

# Portable Wireless Server

## Important information



## WG-C10 Series

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### English

#### WARNING

To reduce fire or shock hazard, do not expose the unit to rain or moisture.

Do not expose the batteries to excessive heat such as sunshine, fire or the like.

#### For the Customers in U.S.A.

UL is an internationally recognized safety organization.

The UL Mark on the product means it has been UL Listed.

If you have any questions about this product, you may call:

Sony Customer Information Center  
1-800-222-SONY (7669).

The number below is for the FCC related matters only.

#### Regulatory Information

##### Declaration of Conformity

Trade Name : SONY  
Model No. : WG-C10  
Responsible Party : Sony Electronics Inc.  
Address : 16530 Via Esprillo, San Diego, CA 92127 U.S.A.  
Telephone No. : 858-942-2230  
This device complies with Part15 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.

#### CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

#### 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.

The supplied interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

#### RECYCLING LITHIUM-ION BATTERIES

Lithium-Ion batteries are recyclable. You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbr.org/>

Caution: Do not handle damaged or leaking Lithium-Ion Batteries.



This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

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. WG-C10 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.

SAR Value: 0.392W/kg

## Read this before using

### Regarding copyrights

The items you saved can be enjoyed as an individual; and under the Copyright Act, they cannot be used otherwise without consent from the rights holders.

### Battery remaining charge related precautions

This device contains a rechargeable battery. If you save to a memory device while the battery has a low remaining charge, the battery charge can run out during the saving process, so the saving can fail.

### Disclaimer of guarantee of recorded content

Even in any situation, such as if you cannot save to external media etc due to some cause such as this device's defects, or if some defect or repair etc causes damage or destruction of saved content in external media, Sony bears absolutely no responsibility of compensating for saved content nor responsibility for any related damages. Also, Sony does not do recovery, restoration, duplication, etc of saved content, in any situation.

### Regarding backup of memory device (memory card, USB memory, etc)

If the power is cut or the memory device is removed while the memory device is being accessed, then data in the memory device etc can be damaged. To protect data, be sure to make backups.

## Precautions on use

- Do not drop it, put a heavy thing on top of it, hit it with a strong shock, or put pressure on it. These can cause this product to fail.
- Do not place it in places like the following.
  - Very hot places: Hit by direct sunlight, near a heater, etc  
It can discolor, deform, or fail.
  - Very cold place, or hot place
  - On a car dashboard or in a car with its windows closed under a hot sun (especially in summer)
  - Very dusty place
  - On a shaky table or inclined place
  - Place with much vibration
  - Very humid place: Bathroom, etc
  - Near a thing which creates a magnetic field: Magnet, speakers, TV, etc
- When you hear static on the radio or TV, turn off the power to this product, and move this product away from the radio or TV.
- When using this product, to prevent damage or deformation of its cabinet, be careful about the following.
  - Do not sit down after putting this product in a back pocket of your pants, etc.
  - While a USB device (USB memory, etc) or USB cable is attached to this device, do not put it in a bag and hit it with a strong force from outside.
- Be careful to not get water on it. This product does not have water-proof specifications. Be especially careful about the following situations.
  - Using it while in your pocket in a bathroom, etc  
When you bend over, etc, it can fall and get wet.
  - Using it in rain, snow, or very humid place
  - Using it when you are sweaty  
If you touch it with a wet hand or put it in a sweaty clothing pocket, it can get wet.

- When you attach a strap and use it, the strap can get pulled, which is dangerous, so be careful. Also, when you turn around, you can hit another person, which is dangerous, so be careful.
- When you quickly bring this product from a cold place to a warm place, or if it is in a room where you just turned on the heat on a winter morning etc, condensation can form on its surface or in this product. Condensation is when moisture in the air attaches to metal plates etc, and water drops form. When condensation forms, do not turn on its power until the condensation goes away, and leave it alone. Using it with condensation can cause failure.
- This device communicates data by using 2.4GHz radio waves, so if there is a device near it which uses the same frequency, interference can prevent it from communicating.
- If you do not use it for a long time, you may be unable to fully charge this device. But after charging and using up the battery 2 to 3 times, you will be able to fully charge it.
- When you do not use this device for a long time, disconnect the USB cable, and store it.
- Also read the Operating Instructions of other devices you use. Depending on the device, some operation may be needed to charge the battery.
- Only use the USB cable supplied with this product.  
For an iOS\* device, use the special cable supplied when you purchased that device.  
\* iOS is the operating system for iPad, iPhone and iPod touch.
- The power output from the USB port is 500 mA maximum.  
If the output exceeds 500 mA while power is being supplied, a safety function turns off the power supply.
- When powering a device from this product, the charging time differs depending on the remaining battery charge.

