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Basics

930P supports One Seg terrestrial digital TV broadcasting.

One Seg

One Seg is a digital TV broadcasting service for mobile phones.

For more information, visit The Association for Promotion of Digital Broadcasting Website:

[PC] <http://www.dpa.or.jp/>

[Handset] <http://www.dpa.or.jp/1seg/k/>

(Japanese only)

Features

Watch TV Programs (☞P.5-5)	Watch One Seg Digital TV on handset.
View Data Broadcast (☞P.5-7)	Access a variety of program-related information.
Record TV Programs (☞P.5-11)	Record program/capture still image while watching the program.
Set Timer (☞P.5-13)	Use Timer to view/record programs. You can easily set Timer by using Program Guide (☞P.5-7).

Mobile W-Speed

Frame rate of Digital TV images are automatically enhanced. Enjoy smooth image flow (☞P.18-13).

- Mobile W-Speed is set to **ON** by default.
- When this function is set to **ON**, full effect of **Image Quality** may not be achieved.
- Depending on broadcasting condition, full effect of this function may not be achieved.
- Disabled during ECO Mode (☞P.18-13) or AV output (☞P.10-13).
- Disabled for playing back video clips recorded with Mobile W-Speed set to **ON**.

Precautions

- Digital TV is available only in Japan.
- Incoming calls/messages may affect TV image or audio quality while TV is activated.
- Digital TV may be disabled if USIM Card is not installed or SoftBank subscription is terminated.
- SoftBank is not liable for damages from accidental loss/alteration of handset/microSD Card information.
Saved data to handset (TV Links, Channel List, etc.) cannot be restored after repairs or handset replacement. Back up important information.

Signal Reception Areas

TV signal reception may be poor in the following conditions:

- Too far from or close to broadcasting stations.
- Mountain areas or near tall buildings.
- In moving vehicles, underground, in tunnels, etc.
- Near high-voltage wires, neon lights, wireless base stations, railroad tracks or highways.
- Other areas where there is a significant number of signal obstructions or areas where signal reception is blocked.

When Battery is Running Out

- When activating/watching/recording Digital TV programs with low battery level, warning tone sounds.
- When battery runs low while programs are on or being recorded, handset operates as follows:
 - While Viewing
Warning tone sounds, and confirmation appears.
 - While Recording
Response differs depending on **Rec. When Low Battery** (P.18-13) setting.
 - Continue Recording**... Warning tone does not sound and confirmation does not appear.
 - Stop Recording**... Warning tone sounds and confirmation appears.
- Watching TV during charging may shorten battery life.
- If recording ends due to low battery, recorded portion is automatically saved.

Incoming Transmissions

TV pauses for incoming calls. Resume TV after call ends.

- Incoming calls do not interfere with recording.

Tip

- Use Other Functions while Viewing TV (P.5-8)

Initial Setup

Set channels for your area.

- Up to ten Channel Lists can be saved.

Main Menu ► TV ► Channel Setting ► Select Area

- 1 Select a region → Select a prefecture
- 2 **YES**

Note

- If unable to set Channel List using *Select Area*, select *Automatic* (☞Below).
- 930P detects a change in reception area after moving to a different area. Set Channel List for that area.

Channel Settings

Setting Automatic Channel

Main Menu ► TV ► Channel Setting ► Automatic

- 1 **YES**
- 2 After channel search, **YES** → Enter title
 - If title is not entered, date (year/month/day/hour/minute) is automatically saved as title.

Using Channel List

From ► Main Menu ► TV ► Channel List

■ Set Channels

Select a Channel List

- Channel List is set, and available channels appear.
- Select a channel to access the station.

■ Delete Channel List

Highlight a Channel List, and press **[Y]**[Menu] → *Delete this* → **YES**

■ Delete Channels from Channel List

Highlight a Channel List, and press **[M]**[Detail] → Highlight a channel, and press **[Y]**[Menu] → *Delete this* → **YES**

■ Edit Title

Highlight a Channel List, and press **[Y]**[Menu] → *Edit title* → Edit

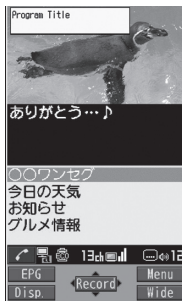
■ Reassign a Remote Control Number (Keypad) to a Channel

Highlight a Channel List, and press **[M]**[Detail] → **[Y]**[Menu] → *Remote control #* → Select a channel → Select a new remote control number → **[M]**[Finish] → **YES**

