



Preface

Thank you very much for purchasing the W22SA.

Before using your W22SA, be sure to read the W22SA Basic Manual (PDF manual) to ensure correct use of your W22SA. After you have finished reading this manual, store this PDF manual and the printed manuals in a safe place so you can retrieve them whenever you need them.

Contact the au shop or the au Customer Service Center for replacements if you lose either of these manuals.

Printed Manuals for W22SA (Japanese)

The W22SA comes with the Basic Manual and a Manual.





The upper or lower part of screens may be omitted in screen illustrations shown in this manual. Also, font or indications may be different from those on the actual screen or may be partly omitted.

Manners for Using Mobile Phones

- A mobile phone always generates weak electric waves while its power is ON.
- Be considerate of others and the environment around you, and have fun using your mobile phone safely.

There are places where the use of mobile phones is prohibited.

- Do not use mobile phones while you are driving. Doing so is dangerous and also forbidden by law.
- Be sure to turn your mobile phone OFF before you board airplanes. The use of cell phones onboard airplanes is forbidden by law.



• Electric waves from mobile phones may adversely influence medical devices and equipment.

- People with a pacemaker may be close to you in crowded places such as trains. Turn your mobile phone OFF in such places.
- Abide by the instructions of hospitals and other medical institutions where it is forbidden to use or carry mobile phones.



- Consider where to use your mobile phone and be careful of how loudly you talk.
 - Do not make calls in cinemas, theaters, museums, libraries and other similar places. Turn your mobile phone OFF or set it to the manner mode to prevent others around you from being inconvenienced by ring tones for incoming calls or mail.



- When on a crowded street, use your mobile phone in places where you do not prevent others from passing.
- When on a train or in a hotel lobby, move to areas where you will not bother others around you.
- Take care not to talk too loudly during conversations.



 Get permission from persons who will appear in photographs or movies before you take photographs or record movies of others with your mobile phone.



Basics of the Mobile Phone

What You Can Do with the W22SA

Mail

You can send mails to other mobile phones or personal computers.



→Page 39

Camera

You can take photographs and easily send them by E-mail.



EZchannel

You can automatically receive information by simply registering programs.



→Page 72

EZweb

You can access the internet to check the news or download Chaku-Uta[®] and wallpaper.



EZnaviwalk

You can identify where you are and follow vocal navigation aids until reaching your destination.



FM Radio You can readily enjoy FM Radio.



Useful Manner Mode and Answer Phone

Manner Mode

With manner mode, you can set the ringer not to sound so as not to bother the people around you.

Press vir(ref) for more than one second while the standby screen is displayed.



"I can't answer the phone right now." (Japanese)



Answer Phone

The caller can leave a message when you cannot answer the phone.

¢),\₹

Press 📲 🕇 for more than one second while the standby screen is displayed.

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Making Rear Key Operation Invalid

Making Rear Key Operation Invalid

→ Page 29

To carry the W22SA closed in your bag, press
 for more than one second to prevent key misoperation.



Check the Power, Reception and Battery



Confirm the "electric waves".

It is sometimes difficult to receive electric waves in some places even within

a service area.

indicates the reception state.



Confirm the "battery" level.

If the remaining battery power is too low, you may not be able to use the phone properly.

indicates the remaining battery power.



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Beware of Junk Mail and One-Ring Calls!

If you receive junk mail...

Using the mail filter function, you can reject mail sent from specific addresses or mail that bears "未承諾広告 (Unsolicited Ad)" in the title, which is the biggest source of junk mail.

The following mail functions are available for preventing arrival of junk mail.

- "未承諾広告フィルター": Rejects 未承諾広告 (Unsolicited Ad) mail.
- "アドレスフィルター": Rejects mail sent from specified addresses.
 - "指定受信設定": Accepts only mails sent from specified addresses.
 - "指定拒否設定": Rejects mails sent from specified addresses.

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If you receive a call from an unknown number...

It may be a "One-Ring Call" intended to trick you into calling back and accessing unwanted pay programs.

If a one-ring call is received, 🔛 is displayed in the received record.





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Before Use



Confirming the Package Contents

The W22SA phone and accessories are included in the package.



Names of Parts

Backside Center Key



Speakers

Battery Pack (Built-in)

Charging the Battery Pack

The battery pack is not fully charged at the time of purchase.

When you use the W22SA for the first time or when the battery level is low, charge the battery pack with the dedicated charger.

How to Charge the Battery Pack

Connect the SANYO AC Adapter 03 to the Desktop Holder.

Check the pin configuration and orientation of the connector before connecting the adapter.

Plug the power plug of the SANYO AC Adapter 03 into an AC outlet.

Attach the W22SA phone in which the battery pack is installed to the Desktop Holder.

To detach, hold down the Desktop Holder and detach the W22SA phone.



Incoming illuminator stays lit (red). Charging in progress.

• The light goes off. Charging completed.



The battery pack can also be charged by directly inserting the SANYO AC Adapter 03 connector into the external connector on the W22SA phone.