## Maintenance

### When this product's surface is dirty

- Wipe it with a soft cloth (a cloth designed for wiping reading glasses, etc).
- When it is very dirty, wipe it with a cloth sprinkled with diluted neutral cleaning liquid.
- Do not use paint thinner, gasoline, alcohol, etc. These can damage the finish of its surface.
- Take care so water does not get inside.

## Notes on about memory card

### Notes on the memory card

For the latest information on memory cards you can use, check the online manual.

<http://rd1.sony.net/help/pws/c10/gb/>

- Do not remove the memory card while data is being read or saved.
- Data can be destroyed in the following situations.
  - While reading or saving data, if the memory card is removed, or if this device's power is turned off
  - When used in a place affected by static electricity or electrical noise
- It is recommended that you make a back-up of important data.
- Do not touch terminal with your hand or any metal object.
- Do not strike, bend, drop or wet this card.
- Do not attempt to disassemble or convert this card.
- Do not use or store this card in the following locations:
  - Where the range of recommended operating conditions is exceeded.  
(Inside a closed car in summer or in strong sunshine/in direct sunlight/near a heater, etc.)
  - Humid or corrosive locations.
- Check the correct insertion direction before using. Incorrect use can damage the device.
- When inserting the memory card, if you use too much force, you can damage the memory card or this device.

### "Memory Stick Duo"

- You cannot read or record data that requires "MagicGate" copyright protection technology. "MagicGate" is the name of a technology developed by Sony to protect copyright using encryption technology.
- The file system's design limits the file size which can be saved to or played from "Memory Stick PRO Duo", "Memory Stick PRO-HG", and "Memory Stick Micro™" media. Each file must be less than 4 GB.
- When using "Memory Stick Micro™" media in this device, be sure to put it in a special adaptor (sold separately).  
If you insert it not mounted in the adaptor, then you may be unable to remove the "Memory Stick Micro™" media.

### SD memory card

- You cannot read or record data that requires copyright protection technology.
- The file system's design limits the file size which can be saved to or played from an SD memory card and SDHC memory card. Each file must be less than 4 GB.

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## Specifications

### Portable Wireless Server

- Operating temperature
  - 0 °C to 35 °C (32 °F to 95 °F)  
(During normal operation)
  - 0 °C to 30 °C (32 °F to 86 °F)  
(When charging the built-in battery)
- Charge time / Use time

Charge time	Approx. 8 hours (if DC 5V, 500 mA)
Use time	Approx. 10 hours (continuous playback of MP3 at 128 Kbps) For information about values under other conditions of use, refer to the Help guide.
- Wireless
  - Standard
    - IEEE 802.11b/g/n (2.4 GHz)
  - Frequencies (channels)
    - 2,412 MHz - 2,462 MHz [CH1-11]
- Interfaces
  - USB 2.0 A port (Hi-Speed USB)
  - USB 2.0 Micro B port (Hi-Speed USB)
  - Memory card slot (Memory Stick Duo, SD memory card)
- USB A port output
  - DC 5V, 500 mA (maximum)
- USB micro B port input
  - DC 5V, 1 A (maximum)
- Average power consumption
  - Approx. 5.0 W (maximum)
- Compatible memory cards
  - "Memory Stick Duo", "Memory Stick PRO Duo", "Memory Stick PRO-HG Duo", "Memory Stick Micro"
  - SD memory card, SDHC memory card, SDXC memory card, microSD memory card, microSDHC memory card
  - If you use a "Memory Stick Micro" or microSD memory card with this device, be sure to first put it in a special adaptor.
- Supported USB devices
  - Data Transferring Functions
    - USB Flash Drive
      - Digital still camera (only devices compatible with Mass Storage)
  - Battery Charging Functions
    - Smartphone
      - Digital still camera (USB-type battery charging), etc.
    - iPad and Tablet PC battery charging is not supported.
    - Operation with all USB devices is not guaranteed.