Watching TV



- Set channels beforehand. (☞P.5-4)
- Horizontal Open Position (☞P.1-6, P.1-7)

1 to activate



Viewer

2 Select a channel

Direct Channel Access	<input type="text" value="1"/> - <input type="text" value="9"/> <input type="text" value="*"/> (Channel 10) <input type="text" value="0"/> (Channel 11) <input type="text" value="#"/> (Channel 12)
Previous/Next Channel	
Channel Search	Press and hold  ● To stop: <input type="text" value="cancel"/> [Cancel] / <input type="text" value="キャンセル"/>

3 To end TV, → YES

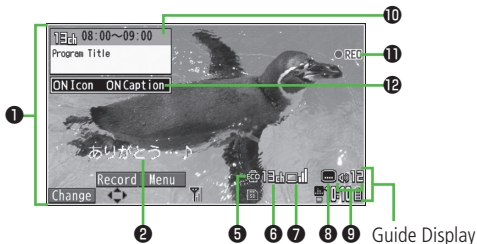
Note

- Alternatively, **Main Menu** ► **TV** ► **Watch TV**

Tip

- Display Digital TV Images on a TV (☞P.10-13)
- Use Bluetooth® Device for Wireless Playback (☞P.10-10)

Indicators



	Item	Description
1	Image	—
2	Captions	—
3	Data Broadcast	(P.5-7)
4	Operation Mode	<input type="checkbox"/> Data Broadcast Mode off <input type="checkbox"/> Data Broadcast Mode on
5	ECO Mode	(P.18-13)
6	Channel	(P.5-4)
7	Signal Strength Level	Strong ← → Weak Out of range
8	Receiving Captions	—
9	Volume	—
10	Program Title	—
11	Recording Video	<input type="checkbox"/> REC Recording <input type="checkbox"/> REC Timer Recording
12	Indicator/Caption Setting	Turn indicators/captions on or off

Operations while Viewing TV

Volume	*1 / / /
Mute/Cancel Mute*1	
Program Guide*2	[EPG]
Program Info	Press and hold ● To return to Viewer:
Program Title	[Disp.] ● Alternatively, in Landscape View (Normal Open Position)/Horizontal Open Position, press , or (also, in Horizontal Open Position)
Indicator/ Caption View*3	While Program Title appears: ● Each key press toggles indicators (icons) and captions on/off.
Information View*2	While Program Title appears, [Change]
Portrait/Landscape View*1	 ● Each key press toggles view. ● Close handset to return to Portrait View. ● Not available in Horizontal Open Position
Record Programs*1	[Record] (P.5-11) ● To stop: [Stop]
Capture Still Images*1	Press and hold (P.5-12)
Data Broadcast Mode On/Off*2	 ● Each key press toggles Data Broadcast Mode on/off.

*1 Available when Data Broadcast Mode is off

*2 Available only in Portrait View

*3 Available only in Landscape View

Program Guide

Confirm and set timer to view/record TV programs.

Main Menu ▶ TV ▶ Program List

- Confirmation appears when using Program Guide for first time. Follow onscreen instructions.
- Set timer to view/record selected program or check information. See Program Guide Help menu for usage information.

Data Broadcast (Japanese)

Access a variety of program-related information such as still images and video clips.

- Data Broadcast is not available in Landscape View. Press to switch to Portrait View.

- 1 Activate TV (Data Broadcast Mode off) → appears.
 - to select information.
 - To deactivate Data Broadcast Mode:

Note

- Viewing Data Broadcast information requires no fees; however, accessing websites will incur connection fees.

Functions while Viewing TV










■ Set Sound Effect

While TV is active,  [Menu] → *Settings* → *Sound* → *Sound Effect* → Select an item (See below)


Item	Operation/Description
Remaster	Complement sound from earphone or Bluetooth® device to bring close to original sound > ON or OFF
Listening	Add listening effect to sound from earphone or Bluetooth® device > Select an item <ul style="list-style-type: none"> · Surround: Reproduce natural and stereophonic sound · Natur 1 or Natur 2: Complement sound specific to earphone to reproduce natural sound · OFF: Turn off Listening setting
Equalizer	Change quality of sound from earphone or Bluetooth® device > Select an item <ul style="list-style-type: none"> · Normal: Reproduce normal sound · H. BASS1: Enhance low-pitched sound · H. BASS2: Enhance low-pitched sound even more · Voice: Make voice clear · Train: Minimize sound leakage

■ Other Functions

While TV is active, follow the steps below.

