

# TV



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# About TV

Handset supports One Seg Digital TV for cellular phones.

- One Seg is available only in Japan.

## One Seg

One Seg is a digital TV broadcasting service for mobile devices. It uses one segment of the terrestrial digital band for TV and data broadcasts that you enjoy at home, on your handset.



Watch TV in  
Widescreen

### Data Broadcasts

Enjoy data broadcasts while watching TV. Access program-related information and even participate in the program (P. 8-6).

### Record Programs

Record a program on memory card while viewing it and enjoy it again at a later time (P. 8-8).

### View and Record Timer

Book programs you want to view/record. Program Guide can be used for booking programs (P. 8-10).

### Quick Info

Sender and subject information appears for new message while TV is active (P. 14-5).

## Precautions

- Never watch TV while riding a bicycle, motorcycle or driving a car. You may not hear the sounds around you clearly, or TV image/sound may distract you creating the risk of accident. Even while walking, pay attention to the traffic around you. Be especially careful at railway crossings and pedestrian crosswalks.
- TV image/sound may be affected if a call or message is received while watching TV.
- TV information (TV links or data you entered in Data Broadcast Mode) saved on handset cannot be transferred to another handset when you change your handset to another model or when it is repaired. Keep a memo of necessary information.
- TV is available when USIM Card is inserted and with a valid SoftBank contract.
- TV antenna is built into handset. If image quality does not improve, move handset away from body or change locations.



- TV image/sound may deteriorate or signal reception may become impossible in the following areas:
  - Areas far from signal towers
  - Mountain areas or places beside tall buildings
  - In tunnels, underground malls or buildings with a lot of signal obstructions
- For more information on One Seg services, visit the following website:  
The Association for Promotion of Digital Broadcasting  
From PC: <http://www.dpa.or.jp/>  
From handset: <http://www.dpa.or.jp/1seg/k/>  
(Japanese)

### When You First Activate TV

The first time you activate TV, the following information appears.

- How to switch between Portrait and Landscape View
  - Functions unavailable in Landscape View
- Read information then press **●**, select **YES**, and press **●**. If **NO** is selected, information no longer appears when activating TV.

### Operating in Landscape View

Multi Selector for selecting channels or adjusting the volume is operated the same way in both Portrait and Landscape View.

### Initial Setup

Configure channel settings for your area and save stations to a channel list.

- 1 **●** ⇒ **TV** ⇒ **●** ⇒ **Channel Settings** ⇒ **●**
- 2 **Select Area** ⇒ **●** ⇒ **Select area** ⇒ **●** ⇒ **Select prefecture/city** ⇒ **●** ⇒ **YES** ⇒ **●**

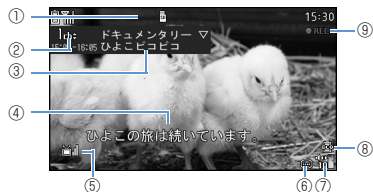
Stations for the area are saved to a channel list.

### Tip

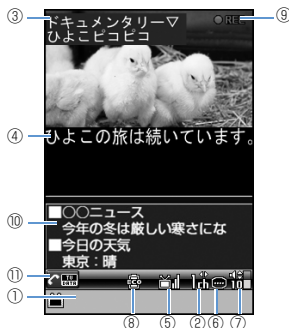
- If signals from stations of the selected area are difficult to receive, search for stations using the *Automatic* option.



## TV Windows



Landscape View



Portrait View

①	<b>Quick Info</b> Ticker scrolls across top of Display for new messages (P. 14-5).
②	<b>Channel</b>
③	<b>Program Title</b>
④	<b>Subtitles</b>
⑤	<b>Signal Strength</b> <ul style="list-style-type: none"> <li> Strong</li> <li> Moderate</li> <li> Weak</li> <li> Out of Broadcasting Area</li> </ul>
⑥	<b>Subtitle Data</b> <ul style="list-style-type: none"> <li> Subtitles Available</li> </ul>
⑦	<b>Volume</b>
⑧	<b>TV Power Saving</b> <ul style="list-style-type: none"> <li> TV Power Saving Active</li> </ul>
⑨	<b>Recording Status</b> <ul style="list-style-type: none"> <li> Recording</li> <li> Timer Recording Activated</li> <li> Recording Paused</li> </ul>
⑩	<b>Data Broadcast</b>
⑪	<b>TV View Mode</b> <ul style="list-style-type: none"> <li> Image Mode</li> <li> Data Broadcast Mode</li> </ul>

