness. Do not rub the eyes; after washing immediately with clean water, consult your physician.

Keep removed screws etc. out of the reach of small children.

If accidentally ingested there will be adverse physical effects.

- Should you suspect that such an object has been ingested, consult your physician immediately.

Used battery disposal

Insulate the terminals with cellophane tape or the like.

Do not disassemble

Battery used for this unit

Name: Lithium ion (Li-ion) rechargeable battery

Nominal voltage: DC 3.7 V

■ To remove the battery

Follow the steps below to erase the data completely when disposing of this unit.

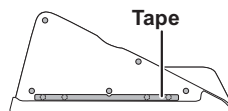
- 1 Press [ Settings” → “Storage” → “Erase all data from internal memory”, and checkmark “Erase all data from internal memory” on the confirmation screen, and then follow the on-screen instructions to erase the data of the internal memory.
 - The format is complete.
- 3 Press [ Settings” → “Privacy” → “Factory data reset”, and then follow the on-screen instructions to return this unit to the default setting.



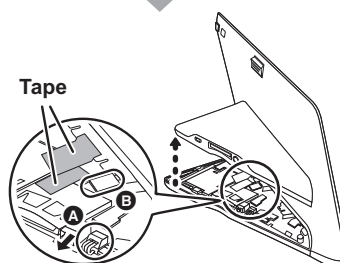
The following instructions are not intended for repairing purposes but for the disposal of this unit. This unit is not restorable once disassembled.

- Use up the battery before disassembling.
- Use a cross slot screwdriver (optional) to disassemble this unit in the following steps
- If you have trouble taking out the battery, contact the Panasonic's Customer Service Center (⇒ 30) or your nearest dealer.

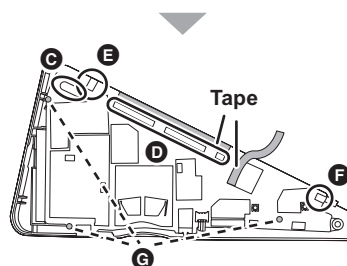
- 1 Flip this unit upside down, and peel off the tape.
- 2 Remove the nine screws from the back of the stand.
 - Use a cross slot screwdriver to remove the screws.



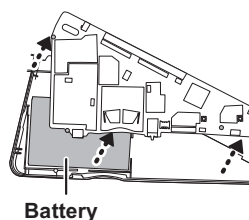
- 3 Use a cross slot screwdriver to remove the screws.
- 4 Pull out **A**.
- 5 Peel off **two** tapes.
- 6 Remove **B**.



- 7 Pull out the entire bottom cover from the LCD monitor.
- 8 Peel off **two** tapes.
- 9 Remove **C** and **D** that are connected to the LCD monitor.
 - When removing **C**, lift the brown part on the LCD monitor.
 - When removing **D**, lift the white part.
- 10 Pull out **E** and **F** that are connected to the LCD monitor.
- 11 Remove the three screws (**G**) from the circuit board.



- 12 Detach the circuit board.
- 13 Take out the battery.



- Keep the screws out of reach of children to prevent swallowing.
- Promptly dispose of this unit after disassembling. Hold the flat part of this unit to carry.

Others

Limited Warranty (ONLY FOR U.S.A. AND PUERTO RICO)

Panasonic Consumer Marketing Company of North America,
Division of Panasonic Corporation of North America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Video Products Limited Warranty

Limited Warranty Coverage

(For USA and Puerto Rico Only)

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Marketing Company of North America (referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, (b) replace it with a new or a refurbished equivalent value product, or (c) refund your purchase price. The decision to repair, replace or refund will be made by the warrantor.

Product or Part Name	Parts	Labor
Blu-ray Disc Player, Portable Blu-ray Disc Player, DVD Player, Portable DVD Player, DVD Recorder	1 year	90 days
Blu-ray Home Theater System and Multimedia System	1 year	1 year
Rechargeable Batteries	90 days	Not Applicable

During the "Labor" warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. This Limited Warranty excludes both parts and labor for non-rechargeable batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is".

Carry-In or Mail-In Service

To find a service center please visit <http://www.panasonic.com/help> or call 1-800-211-PANA (7262).

When shipping the unit, carefully pack, include all supplied accessories listed in the Owner's Manual, and send it prepaid, adequately insured and packed well in a carton box. When shipping Lithium Ion batteries please visit our Web Site at www.panasonic.com/BatteryHandling as Panasonic is committed to providing the most up to date information. Include a letter detailing the complaint, a return address and provide a daytime phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

IF REPAIR IS NEEDED DURING THE WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO

FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.

(As examples, this excludes damages for lost time, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but for illustration only.)

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.



PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer Services Directory (United States and Puerto Rico)

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

<http://www.panasonic.com/help>

or, contact us via the web at:

<http://www.panasonic.com/contactinfo>

You may also contact us directly at:

1-800-211-PANA (7262)

Monday-Friday 9am-9pm,

Saturday-Sunday 10am-7pm EST

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases (United States and Puerto Rico)

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

<http://www.pstc.panasonic.com>

Or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:

1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)

(Monday-Friday 9am-9pm EST)

Panasonic National Parts Center

20421 84th Ave. S., Kent, WA 98032

(We accept Visa, MasterCard, Discover Card, American Express)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

As of May 2012

Others

Information on Disposal in other Countries outside the European Union



This symbol is only valid in the European Union.
If you wish to discard this product, please contact
your local authorities or dealer and ask for the
correct method of disposal.

**Panasonic Consumer Marketing Company of North
America,
Division of Panasonic Corporation of North America**

One Panasonic Way, Secaucus, New Jersey 07094
<http://www.panasonic.com>

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