Item	Operation/Description
Access Internet via Yahoo! Keitai	>  <ul style="list-style-type: none"> ● To return to viewer: While Yahoo! Keitai is active, 
Access Internet via PC Site Browser	>  (MULTI) → <i>Open Menu</i> → <i>Yahoo! Keitai</i> → <i>PC Site Browser</i> <ul style="list-style-type: none"> ● Follow onscreen instructions
Make a Voice Call/Video Call	>  (MULTI) → <i>Stand-by display</i> → Enter a number →  /  [Dial] (For Video Call,  [V. Call]) <ul style="list-style-type: none"> ● Interrupt TV during call. After call, TV resumes. ● Recording will not be interrupted.
Use Messaging	>  (MULTI) → <i>Stand-by display</i> → 

■ Functions Available while Viewing TV

While TV is active,  [Menu] → Select an item (See below)

Item	Operation/Description
Channel info * ¹	View channel details. Select a channel to watch that station
Program info	View current program information
Channel List * ¹	View channel list (☞P.5-4)
Channel Setting * ¹	Set channels for your area (☞P.5-4)
Add to ch. list * ¹	Add current station to Channel List > YES ● Assign current station to lowest available number key.
Program list * ¹	View program list
Switch display * ¹	Switch view (switch image size/image off) > Select an item
Switch TV/data BC * ¹	In Portrait View, toggle Data Broadcast Mode on/off (☞P.5-7)
Icons * ²	Set Guide Display in Landscape View > ON or OFF
Compose S! Mail	Create S! Mail while listening to sound (☞From Step 2 on P.13-4)

Item	Operation/Description
Settings	> Select an item <ul style="list-style-type: none"> · Brightness: Set Back Light brightness · Mobile W-Speed*²: Enhance frame rate of TV images automatically · Image Quality*²: Select an image quality · LCD AI: Activate image compensation according to Back Light · Sound → Sound Effect*² (☞P.5-8) · Sound → Main/sub sound: Set main/sub sound · Sound → Switch audio data: Available only when multiple audio data are supported · Sound → TV Sound W/ Closed*²: Set whether to keep speaker on when closing 930P while viewing TV · ECO Mode*²: Set power saving mode (☞P.18-13)
Data Broadcasting * ¹	> Select an item <ul style="list-style-type: none"> · Reload contents: Reload page (Data Broadcast link) · Certificate: View owner, author, validity period and serial number of certificate used in SSL communication · Images*²: Show/hide images on Data Broadcast sites · Sound Effect*²: Turn on/off sounds from Data Broadcast/sites · Reset Settings*²: Show confirmation on Data Broadcast

Item	Operation/Description
Back to data BC ^{*1}	End Data Broadcast site and return to Data Broadcast window
Tune service ^{*1}	Select a program when multiple programs are available from the same broadcasting company > Select a station or its affiliate
TV Link ^{*1}	Show TV Link details
AV output	View a Digital TV image on a TV set or other devices (☞P.10-13)

*1 Available only in Portrait View

*2 Available from User Settings even while TV is not active (☞P.18-13).

TV Links (Japanese)

Saving TV Links

- Following functions are not available in Landscape View.

1 Switch Data Broadcast Mode on → Select a link

2 **YES**

Opening TV Links

Main Menu ► TV ► TV Link


1 Select a TV Link

- If confirmation appears asking whether to connect to Internet, select **YES**.
- If TV Link is expired, confirmation appears asking whether to delete link.

Functions Available in TV Link List

Main Menu ► TV ► TV Link


1  [Menu] → Select an item (See below)

Item	Operation/Description
Display detail	Show TV Link title, URL, summary, content type, expiration date
No. of TVlink	Show number of saved TV Links
Delete this	> YES
Delete selected	> Check TV Links to delete →  [Finish] → YES
Delete all	> Enter Phone Password → YES

Recording/Playing Programs

Recording Current Program

Save programs as videos or still images.
Recordings are saved to microSD Card.

- microSD Card:  P.9-15
- Save up to 2GB of data at a time.


Recording Time (total)*	Approx. 740 minutes
Savable Files	99 files

* Average recordable time per 2GB of data

- Recording is unavailable when signal strength drops to .


1  [Record]

 appears, and recording starts.

2  [Stop] to stop recording

Program is saved to microSD Card.

Note

- In the following cases, recording ends and recorded portion is automatically saved:
 - File size is over 2GB
 - microSD Card memory is full
- Recorded files are not saved to handset.
- Do not remove microSD Card while recording.
- Recording continues even if signal strength level is ; however, images and audio are not saved.
- Data Broadcast information cannot be recorded.
- Recording is disabled during AV output.