## More Features

### Advanced

#### Channel Settings

- Save Stations to a Channel List Automatically
- Save Stations of a Different Area to a Channel List
- Switch Channel Lists

▶ P. 8-12

### Customize

#### Channel List

- Change Title of Channel List
- Delete a Channel List
- Assign Channels to Remote Control Numbers
- Delete a Channel

▶ P. 14-21

#### Other Settings

- Check TV Settings
- Reset Channel Settings
- Clear Data Broadcast Memory
- Reset TV Settings

▶ P. 14-22



## Watching TV

1 → **TV** → → **Watch TV** →



TV Window

2 Use Keypad to select a channel

Press for channel 10, for channel 11, and for channel 12.

3 or press and hold to end **TV** → **YES** →

Follow the same step to end TV in Portrait view.

### Tip

- TV volume is "0" when Manner Mode is active and no earphone is connected. Adjust with .

## TV Operations

Change Channel in Order	
Automatically Search for Receivable Channels	Press and hold • Press  or  to stop search
Adjust Volume	or press and hold
	- Or
	Press and hold -Or press and hold
Mute	
Toggle Portrait and Landscape	or press and hold
Show/Hide Subtitles <sup>1</sup>	Press and hold
Toggle Windows <sup>2</sup>	Press and hold Windows toggle as follows: Data Broadcast → Image & Data Broadcast → Image & Subtitles & Data Broadcast
Switch to Data Broadcast Mode <sup>2</sup>	

1 Available in Landscape View.

2 Available in Portrait View.

## Taking Calls While Watching TV

When a call arrives or when Alarm or Schedule Alarm is activated while watching TV, TV is interrupted to receive the call, etc. TV resumes after call or function ends.



## Data Broadcasts (Japanese)

Data broadcasts are available while watching TV in Portrait view. Access various kinds of program-related and other information in Data Broadcast Mode.

### 1 [TV Window] ⇨



Data Broadcast Mode Window

Data Broadcast Mode is activated.

### 2 Select a link ⇨

If a confirmation for Internet access appears, select **YES** and press to access the Internet. Select **YES (By default)** and confirmation no longer appears.

## TV Link Operations

Select a Link	
Confirm Selection of a Link	
Switch Pages	
Previous Page*	<input type="button" value="CLEAR"/>
Toggle Windows	Press and hold Windows toggle as follows: Data Broadcast → Image & Data Broadcast → Image & Subtitles & Data Broadcast
Switch to TV Mode	

\* Available when connected to a data broadcast website.

### Note

- Viewing data broadcast information requires no fees. However, accessing Internet links will incur transmission fees.
- Data broadcasts are unavailable in Landscape view.

## Program Guide

- Use Program Guide to set timer to record/activate programs.

### 1 ⇨ TV ⇨ ⇨ Program Guide ⇨

See Program Guide help for further operations.

Before first using Program Guide, configure initial settings and agree to the terms of use. Follow the onscreen instructions.