Turning the Power ON/OFF

Press (m) for more than one



<Standby Screen> Check the battery level. (WJ) 9:30 Ð ■ 🚊 🖾 E ∧ 💣 19:30 High Medium Low Zero Charging Fri Dieg 24 Check electric wave reception. WSSSA M \mathbb{Z} Y The Durk Adrs. Bk. Main Menu EZappli Electric Out of

service area

wave OFF

- When "Imp" or "The" is displayed, you cannot make or receive calls. •
- When " \mathbb{Y} " is displayed, you may not be able to make or receive calls.

Very weak

Turning the Power OFF

Weak

second.

Medium

Strong

Press $\widehat{}$ for more than one second.

About the Default Settings

When purchased, the W22SA is configured with the following default settings.

Lock No.		1234		
Font Size	Entry Size	Large		
	Mail Display	Medium		
	EZweb Display	Medium		
	AddressBookList	Large		
	Phone No.Entry	Large		
CallerID Notice		ON		
Call Notice	Call Ringer	Etude "Revolutionary"		
	Ringer Volume	Level3		
	Call Image	Grafigure		
	Vibrator	OFF (In the Manner Mode Ptn1 Med)		
	Lamp	Prior Data/Color3		

Switching the Screen Display to English

Menus, messages and other screen displays can be switched between Japanese and English.





Use ③ to select "Set Language" and press ④ (選択).

The Set Language settings screen appears.



Set Language	M 3 6
■日本語 ②English	
J	
Set	



Use to select "English" and press (Set).

The screen display is set to English.



Basic Usage of the Phone

Basic Operation

Various functions and settings of the W22SA can be operated by selecting an item with the cursor keys () and pressing the center key ().

In this Basic Manual, the usage of the cursor and center keys is indicated as follows.

<Example> Press the up or down key

Press the left or right key

Press the center key



Flexible Keys

Use these keys to operate items indicated in the lower part of the main display. The displayed items may differ depending on the screen.



In the case shown in the figure on the left: Press the corresponding key for the below indicated functions.



How to Use the Keys



- ① Displaying the launcher menu, Increasing receiver volume, Accessing the Shortcut Menu
- 2 Accessing the address book/Register New
- 3 Accessing the Incoming Calls/Received Records
- ④ Accessing E-Mail Menu/C-Mail Menu
- (5) Viewing new messages, Decreasing receiver volume, Accessing the Calendar
- 6 Making/Answering calls
- O Erasing characters, Canceling operations, Setting or releasing the manner mode
- 8 Loading the EZappli (BREW®) or the menu
- (9) Accessing the Outgoing Calls/Sent Records
- ① Connecting to EZweb
- Powering ON/OFF or ending calls
- D Entering phone numbers or characters
- (13) Accessing the photo mode
- ④ Setting or canceling the Answer Phone, Turning ON the pocket light, Audible confirmation of the current time and incoming calls/mails, Accessing the Memo Menu

Using the Main Menu

Pressing (() while the standby screen is displayed launches the Main Menu. Use the cursor keys () to select an item from the Main Menu, then press the center key () to enter and access the selected function.



Press \bigcirc to return to the previous screen if you get confused or make a wrong operation. Press \bigcirc to return to the standby screen.

How to Use the Launcher Menu

With the W22SA, the launcher menu can be conveniently used to access service menus.

Launcher Menu		lco	n		Service Menu		
			Mail		E-Mail Menu		
	Use () to access the functions at right.	Use () to access the		ġ	EZchannel	Use 👀 to	EZchannel Menu
15:30 Fri Dec 24				EZmovie	select an icon, then	EZmovie Menu	
		z	EZweb	press (•) (Select) to	EZ Menu		
W22SA			Л	EZnaviwalk	enter It.	EZnaviwalk Menu	
	Ø	Chaku-Uta-Full		Chaku-Uta-Full Menu			

Operation While the W22SA is Closed

When operating or setting from the sub display, select a desired item with the feather touch keys ($\bullet\bullet\bullet$) and press the backside center key ($\bullet\bullet\bullet$).

You can operate by gently pressing the feather touch keys (••••).

In this Basic Manual, usage of the feather touch keys and the center key are indicated as follows.



How to Use the Main Menu of the Sub Display

Pressing e enables you to work with Main Menu on the sub display. Use e to select an item and e to set it.



Press $\sqrt[3]{}$ or \mathbb{P} to return to the previous screen if you get confused or make a wrong operation. Depending on the menu, \mathbb{P} cannot be used.



The current time and incoming calls/mails can be heard through voice announce (Japanese) by pressing $\sqrt[3]{r}$ in standby.

Preventing Key Misoperation While the W22SA is Closed

Open the W22SA and press (MainMenu) for more than one second while the standby screen is displayed.



While the W22SA is closed, all key operations are locked and appears on the screen.

To Release from the Locked Status



When carrying the W22SA closed in your bag, lock the key operation in the closed status to prevent key misoperation.





Setting the E-mail and EZweb Default Settings

You must subscribe to the EZweb service to use the E-mail and EZweb services. Please contact the au shop or the au Customer Service Center if you did not subscribe for the service at the time of purchase.