Capturing Screenshots

Captured screenshots are saved to handset.

- This feature is unavailable when signal strength is or Data Broadcast Mode is on.

- 1 Activate TV (Data Broadcast Mode off), and press and hold

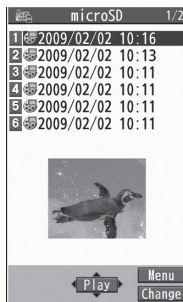
Note

- Captions cannot be captured.
- Capturing is disabled during AV output.

Playing Recorded Programs

Main Menu ► Data Folder ► TV ► Video

- 1 Select a file
Playback starts.



Example: Video Folder

- 2 to stop playback

Playback Operations

Volume	
Mute/Cancel Mute	
Play Previous File	<ul style="list-style-type: none"> Play back from beginning when playback time is over ten seconds.
Play Next File	
Pause/Resume	
Play Frame by Frame	Pause playback → [Frame] <ul style="list-style-type: none"> Play back frame by frame.
Skip Rewind (30 Seconds)*1	Press and hold
Skip Forward (30 Seconds)*1	Press and hold
Toggle Playback Speed	
View Title	[Disp.] <ul style="list-style-type: none"> In Landscape View, indicator/caption setting display appears.
Toggle Caption	Display title → [Change] <ul style="list-style-type: none"> In Landscape View, each key press toggles indicators (icons) and captions on/off.
Portrait/Landscape View*2*3	<ul style="list-style-type: none"> Each key press switches view.

*1 Operation is unavailable if file is under 30 seconds long.

*2 Close handset to return to Portrait View.

*3 Disabled in Horizontal Open Position

Viewing Captured Screenshots

Main Menu ► Data Folder ► TV ► Image

- 1 Select an image



Timer

- Set up to 100 timer entries to watch or record programs.

Main Menu ► TV

- 1 **Timer Watching** or **Timer Recording**

- 2  [New] → Select an item (See below)

Item	Operation/Description
Start date setting	Set date and time to start viewing/recording a program > Select an item
End date setting * ¹	· Enter date → Enter a date · Choose date → Select a date
Channel	> Select a channel
Edit title	> Enter a program name
Repeat	> Select a repetition → For Select day , select a day (days) →  [Finish]
Alarm * ²	> ON or ON/Set time → For ON/Set time , select an alarm time
Clock Alarm Tone * ²	> Select an alarm type → Select a folder → Select an alarm
Alarms * ¹	> ON or OFF
Volume	>  to adjust volume ● For Timer Recording , Escalating Tone cannot be set.
Activate TV w/ alarm * ²	> ON or OFF ● When ON is set, Digital TV activates from alarm notification window.

Item	Operation/Description
Priority* ¹	Set handset response when Timer Recording starts > Recording or Operation <ul style="list-style-type: none"> ● When Recording is set, active function suspends/ends, and recording starts. ● When Operation is set, confirmation appears. To suspend/end active function, select YES and <input type="checkbox"/> to start recording.

*1 Timer Recording only

*2 Timer Watching only

3 [Finish] → For **Timer Recording**, select **YES** or **YES (confirm once)**

Note

- Select timer entries to check details; [Edit] to edit details.
- Timer Recording does not start if Internet and two other functions are active simultaneously.
- Alarm does not sound for Timer Watching/Timer Recording in following functions. For Timer Recording, complete followings (in parentheses) one minute before timer starts; otherwise, recording does not start.
 - While handset is off (Turn on handset)
 - While Privacy Key Lock or Personal Data Lock is active (Cancel Lock)
 - During data transfer (Complete transfer)
 - During Infrared transmission, IC transmission or Bluetooth® transmission (Complete transmission)
 - During software update (Complete update)

Other Timer Operations

Main Menu ► TV

1 **Timer Watching** or **Timer Recording**

2 [Menu] → Select an item (See below)

Item	Operation/Description
New	Set a timer entry to watch/record a program (☞P.5-13)
Edit	Edit entry details (☞P.5-13)
Sort	Sort timer entries > Select an order
Delete this	> YES
Delete past	Timer entries with start/end time set prior to current date/time are deleted > YES
Delete selected	> Check timer entries to delete → <input type="checkbox"/> [Finish] → YES
Delete all	> Enter Phone Password → YES
Memory Status [Timer Recording only]	Show memory status

Checking Timer Recording Results

Main Menu ► TV

1 **Recording Result** → Select a result

- Details appear.