- Compatible Operating Systems
  - Android 2.3
  - Android 4.0 or later
  - iOS 5.0 or later
  - Windows XP SP3 or later
  - Windows Vista SP2 or later
  - Windows 7 SP1 or later
  - Windows 8
  - Max OS X version 10.6 or later
- Dimensions (W × H × D)
  - Approx. 50 mm × 105 mm × 18.5 mm  
(2 in. × 4 1/4 in. × 3/4 in.)
- Mass
  - Approx. 135 g (4.76 oz)

Design and specifications are subject to change without notice.

### SDHC Memory Card 16GB (SF-16C4) (included with WG-C10/A)

- Usable capacity
  - 14.4 GB (15,461,881,856 bytes)
- Operating voltage
  - 2.7 V to 3.6 V
- Operating temperature
  - 25 °C to +85 °C (-13 °F to +185 °F)
- Dimensions (W × L × T)
  - Approx. 24 mm × 32 mm × 2.1 mm  
(31/32 in. × 1 9/32 in. × 3/32 in.)
- Mass
  - Approx. 2 g (0.07 oz)

Design and specifications are subject to change without notice.

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## Included items

- Main unit (Portable Wireless Server) (1)
- USB cable (about 25 cm) (1)
- Special USB cable holder (1)
- Quick Start Guide (1)
- Important information (this leaflet) (1)
  - Including a warranty card.
- Software License Agreement (1)
- SDHC Memory Card 16GB (SF-16C4) (1)
  - Included with WG-C10/A

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## Help guide

- View the Help guide by clicking the [Help] button in the app installed. See the Quick Start Guide (separate document) for how to browse.
- You can also see the online manual at the following URL:  
<http://rd1.sony.net/help/pws/c10/gb/>

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## Trademarks

- "Memory Stick Duo", "Memory Stick PRO Duo", "Memory Stick PRO-HG Duo", "Memory Stick Micro", , and "MagicGate" are trademarks of Sony Corporation.
- The SDXC logo is a trademark of SD-3C, LLC.
- Microsoft, Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Apple, Mac OS, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- Android is a trademark of Google Inc.

In addition, the product names, brand names, service names, etc. used in this document are trademarks or registered trademarks of respective companies or organizations.

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## Before Contacting Us

Problems can be resolved quickly by the methods below, so try the checklist below.

- After you pressed this device's RESET switch, did its problems improve?
- After you charged this device, did its problems improve?
- Did you read the "Quick Start Guide" which is included?
- Did you look at this device's web site?

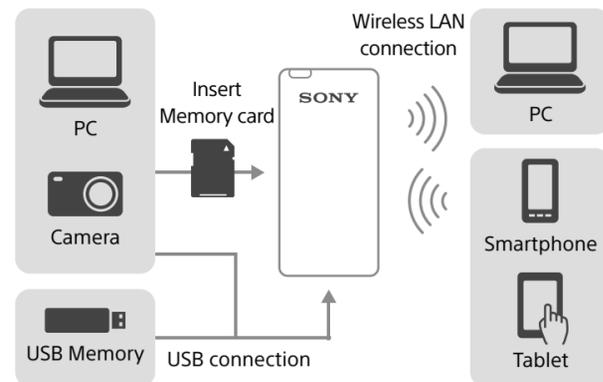
# Quick Start Guide

Thank you for your purchase. This Quick Start Guide is designed to easily get you set up so you can start enjoying the benefits of the device.