Perform initialization before using the E-mail and EZweb services. Initialization automatically provides your E-mail address. To change that E-mail address to a preferred address, see page 20.



Confirming Your Phone Number and E-mail Address





While the standby screen is displayed, your phone number and E-mail address can also be confirmed by pressing () (WinNew) and then O.



Changing Your E-mail Address



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The layout and content of the screens shown here are only an example and are subject to change.

How to Use the Phone



Making Calls

How to Use the Phone

Use the \bigcirc - \bigcirc keys to enter the receiver's phone number, then press \bigcirc .





Press 📾 to hang up.

Making a call to a landline telephone, enter the phone number starting with the area code.

How to Make a Call

Add "184" before the phone number	Your phone number is not displayed on the receiver's end.
Add "186" before the phone number	Your phone number is displayed on the receiver's end.
Add nothing	The call is made in accordance with the CallerID Notice setting.

Press
 (Select), use
 to select "Add" and then press
 (OK) to add "184" or "186".

Answering Calls

Press \bigcirc during an incoming call to answer it.

b Press 🗟 to hang up.

Screen Displays for Incoming Phone Calls

Caller's phone number	The caller has set it so as to display his/her phone number. The caller's name is
Example: "0900002XXXX"	also displayed if the caller's information is registered in your address book.
"ID Unsent"	The caller has set it so as not to display his/her phone number.
"Payphone"	The call is made from a payphone.
"Not Support"	The call is made from the phone that does not support ID notification.

Screen Display if the Call Is Not Answered

The message shows that there were incoming calls unanswered (Missed calls).



Calling Back (Outgoing Calls/Incoming Calls)

Press () or () while the standby screen is displayed.

Pressing () displays the Outgoing Calls.

Pressing () displays the Incoming Calls.



The list shows the most latest dialed/received call on the top.



Meanings of the icons displayed in the Incoming Calls are as follows.





Outgoing Calls Incoming Calls



Mis : Missed call of which ring time is 3 seconds or longer

: Missed call of which ring time is less than 3 seconds





A call is made to the selected phone number.

The latest 20 phone numbers you dialed (Outgoing Calls) and received (Incoming Calls) are saved in each list.

Countermeasure for One-Ring Calls

What Are One-Ring Calls?

One-Ring Calls is a trick used to milk money from cell phone users. The call is hung up after only 1 ring so as to be left in the Incoming Calls history. Receivers who call back will access programs for which they must pay.

I con as a Countermeasure for One-Ring Calls

With the W22SA, One-Ring Calls (ringer time is less than 3 seconds) are indicated by 🔛 in the Incoming Calls history. Be careful if you are not familiar with any phone numbers that are indicated this way.



Changing Ringer Type





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The latest Chak

The latest Chaku-Uta[®] (ringer) can be downloaded and set for the Ringer. See page 68.

Adjusting Ringer Volume



Adjusting the Other Party's Voice Volume

Use () to adjust volume during a call.

 $\ensuremath{\mathsf{Press}}$ to increase the volume.

Press () to decrease the volume.

The voice volume can be adjusted in 9 levels during the call.





Setting the Manner Mode

The W22SA notifies you of the incoming call by vibrating.

1

Press ())))/(+) for more than

one second while the

standby screen is displayed.





" 💭 " and " 👕 " appear on the screen. Answer Phone is turned ON at the same time and " 💽 " appears on the screen.

To Turn the Manner Mode OFF

Press (1)17(7+-) for more than one second while the standby screen is displayed.

" 🗊 " and " "" disappear when the manner mode is turned OFF. Answer Phone is turned OFF at the same time, and " : disappears.



There are 4 different manner modes available with the W22SA.

Using Answer Phone



Press v for more than one second.





To Turn Answer Phone OFF

Press $\frac{1}{2}$ for more than one second.



- Answer Phone can hold up to about 20 seconds for each message, and up to 3 messages can be recorded including Rec.Phone Memo.
- Even if the Answer Phone has not been set, the caller's message can be recorded by pressing

 (Image) when a call is being received. (This action does not turn Answer Phone ON.)
- Use "Voice Mail" when you have turned the power off or where electric waves are blocked.

Playing Back/Erasing Messages on Answer Phone

When a message is recorded on Answer Phone:

"New Notice" appears on the standby screen, therefore press ().





Pressing (ICK) stops playback of the Answer Phone message.







The receiver's phone number can be automatically dialed and a call easily placed by saving frequently called phone numbers in the address book.

Storing Data in the Address Book



Address Book





The address book edit screen returns.



.ne.ip



The number of memory entries and of option items remaining appear.



Information

- Up to 500 phone numbers and E-mail addresses can be saved.
- · Memory numbers are automatically saved in the lowest available No. between 000 and 499.
- · You can register up to three phone numbers and two E-mail addresses per address book entry.
- In addition, groups and images can be registered.
Making a Call to a Saved Phone Number



Editing Address Book Data

Example: To change a phone number



\$

Select



-

Address Book

To edit names, see steps 2 and 3 on page 32.

Information

Registering Data from Outgoing/Incoming Calls



Mail



You must subscribe to the EZweb service to use the E-mail feature. Please contact the au shop or the au Customer Service Center if you did not subscribe for the service at the time of purchase.