## More Features

### Advanced

#### Watching TV

- Show Program Information
- Adjust Brightness
- Switch Main & Sub Audio
- Switch Audio Channels
- Show Current Channel List Information
- Add Current Station to Channel List
- Select a Program

(▶ P. 8-12)

#### Data Broadcasts

- Reload Page Accessed from Data Broadcast
- Check Certificate for SSL Page
- Exit Page and Return to Data Broadcast

(▶ P. 8-12)

#### TV Link

- Save TV Links
- Access Pages/Information from TV Links
- Show Details of a TV Link
- Show Number of Saved TV Links
- Delete TV Links

(▶ P. 8-13)

### Customize

#### Image & Sound

- Set Subtitle Display
- Show/Hide Icons in Landscape View
- Save Battery by Dimming Backlight
- Set Sound On While Handset Closed
- Keep Backlight On When Viewing TV
- Set Backlight Duration for Viewing TV

(▶ P. 14-21)

#### Data Broadcasts

- Set Whether to Show Images in Pages Accessed from Data Broadcasts
- Enable/Disable Sound Effects of Data Broadcasts
- Show Confirmation Window Again

(▶ P. 14-22)



## Recording Programs

TV programs can be recorded on memory card while you are watching them.

- Data broadcast information does not appear when playing recorded programs.

**1** [TV Window] → Press and hold Recording starts.

■ To Capture a Screenshot



Captured screenshots are saved to TV in Data Folder.

**2** Recording ends.

■ When Memory Becomes Full

Recording ends and the recorded portion is saved.

## Note

- The channel remains fixed during recording.
- Recording certain programs is restricted. If a restriction is activated while recording a program, recording automatically ends, and the part that has been recorded so far is saved.
- When appears to indicate handset is out of the broadcasting area, recording is paused. When the signal strength recovers to weak or better, recording automatically resumes.
- Recording continues even if handset is closed. However, this may affect signal reception.
- Recordings that you make are for personal use only. Other uses require the permission of the copyright holder.

## Playing Recorded Programs

**1** → Data Folder → → TV →

**2** Video → → microSD →



Recorded Program List

■ To View Captured Screenshots

→ Image → → Select a folder →

**3** Select a file →



Recorded Program Playback Window

■ To Stop Playback

→ CLEAR



**Tip**

- If a program was stopped partway through, resume playback from that point. Select **YES** and press

**Playback Operations**

Pause/Play	
Adjust Volume	or press and hold
	or
	Press and hold  or press and hold
Mute	
Fast Play <sup>1</sup>	
Frame Forward	during pause
Skip Ahead 30 Seconds <sup>2</sup>	Press and hold
Skip Back 30 Seconds <sup>2</sup>	Press and hold
Toggle Portrait and Landscape View	or press and hold
Show/Hide Subtitles	Press and hold

1 Toggle normal and fast play.

- 2 Available when recorded program is 30 seconds or more.

**More Features****Advanced****Recording Programs**

- Edit Title of a Recorded Program
- Reset Title of a Recorded Program
- Switch Views of Recorded Program List
- Check Information on a Recorded Program
- Check Volume of Recorded Programs
- Delete Recorded Programs

P. 8-13

**Playing Programs**

- Specify Point to Start Playback

P. 8-14

**Customize****Recording Programs**

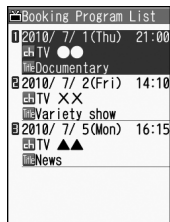
- Continue/End Recording at Low Battery

P. 14-22



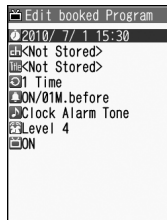
## Setting View Timer

- 1 → **TV** → → **Booking Program List** →



Booking Program List

- 2 → **New** →



View Timer Setting Window

- 3 →

▶ To Enter Date Manually  
**Enter Date** → → Enter date and time →

▶ To Select a Date from Calendar  
**Choose Date** → → Select a date → → Enter time →

- 4 → → **Select a channel** →

- 5 → → **ON, ON/Set Time or OFF** → ( → **Select a time** →

- 6

### Tip

- When the set time arrives, alarm sounds for about five minutes and information (start date/time, channel, program title and animation) appears. Press any key to stop alarm tone.

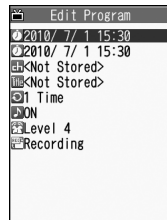
## Setting Record Timer

- 1 → **TV** → → **Timer Recording List** →



Timer Recording List

- 2 → **New** →



Record Timer Setting Window

**3** → ●

Enter date and time to start/end recording.