## WG-C10 Series

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### Connections

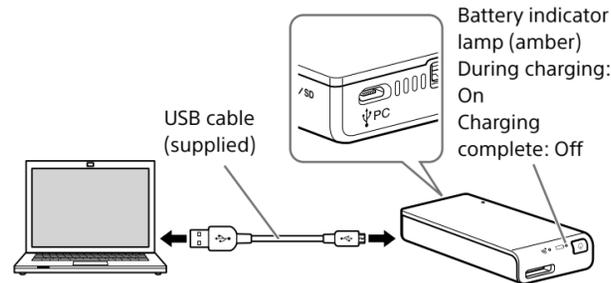


## Preparing this unit

After purchase, first charge this device.

### 1 Charging

Connect this unit to your computer with the USB cable (supplied).



When charging is complete, remove the USB cable.

Approximate charging time: 7 hours

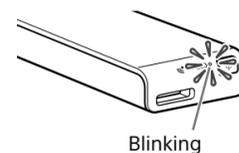
You can also charge this unit with the USB AC adaptor.

Approximate charging time: 3.5 hours (When using AC-UD10)

For more information about USB AC adaptors that have been confirmed to work with this unit, see the online help (<http://rd1.sony.net/help/pws/c10/gb/>).

### 2 Turning on the power

Press and hold down the (Power) button (for 3 seconds or more).

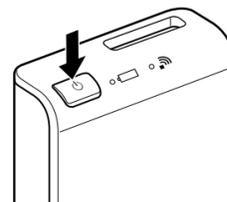


The battery indicator lamp blinks green. If it blinks red, carry out charging until the lamp blinks green.

### Turning off the power

#### 1 Press down the (power) button (for 3 seconds or more).

Wireless LAN indicator lamp and battery indicator lamp turn off.



## Installing the App

To operate this device, install "PWS Manager" onto your Android or iOS device\*. See the online help (<http://rd1.sony.net/help/pws/c10/gb/>) for compatible operating systems and a list of Android and iOS device that have been confirmed to work with this unit.

\* In this leaflet, iOS device means iPhone etc.

#### 1 Install the app.

Search for "PWS Manager" in Google Play or the App Store and install it.

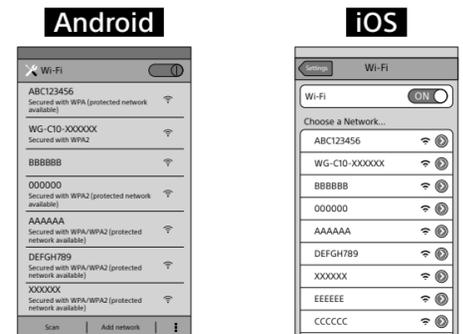


PWS Manager

## Connecting to a wireless LAN

#### 1 Turn on the power to this unit.

#### 2 From the setup menu of your Android or iOS device, turn Wi-Fi on and open the Wi-Fi Networks screen.



#### 3 Select [WG-C10-XXXXXX] from the list of Wi-Fi networks.

### Lamp Indicator of this unit

#### Battery indicator lamp Charging indicator

Lamp condition	Status
Amber	Charging underway
Amber -> off	Charging is complete

#### Remaining battery level indicator in use

Lamp condition	Status
Green, blinking slowly	Battery level is high
Green, blinking	Battery level is medium
Red, blinking rapidly	Battery level is low
Off	Battery runs out or power-off

#### Wireless LAN indicator lamp

Lamp condition	Status
Green	Wireless LAN is starting up
Green, blinking	Wireless LAN is on
Off	Power-off

#### Memory card access lamp

Lamp condition	Status
Amber, blinking	Accessing memory card

## Security set-up

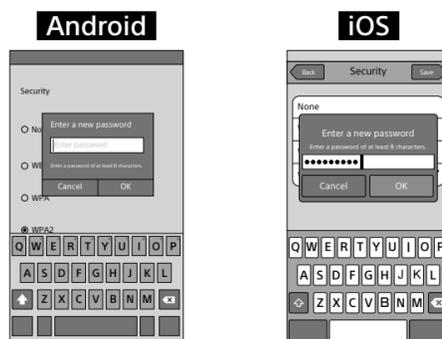
**Important!** It is very important that you set up security in order to use a wireless LAN device.

If you do not set up security, other compatible devices within transmission range can connect to this unit.