Be sure to perform initialization before using the E-mail and EZweb services. If you have not performed initialization yet, see page 18.

E-mail

E-mail is a service for sending/receiving mail to/from E-mail compatible mobile phones and personal computers via internet E-mail addresses. Up to 5,000 two-byte characters can be sent in an E-mail message. Still images (photos), and moving images (movies) can also be sent via E-mail.





- To change the E-mail address, see page 20.
- Up to 1000 E-mails (including the number of addressees) can be sent a day.

Creating and Sending E-mail





41



Reading Received E-mail



To View Photos/Movies Received by E-mail



Information

- Voice data can be played back in the same way.
- Depending on the attached data, it may be played back after receiving it. Press ()
 (Rev) to play back.

Reading E-mail from the Inbox





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Mai



Mail

Blocking Junk Mail

Junk mail can be rejected with the mail filter feature.



"Impersonation mail" is junk mail sent via mobile phones or PHS E-mail addresses.

The junk Mail can also be prevented by changing your E-mail address.

C-mail

C-mail is a service for sending/receiving text massages to/from "C-mail" compatible mobile phones.





- C-mail service comes standard and does not require separate subscription.
- A C-mail can include up to 50 two-byte characters.

Creating and Sending C-mail





If you cannot send a C-mail, it is possible to store the mail at the C-mail center.

Reading Received C-mail



Reading C-mail from the Inbox



What You Can Do with the Camera



Shooting Photos/Movies

Taking Photos (Still Pictures) (See page 60) Recording Movies (Moving Pictures) (See page 61)



How to Hold the W22SA

The way to hold the W22SA during photo/movie shooting differs according to the size of the photo/movie.

Upright

Photo: Suited for Mobile/Wallpaper size photos Movie: Suited for Standard (S or M)/High Quality (M or L)/

Long-Time (M or L)

Hold the phone firmly with the right hand and support the right hand with the left hand.

Shooting with the main display

Shooting with the sub display

When recording a movie, hold with proper way so that you see Image in this direction.





Picture-Taking Posture

Open your feet to the breadth of your shoulders and maintain your back and sides firm.

To Prevent Shaking

- 1. Do not move the W22SA after pressing the shutter key until you hear the shutter sound.
- 2. It is possible to take a photo using the self-timer. By using the selftimer, you do not need to press the shutter key at the moment you want to take the photo, so you can prevent shaking.

Easy Picture-Taking Thanks to the Auto Focus

The camera incorporates an auto focus mechanism that is activated by simply pressing the shutter key. When you press the shutter key, the image is automatically focused before the picture is taken.

Key Operation in Picture-Taking

When shooting photos/movies, the icons along the bottom of the display correspond to the following keys.



Selecting the Photo Size/Recording Mode.

Before taking a photo or recording a movie, select an appropriate photo size and recording mode. (See page 62)

Photo Mobile Size (120 x 160 dots)

Select this size to take a photo that can be attached to E-mails and sent to other mobile phones.

Wallpaper Size (240 x 320 dots)

Select this size to use the photo as the wallpaper of the standby screen, etc.

Movie Standard

(S Size: 96 x 80 dots) (M Size: 128 x 96 dots) **High Quality** (M Size: 128 x 96 dots) (L Size: 176 x 144 dots)

Select one of these sizes to record a movie that can be attached to E-mails and sent to other mobile phones.

VGA Size (640 x 480 dots)

Select this size if you wish to save memory with images used on personal computers. It is also possible to select the photo quality according to objective.

SXGA Size (1280 x 960 dots)

Select this size for use on personal computers. Images can be enlarged to L and still retain their sharpness in printouts. It is also possible to select the photo quality according to objective.

ters. their e to e.

(M Size: 128 x 96 dots) (L Size: 176 x 144 dots)

Long-Time

Select one of these sizes to record long movies like with a simple video camera.





What You Can Do With the Camera

Use photos with the W22SA.

It is possible to display the photos you take on the standby screen, display them when a call comes in and register them in the address book.

Send photos/movies by E-mail.

Photos or movies of a max. 150KB can be sent by E-mail. By using the Photo Mail function, you can send photos/movies to mobile phones other than au.

The Character Reader (OCR Function) Can Be Used

Numerical or alphabetical character strings read with the camera can be used as text data.

Use the W22SA as the USB Camera.

Using the USB Cable WIN (optional), the phone can be used as a video input camera for chatting.



USB Cable WIN

Print photos you have taken.



Camera



Photos can be taken and movies can be recorded using the W22SA camera feature. The saved photos or movies can be attached to E-mail and sent to other cell phones or personal computers.