**▶ To Enter Date Manually**

**Enter Date** → ● → Enter date and time to start and end recording → ●

**▶ To Select a Date from Calendar**

**Choose Date** → ● → Select a date → ● → Enter time → ●

**4** → ● → **Select a channel** → ●**5** → ● → **ON or OFF** → ●**6** (⇒ **YES or YES (Confirm Once)** → ●)**Note**

- If multiple recordings are set back-to-back (same end and start times), the first recording ends ahead of its set end time.

**Tip**

- One minute before recording starts, alarm sounds for about two seconds. Information appears on Display (start and end dates and times, channel, program title and animation) and TV activates. Recording starts at the set start time.

**More Features** **Advanced****View/Record Timer**

- Select a Timer Alarm Tone
- Enter Title of Booked Program
- Set Regular Activation of View or Record Timer
- Set Timer Alarm Volume
- Activate TV Directly from Timer Alarm Notification Window
- Set Priority at Recording Start Time When a TV & Music Group Function is Active
- Edit View/Record Timer Settings
- Change Order of Booked Programs
- Delete Booked Programs
- Check Volume of Recorded Programs
- Check Result of Timer Recording

**▶ P. 8-14**



## Channel Settings

### Save Stations to a Channel List Automatically

● → TV → ● → Channel Settings → ●  
 → Automatic → ● → YES → ● → YES  
 → ● → Enter title → ●

When a Remote Control Number applies to two or more channels, select an area manually.

### Save Stations of a Different Area to a Channel List

● → TV → ● → Channel List → ● →  
 Not Stored → ● → Channel Settings →  
 ● → Select Area → ● → Select area → ●  
 ● → Select prefecture/city → ● → YES  
 → ●

### Switch Channel Lists

● → TV → ● → Channel List → ● →  
 Select a channel list → ●

## Watching TV

### Start Here

[TV Window] .....P. 8-5

### Show Program Information

[TV Window] → ● → Program Info → ●

### Adjust Brightness

[TV Window] → ● → Display Setting →  
 ● → Brightness → ● → Select a level →  
 ●

### Switch Main & Sub Audio

[TV Window] → ● → Sound → ● →  
 Main/Sub Sound → ● → Select an audio  
 output option → ●

### Switch Audio Channels

[TV Window] → ● → Sound → ● →  
 Sound Switch → ● → Select an audio  
 channel → ●

Sound Switch is available when there is more than one audio channel.

### Show Current Channel List Information

[TV Window] → ● → Channel → ● →  
 Channel Info → ●

### Add Current Station to Channel List

[TV Window] → ● → Channel → ● →  
 Add Channel → ● → YES → ●

This function is useful when you find new stations via auto-search (press and hold ).

### Select a Program

[TV Window] → ● → Channel → ● →  
 Tune Service → ● → Select a service  
 (program) → ●

Tune Service is available when more than one service (program) is broadcast from the same station.

## Data Broadcasts

### Start Here

[Data Broadcast Mode Window] .....P. 8-6

### Reload Page Accessed from Data Broadcast

[Data Broadcast Mode Window] → ● →  
 Data Broadcast → ● → Reload Contents  
 → ●



## Check Certificate for SSL Page

[Data Broadcast Mode Window] → → → **Data Broadcast** → → **Show Certificate** →

## Exit Page and Return to Data Broadcast

[Data Broadcast Mode Window] → → → **Data Broadcast** → → **Back to Data BC** →

## TV Link

### Start Here

[Data Broadcast Mode Window]..... P. 8-6

### Save TV Links

[Data Broadcast Mode Window] → Select an item → (→ **YES** or **YES (By default)**) →

Some TV links may have expiration dates.