- 1 Turn on this unit and launch the “PWS Manager” app installed on your Android or iOS device.
- 2 When the app is launched, tap the [🔒] button at the bottom right of the screen.
- 3 Select [Security] and select [WPA2].



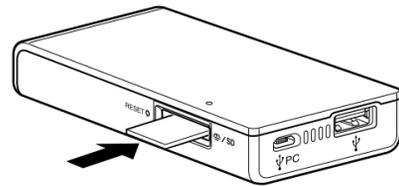
- 4 Enter a personal password of at least 8 numbers or letters and select [OK].



- 5 Reenter your password to confirm it and select [OK].
- 6 The wireless LAN connection is turned off so repeat the “Connecting to a wireless LAN” procedure and enter the password that you set.

## Ways to use the App

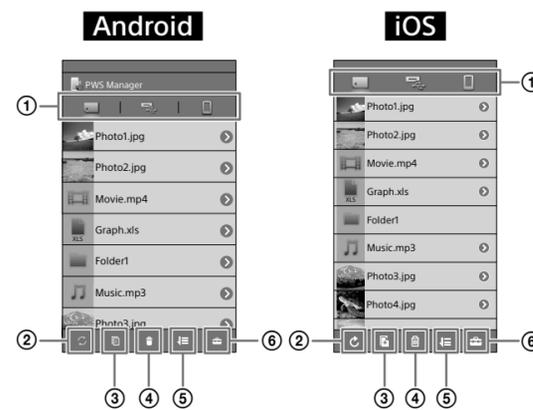
- 1 Insert a memory card containing data into the card slot of this device.



- 2 Launch the “PWS Manager” app installed on your Android or iOS device.



- 3 When the app is launched, the following screen appears and a list of the data in the card is shown.



- ① Device switching tab  
By switching tabs you can change between the devices' data lists. (Card / USB device / Equipment in use)
- ② Data update
- ③ Copy
- ④ Delete
- ⑤ Sort
- ⑥ Settings

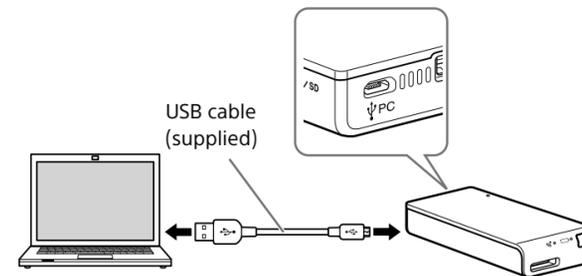
For details of the app's operating method, go to ⑥Settings → [Help] in the app. You can also refer to the app's operating method in the following online help <http://rd1.sony.net/help/pws/c10/gb/>

## Using with a computer

You can connect this unit to a computer in two ways, by “USB connection” or “wireless LAN connection”.

### USB connection

You can use this unit as a memory card reader when it is connected to a computer with the supplied USB cable.



### Wireless LAN connection

For the method of connecting this unit to a computer via a wireless LAN, see “Quick Start Guide (PDF)” which can be downloaded from the following website. <http://www.sony.net/pws/>

## Powering other devices

- 1 Connect the supplied USB cable\* to the device you want to power.

\* For connecting an iOS device, use the special cable supplied when you purchased that device.

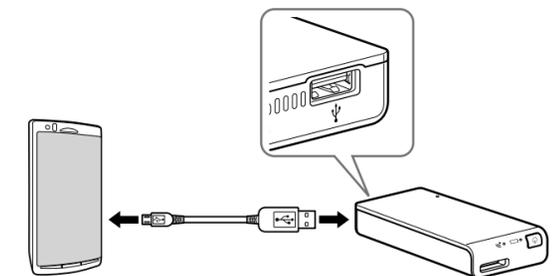
### Before Powering

- Check that the remaining battery level of this unit is sufficient.

### Power supply

- The output of this unit is 500 mA maximum. If the output exceeds 500 mA while power is being supplied, a safety function turns off the power supply.

- 2 Connect the other end of the USB cable to this unit.



\* See the online manual here for a list of devices that support power feeding. <http://rd1.sony.net/help/pws/c10/gb/>

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