Taking Photos



Recording Movies



Title of a Photo You Take

Photo Size 1	Title of a Photo	Where to Save
Mobile/Wallpaper Size	date that the photo was taken_time that the photo was taken consecutive number	"Photo Folder" in the Data Folder
VGA/SXGA Size	date that the photo was taken + consecutive number	

(Example) For the first photo taken at 19:30 on December 24 2004 Mobile/Wallpaper Size: 041224_1930~01 VGA/SXGA Size: 12240001

1 Press $\int_{\frac{1}{2}}^{\frac{1}{2}}$ while the live image appears on the display to change the photo size.

Title of a Movie You Record

Recording Mode (Size) ²	Title of a Movie	Where to Save
Standard (S Size)	S_date that the movie was recorded_time that the movie was recorded consecutive number	
Standard (M Size) High Quality (M Size) High Quality (L Size) Long-Time (M Size) Long-Time (L Size)	date that the movie was recorded_time that the movie was recorded consecutive number	"Movie Folder" in the Data Folder

- (Example) For the first movie shot at 19:30 on December 24 2004 Standard S Size : S_041224_1930~01 Other : 041224_1930~01
 - 2 Press ((Menu)) while the live image appears on the display and select "Recording Mode" to specify the shooting mode. Pressing $\bigcap_{\frac{10}{24}}$ while the live image appears on the display changes the movie size.

Viewing Recorded Images



Attaching a Photo or Movie to an E-mail Message

Perform steps 1 and 2 on page 60 or 61 to take/record images.



2

Press \bigcap ($\overline{E-Mail}$).

The Create Mail screen appears with the image attached.

For the subsequent procedure, see steps 3 to 11 on pages 40 to 42.





Photo Mail

The receiver can view images using "Photo Mail", which automatically converts images to proper size/format when displayed on mobile phones other than au.

To use Photo Mail, you need to change the receiver's E-mail address to the relevant Photo Mail address.



You can select "Photo Mail" under the automatic address transfer function to have the receiver's E-mail address automatically converted as follows.

Receiver	E-mail address	Address after conversion
DoCoMo	@docomo.ne.jp	@d.nepm.jp
Vodafone	@ .vodafone.ne.jp	@ .vodafone.nepm.jp
TU-KA or au that does not support movie mail	@ezweb.ne.jp	@ezweb.nepm.jp

: differs depending on area.



EZweb



You must subscribe to the EZweb service to use this service. Please contact the au shop or the au Customer Service Center if you did not subscribe for the service at the time of purchase.

Be sure to perform initialization before using the E-mail and EZweb services. If you have not performed initialization yet, see page 18.

EZweb

EZweb is a data service for enjoying the internet via your mobile phone. Chaku-Uta[®] and the latest news can be obtained from information sites.



Understanding Basic Operations

SANYO



Information

The layout and content of the screens shown here are only an example and are subject 66 to change.

Viewing Information Sites

The EZweb can be accessed from the EZトップメニュー (EZ Top Menu). Many useful and entertaining information sites (programs) can be accessed via the EZweb.

Example: How to access the "特集" site in the "ビジネス&ニュース" (Business & News information)



When transited to other genres using a shortcut link, the top screen of the genre you were seeing previously is shown.



- Press 📾 to return the standby screen.
- Some information sites are pay sites and may require provider charges in addition to a connection fee. 67

Downloading Chaku-Uta®

Example: Download the latest Chaku-Uta® and set it for the Ringer.







The downloading procedure shown here is an example; it may be different from the actual procedure. Follow the instructions that appear on the screen.

Bookmarking Frequently-Accessed Sites



Up to 100 sites can be bookmarked.

Accessing Bookmarked Sites


Viewing Charges

Calls and transmission charges can be viewed on EZweb.



screen appears. Select the items to view.



EZweb





With EZ channels, the latest content is distributed and downloaded to the W22SA automatically just by registering the program you want to subscribe to in the W22SA.





EZchannel Menu Next Update Check Program Guide EZアップチャン 12/21/04Updt デンパーニュー 1//22/04Updt Multi Folder Book Folder Set Select

"Program Guide" to Search for the Desired Programs

Search for programs amongst the program introductions and recommendations provided on EZchannel.



"Program List" to View Downloaded Programs

You can play back downloaded programs. Downloaded programs can be viewed even in areas where electric waves cannot be picked up.



To Move Programs to the "Multi Folder" or "Book Folder"

Newly downloaded programs overwrite the existing data. Therefore, in order to save a specific program, move it to the "Multi Folder" or "Book Folder" (for ebooks only).

Some programs cannot be saved because of copyright protection.

How to Move Data

©weathernews











- Perform initialization before using the EZchannel service. If you have not performed initialization yet, see page 18.
- With EZchannel, a single program download can be as much as 3MB of data. It is recommended that you subscribe to the flat rate packet communication plan, "Double-Flat".

For details, contact the au shop or the au Customer Service Center.

• The layout and content of the screens shown here are only an example and are subject to change.

Registering Programs

Once a program has been registered with the W22SA, its name appears in the Program list of the EZchannel Menu. Whenever the program is updated, it is automatically downloaded to your W22SA.



Press \mathbf{E} while the standby screen is displayed.

The EZ Menu appears.



EZ Menu
🗧 🗧 🗐 Top Menu
E Favorite Site
Screen Memo
EZ Service Menu
S URL Input
🔓 🕞 Clear Browser Rec.
Data Folder
EZ Settings
Previous Display
EZweb Top Menu
Select SANYO

li c

EZchannel



Up to 3 programs can be registered.