## Access Pages/Information from TV Links

→ **TV** → → **TV Link** →

Types of TV links are indicated by the following icons:

- Memo information
- Data broadcast site
- Internet content

## Show Details of a TV Link

→ **TV** → → **TV Link** → → Select a TV link → → **Display detail** →

## Show Number of Saved TV Links

→ **TV** → → **TV Link** → → → **No. of TVlink** →

## Delete TV Links

→ **TV** → → **TV Link** → → Select a TV link →

- To Delete the Selected TV Link  
→ **Delete This** → → **YES** →
- To Delete Multiple TV Links  
→ **Delete selected** → → Select a TV link → → Repeat step of selecting TV link → → **YES** →
- To Delete All  
→ **Delete All** → → Enter Security Code → → **YES** →

## Recording Programs

### Start Here

[Recorded Program List]..... P. 8-8

### Edit Title of a Recorded Program

[Recorded Program List] → Select a program → → **Edit Title** → → Edit title →

### Reset Title of a Recorded Program

[Recorded Program List] → Select a program → → **Initialize Title** → → **YES** →

### Switch Views of Recorded Program List

[Recorded Program List] → → **Switch List** → → **Title** or **Title+Image** →

### Check Information on a Recorded Program

[Recorded Program List] → Select a program → → **Show Info** →

### Check Volume of Recorded Programs

[Recorded Program List] → → **Check Memory** →



## Delete Recorded Programs

[Recorded Program List] → Select a program →

- To Delete the Selected Program  
→ *Delete This* → → *YES* →
- To Delete Multiple Programs  
→ *Multiple-choice* → → Select a file →   
● (repeat to select another file) → →   
*Delete* → → *YES* →
- To Delete All  
→ *Delete All* → → Enter Security Code  
→ → *YES* →

## View/Record Timer

### Start Here

- [Booking Program List] ..... P. 8-10
- [View Timer Setting Window] ..... P. 8-10
- [Timer Recording List] ..... P. 8-10
- [Record Timer Setting Window] ..... P. 8-10

### Select a Timer Alarm Tone

[View Timer Setting Window] → →   
→ Select a folder → (→ Select a sub folder → ) → Select an alarm tone →

### Enter Title of Booked Program

[View Timer Setting Window]/[Record Timer Setting Window] → → →   
Enter program title →

### Set Regular Activation of View or Record Timer

[View Timer Setting Window]/[Record Timer Setting Window] → → →   
**1 Time, Daily or Select Day** →   
 When *Select Day* is specified, select days of the week and press .

## Set Timer Alarm Volume

[View Timer Setting Window]/[Record Timer Setting Window] → → → →   
to adjust volume →

## Activate TV Directly from Timer Alarm Notification Window

[View Timer Setting Window] → →   
→ *ON* or *OFF* →   
 When *ON* is set, press twice, select *YES* and press from Alarm Notification window to activate TV and watch the booked program.

## Set Priority at Recording Start Time When a TV & Music Group Function is Active

[Record Timer Setting Window] → →   
→ *Recording or Operation Preferred* →   
●  
 When *Recording* is set, the function in operation is interrupted/ended, and recording starts. When *Operation Preferred* is set, a confirmation asking to start recording appears.

## Edit View/Record Timer Settings

[Booking Program List]/[Timer Recording List] → Select a booked program → →   
Edit each item →

## Playing Programs

### Start Here

[Recorded Program Playback Window] ..... P. 8-8

### Specify Point to Start Playback

[Recorded Program Playback Window] → → → *Location* → → → to specify point →



### Change Order of Booked Programs

[Booking Program List]/[Timer Recording List] → → **Sort** → → Select a criterion →

### Delete Booked Programs

[Booking Program List]/[Timer Recording List] → Select a program → → **Delete** →

- To Delete the Selected Program  
→ **Delete This** → → **YES** →
- To Delete Multiple Programs  
→ **Delete Selected** → → Select programs → → Repeat step of selecting programs → → **YES** →
- To Delete All  
→ **Delete All** → → Enter Security Code → → **YES** →

Select **Delete Past** to delete old bookings.

### Check Volume of Recorded Programs

[Timer Recording List] → → **Memory Info** →

### Check Result of Timer Recording

→ **TV** → → **Result Timer Rec** →   
→ Select an entry →

Press to play the recorded program.