Playing Back Programs

Programs can be played back by simply selecting one from the Program list of the EZchannel Menu.



Key Operation in Program Playback

(<u>Vol. Dn</u>)	Lowers the volume.
(Vol.Up)	Raises the volume.
<u>クリア/マナー</u>	Pauses the program. (While the program is paused, "Restart", "Play from Start" and "End" can be selected from the screen.)
(Restart)	Presses "Restart" to resume playback of a paused program (while the program is paused).
٢	Moves upward
٢	Moves downward
(Select)	Selects a link.
٢	Fast-forwards the program. (Skip)
\odot	Rewinds through the program or to the beginning (press for more than one second).
Dial Key	Selects a linked track.
PWR	Returns to the standby screen.

Some keys cannot be used with certain programs.



Some downloaded programs set restrictions on a term or expire or frequency to play. Playback cannot be made after passed the restriction date or times.

Saving Programs

By saving downloaded programs and e-books, you can play them back at any time.





Use () to select "YES" and

press (OK).

Program data is saved in the "Multi Folder", and e-book data is saved in the "Book Folder".

Some programs cannot be saved because of copyright protection.



Data in the Multi Folder can be played back as follows.

- 1. Use 🔇 to select the "Multi Folder" from the EZchannel Menu and press 🔘 (Select).
- 2. Use () to select the "Multi Folder" and press () (Select).
- 3. Use 🔇 to select the data and press 💽 (Select).



EZWeb subscription required What You Can Do with EZnaviwalk

A Mobile Phone attached Car Navigation!

The EZnaviwalk is a real navigation service that can walk you to your destination.



"Return Home" to Go Home

By registering the location of your home in advance, the EZnaviwalk service navigates you to your home.

Search result screen







"Going-Out Menu" for When You Go Out

Displays various menus that are useful when you are out.

.....

	NEW	Provides the latest news and event information.
	乗換検索	It is possible to search train exchange and train
	(Connection Search)	timetable.
■目的地検索 ■目的地検索 ■周辺検索	ナビ	Provides voice directions to a target destination. You can also register
	(Navigation)	"My Spots". In "着せ替えナビ", you can change the navigation voice
		and icons to famous people or animated characters.
日日小地への日月772 や 、M-2本*小登録ができ ます	道路情報	Check real-time traffic information on the principle
DI / Powered by NAVITIME JAPAN	(Traffic Info.)	roads all over Japan.
	設定ヘルプ	FAQ on settings, etc.
	(Setup FAQ)	
	登録解除	For registering or canceling membership.
	(Membership)	

Register Your Favorite Places as "MySpot"

By registering any place where you go frequently or your home, the EZnaviwalk service navigates you easier.



"E-Mail My Map" to Inform Others of Where You Are

When you are to meet with someone, it is possible to inform the other party of where you are by E-mail.







Select

The EZnaviwalk service can be of great help for an outing or if you get lost on the way to your destination.



- Perform initialization before using this service. If you have not performed initialization yet, see page 18.
- You need the EZnaviwalk application to use this service. If you do not have it, it can be downloaded when you access this service. Follow the on-screen instructions.
- You must register with EZnaviwalk (pay service) to use this service.
- The layout and content of the screens shown here are only an example and are subject to change.

Registering Your Home as the Place Where You Are

You can start navigation quickly by registering places that you frequently go to under "MySpot". Example: Regisering the present location as "Home".





Checking Ways to Return Home

You can search for the shortest route from the place where you are to your home, which may be a combination of routes by train and walking.



FM Radio



You can listen to FM Radio using the earphone cord as an antenna. You can also adjust volume and tune in stations. FM Radio broadcasts cannot be received without the included SANYO Flat-type Stereo Earphones 02.

Connecting the SANYO Flat-type Stereo Earphones 02 to the W22SA

Rotate the cover of the flat earphone terminal () and connect the included SANYO Flat-type Stereo Earphones 02 ().





Forcing the connection without rotating the cover will damage the product. Connect the earphone code in the orientation shown in the figure.

Listening to FM Radio



When you activate the FM Radio for the first time, the screen appears, on which you can select your area. Select your location area.

How to Operate the FM Radio Screen

Tuning and other operations are possible from the FM Radio screen.

Press \bigcirc on the FM Radio screen and use \bigcirc to select an area. Press \bigcirc to start an operation in the selected area.



Notes on Volume Adjustment

The volume can be set to 10 levels from 1 to 10, or muted.

- Press () to increase the volume.
- Press 🕥 to decrease the volume.
- Press \bigcirc for more than one second to mute the volume.

Information

- Perform initialization before using this service. If you have not performed initialization yet, see page 18.
- Packet communication fees are not charged for FM Radio listening. Services such as NOW ON AIR charge packet communication fees.
- The layout and content of the screens shown here are only an example and are subject to change.

Ending the FM Radio



Press $\textcircled{\bullet}$. Use $\textcircled{\bullet}$ to select "End" and press $\textcircled{\bullet}$ (ok).

Recording from FM Radio

You can record audio broadcasted over FM Radio.



(Example) For the first audio recorded at 19:30 on December 24 2004 041224_1930~01



Use 🞲 to select a recorded audio track and press () (Select).

The recorded audio is played back.





Key Operation in Audio Playback

٢	Raises the volume.
٢	Lowers the volume.
٢	Fast-forwards the recorded audio.
\odot	Rewinds through the recorded audio or to the beginning (press for more than one second).

For Good FM Radio Reception

- The SANYO Flat-type Stereo Earphones 02 serves as an antenna. Extend the earphone cable all the way and point it in the direction where reception is best.
- If reception is not good indoors, listen near windows for better FM reception.





Data in the address book, profile, or data folders can be sent or received between W22SA and other devices with an infrared data exchange feature.

How to Use

Use your W22SA within 20 cm of the other device. Also, keep your W22SA pointed at the infrared port of the other device and do not move your W22SA untill data has finished being sent or received.



For details on the sending procedure, see page 90.

For details on the receiving procedure, see page 91.

To send data with the infrared data exchange feature, both the person sending the data and the person receiving the data need to make preparations. (We recommend that the person receiving data get ready before the sender sends the data)

Data that can be sent and received

- · Address book data
- Profile data
- Schedules
- Task lists
- · Data in data folders
- · Bookmark data



- You cannot send or receive some data from some devices even if the other device you are communicating with is equipped with the infrared data exchange feature.
- The infrared data exchange feature of the W22SA sometimes does not work properly if the W22SA is used in direct sunlight, under fluorescent lighting or near other equipment that emits infrared rays.
- You may be required to enter the confirmation password when sending or receiving. The confirmation password is a 4-digit number determined before sending or receiving.

Sending Data

Example: To send Profile data



Receiving Data

Example: To receive address book data



Inputting Text



Switching Over the Character Type to Enter

On the character input screen, press $\int_{\pi}^{\mathbb{H}}$ to display the

Character Type selection screen.

Use O to select a character type and press O (O).

Switch Character '	
漢 ア 9	アイ
4 A 5 a 6	1
ZAB Bab 9	12
🗙 Mark 🛛 😛 🗰	Face

Entering Kana

The ① *** to ⑨ *** dial keys can be used to enter Kana characters. ① ** corresponds to "あ行", ② *** to "か行" and so on. The characters appear as shown in the following table each time the indicated key is pressed.

Example: The characters appear in the order of "か", "き", "く", "け", "こ", "か", "き" and so on, each time you press the 2^{ABC} key.

When the desired character appears, press the key of the character to enter next.

	Number of presses											
Key	1	2	3	4	5	6	7	8	9	10	11	12
1 ^{.@}	あ	٤١	う	え	お	あ	L١	う	え	ธ		
2 ABC #	か	き	<	け	J							
3 DEF	さ	L	す	せ	そ							
(4 ^{GHI} ≿	た	ち	с С	τ	٤	2						
5 ° 7/3	な	に	ぬ	ね	Ø							
6 ^{MNO}	は	ひ	isi	~	ほ							
7^{PQRS}_{*}	ま	み	む	め	も							
8 TUV **	ф	Þ	よ	や	ø	よ						
9 ^{wxvz}	6	IJ	3	n	3							
0.0000	ゎ	を	ю	わ	`	0	(Long sound)	•	~	!	?	Space
**	Switch letters	nes to " , or Lov	' [°] " (ha vercase	rd sour	nd sym	bol), " `	" (sem	ii-hard	sound	symbol), Uppe	ercase
#===	Shifts has ye	to the p et to be	revious enterec	charac d), or in	ter assi puts a l	gned to	o that sa ak (if cu	me key rrent cl	/ (when haracte	the cur r has be	rent cha een ent	aracter ered).

Consecutively Entering Characters of the Same Key

After entering the first character, press 💮 then the next key.

Example: Entering "あい"



Entering "゛" and "゜"

Enter the character to which to add "`" or "`", then press .

Example: entering "ば"

Press $\mathbb{G}_{\mathbb{Z}}^{\text{MNO}}$ once to enter " lt ".

Press 👫 once.

Example: Entering " ぱ".

Press $\mathbb{G}_{t\pm}^{MNO}$ once to enter " lt ".

Press 🐑 twice.

Erasing Characters

Press ()))/(?)- to erase a character.

Press (1) for more than one second to erase all characters after the cursor (\blacksquare). All characters are erased when the cursor (\blacksquare) is at the end of the text.



Pressing \bigcap (Undo) immediately after erasing text displays the erased text again.

Entering Hiragana Characters

Enter characters and press (Define).



Pressing ((Undo) immediately after entering text restores the text that previously existed.

Entering Kanji

Example: To enter " $\eta \parallel$ " as a name for the address book



Entering E-mail Addresses

Example: To enter "taro@ezweb.ne.jp"



Characters Available for E-mail Addresses

The characters appear as shown in the following table each time the indicated key is pressed.

	Lowercase letter									Up	oerca	se le	tter			
		Number of presses									Num	ber c	of pre	sses		_
Key	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
1 · @)		@	-	_	/	:		1		@	-	_	/	:		1
2 ABC	а	b	с	2					А	В	С	2				
3 def	d	е	f	3					D	E	F	3				
	g	h	i	4					G	Н	I	4				
5 °JKL	j	k	I	5					J	к	L	5				
6 ^{MNO} It	m	n	о	6					М	Ν	0	6				
7 PQRS	р	q	r	s	7				Ρ	Q	R	S	7			
8 ^{TUV}	t	u	v	8					Т	U	V	8				
9 ^{wxyz}	w	х	у	z	9				W	Х	Y	Z	9			
0.066	0								0							



Up to 20 lowercase characters including a "-"(hyphen) and "."(period) can be used for your E-mail address. However, "." cannot be used consecutively or at the beginning or end of an address. Also, "0" cannot be used at the beginning of an address.

The characters and symbols in the gray cells () cannot be used before the "@" as in " @ezweb.ne.jp".

Entering Pictographs



Inputting Fixed Expressions

Example: To input sentences and/or phrases from "Message" that have been registered beforehand.





Troubleshooting

Symptom	What to Check	Correction	Page
Cannot turn the power ON.	Is the battery pack attached properly?	Attach the battery pack properly.	_
	Is the battery pack charged?	Charge the battery pack.	10
	Did you press 💮 for more than one second?	• Press (a) for more than one second.	11
Cannot make a call.	Does Dut appear on the screen?	 Try making the call again at the place where where creen. 	11
	Did you include the area code?	 If you are making a call to a phone other than a mobile phone, include the area code, even when calling from the same city. 	22
	Does may appear on the screen?	Cancel the Emission.	_
	Is the power turned ON?	• Press (a) for more than one second.	11
	Did you press 🕜 ?	• Press 🖉 after the phone number.	22
Cannot receive calls.	Does Durt appear on the screen?	• Move to a place where Int does not appear on the screen.	11
	Does the appear on the screen?	Cancel the Emission.	-
	Is the power turned ON?	• Press (a) for more than one second.	11
Keys do not respond.	Is the power turned ON?	• Press (a) for more than one second.	11
The power is turned off after an alarm sounds.	The battery pack level is low.	Charge the battery pack.	10
Calls are answered automatically.	Is the Answer Phone ON?	 Press () for more than one second to release the Answer Phone. 	29
Cannot hear the other party's voice.	Is the receiver volume setting high enough?	• Press (5) while talking. The volume of the other party is raised.	28

Other Features

The W22SA is provided with other useful features.

EZ Chaku-Uta-Full™

Using this service, you can enjoy music data from EZweb information sites. Just like buying a CD, you can enjoy the whole song as well as the CD jacket and lyrics.

アプリモコンEZ (applimocon EZ)

Using the infrared data exchange feature, you can remotely operate the TV, video recorder, or DVD player. It is even possible to program videotape recording of TV programs from the W22SA onto a recording device at your home.

バーコードリーダー (BARCODE READER)

By recording a bar code (QR code) with W22SA, it is possible to read bar-coded characters. The read information can be used for the address book or Mails.

The QR code is a bar code with high information ability.

Reading mail with the voice feature

On the mail list screen or the detailed screen, mail with the reading icon can be read with the voice feature. Address book or memo data can also be read with the voice feature.

Full-fledged Mailing Features

Amongst various fun features, "Pastel Mail" enables you to send/receive vivid mail messages with a colored background and/or colored/blinking characters.

Chaku-Uta® Support

A segment of an artist's singing voice can be downloaded to be used as the ringer or just for playback.

EZappli (BREW®)

You can enjoy various applications, including high-volume games rich in expressive features and standby applications. Also, you can listen to FM Radio and utilize the navigation services with EZnaviwalk.

Character Reader (OCR)

You can register and create telephone numbers or E-mail addresses by scanning them with the camera. And, you can translate scanned text as well.

Easy Photo Print

By connecting the attached USB Cable WIN (optional) to a printer that supports PictBridge, it is possible to print photos of the desired number and size.

USB Camera

The W22SA's mobile camera can be used for chatting.

Powerful Dictionary Features

English-Japanese, Japanese-English and katakana English term dictionaries are installed in the W22SA. These dictionaries can be very useful as you can also translate English into Japanese and vice-versa while entering characters.

Dictionary Downloads

It is possible to download dictionaries from "SANYO ケータイプラネット" and use information therein as prediction candidates when entering characters.

Voice Recorder

The W22SA can record up to 6.5 hours of audio.

with **Disney**!

You can convert the wallpaper, ringer, images on the sending/receiving screen and launcher menu into Disney Mode all at once.

Pocket Light

The W22SA can be used as flashlight to light up outdoor garages, campgrounds or the keyhole at the entrance of your house at night.

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For inquiries, call:

au Customer Service Center (General Information)

From regular phones:

E 0077-7-111

(Toll free)

From au cellphones

157 area code not required (Toll free)

Pressing "zero" will connect you to an operator, after calling "157" on your au cellphone.



Cellphone and PHS operators collect and recycle unused telephones, batteries and battery chargers at stores bearing the O logo regardless of brand and manufacturer to protect the environment and reuse valuable resources.

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