

# Digital TV



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## Enjoy One Seg in Wide Screen

This handset supports One Seg terrestrial digital broadcasts. One Seg is referred to as "Digital TV" in this guide.

### Setting up Channels

Set up channels to watch Digital TV (➡P.6-4).



### Watching TV

In Standby, press for 1 + seconds to activate TV (➡P.6-5).

## One Seg

One Seg is a terrestrial digital broadcast service supporting mobile television and Data Broadcasts in Japan. The six MHz band assigned to each digital channel is divided into 13 segments: 12 dedicated to HDTV broadcasting and the remaining "One Seg" to mobile devices.

One Seg service began on April 1, 2006, in the three largest urban areas and 13 prefectures in Japan. For details, access the Association for Promotion of Digital Broadcasting Website:

- The Association for Promotion of Digital Broadcasting Website:  
<http://www.dpa.or.jp/english/> (PC)  
<http://www.dpa.or.jp/1seg/k/> (Mobile) Japanese

### Downloading Electric Program Guide



Download an electric program guide to find the desired TV program (➡P.6-6).

### Recording/Playing/Reservation



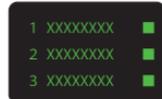
Record and reserve TV programs with TV timer recording. Play recorded programs (➡P.6-8).

### Watching Data Broadcasts



Watch Data Broadcasts to get program-related information (➡P.6-6).

### TV Link



Join a program through TV links (➡P.6-7).

## Precautions for Watching TV

Please confirm the following precautions before using TV.

- This handset supports One Seg terrestrial digital television broadcast service available only in Japan.
- Do not use TV while driving a vehicle or riding a bicycle. (mobile phone use while driving is prohibited by the revised Road Traffic Law since November 1, 2004.) For TV use while walking, road safety precautions should always apply.
- Incoming transmissions may affect audio/visual signal. Use of another handset near this handset may also affect TV.
- Use Stereo Earphone Microphone (optional) where viewing Digital TV with Speaker is inappropriate.

## Reception

Digital TV may not be viewable in the following places:

- Too far from or too close to broadcasting stations.
- In mountainous areas or near tall buildings.
- Aboard trains or in moving vehicles.

- Near high-voltage lines, neon lights, or wireless base stations.
- Near railroad tracks or highways.
- In underground shopping malls or tunnels.
- Anywhere jamming signal is broadcast or reception is blocked.

## Battery

When battery level is , Digital TV is not available.

- If battery runs out while watching, TV automatically ends.

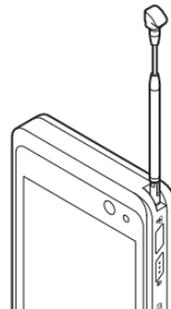
## Charging

Charge battery while viewing Digital TV.

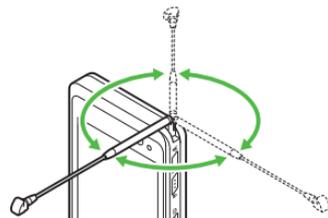
- Use SoftBank approved AC Charger.
- Keep AC Charger cord away from Antenna; may cause interference.
- Charging takes longer when TV is active.

## Antenna

- Handset features a whip Antenna that divides into two segments. Fully extend Antenna until fixed.



- After use, hold base of Antenna to retract it; pressing down on it with force may cause damage. Retract it and replace top bead into handset.
- Extend Antenna when viewing Digital TV, unless a broadcasting station is close. In this case, retract Antenna for better reception.
- For best reception, fold and rotate 360°.



## Receiving Call While Watching TV

### Receiving Call



Incoming call window appears. Press  to answer a call.  
The other party's phone number appears during the call. End the call to return to Digital TV.

### Receiving Mail



Sender's address, etc. appears at top of Display.  
Tap the ticker to view messages. Press  to return to TV window.

- When returning to Standby leaving messages unread, total number of new and unread messages is shown in Received msg.
- Voice Call or incoming message may affect the quality of TV audio or visual reception. Handset use near handset while TV is active, may affect audio or visual reception quality.

## Channel Setup (Area Setup)

Handset contains local channel information.  
Before using TV for the first time, specify your area to set up channels.

- 1  (1 + seconds)
- 2 Confirmation appears, choose *Yes*
- 3 Select a region
- 4 Select a province
- 5 Select a local area
  - Channel search starts.
  - To cancel channel search, tap *Cancel*.
- 6 Tap Next → Enter name

## Watching TV

When channels are set, watching TV, program guide, Data Broadcast, and TV links are available.

### Watching TV

1 (1 + seconds)

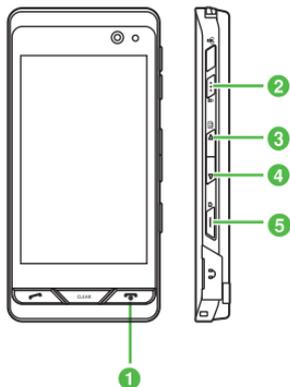
2 Tap Channel field → Select a channel

- To change a channel one by one, tap /
- Alternatively, swipe screen right/left to change channel.

3 To exit TV, → Yes

- To adjust volume while watching TV, press /

## Key Assignments



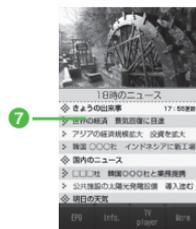
No.	Function
1	Exit TV
2	Lock Touch Panel and button*
3 4	Adjust volume
3 (1 + seconds)	Activate TV
5	Capture still image
5 (1 + seconds)	Record/End recording

\* Watching programs and adjusting volume is available. While recording program, recording continues, but programs cannot be watched.

## TV Window



Portrait/Show 3 to 6  
(With Subtitle)



Portrait/Show  
Data Broadcast



Landscape/Show 3 to 6



Landscape/Hide **3** to **6**

- 1 TV Image
- 2 Subtitle
- 3 Station name/Program name
- 4 Channel
  - When no channel is set, appears.
- 5 Signal strength
- 6 Volume
- 7 Data Broadcast

- To change to Portrait view or Landscape view, hold handset vertically or horizontally.
- Tap Display or press any buttons other than , or , then **3** to **6** appear for a few seconds.
- Data Broadcast is only available in Portrait view.

## G-Guide Mobile (Japanese)

"Gガイドモバイル" (G-GUIDE Mobile) is a convenient application that combines Program guides for the terrestrial analog and digital broadcasting. Search TV programs by genre or keyword and retrieve them anytime and anywhere.

### 1 (1 + seconds) → Tap Program guide

- Alternatively, in TV window, tap EPG to show Program guide.
  - When Program guide is activated for the first time, Initial setting window for *Gガイドモバイル* (G-GUIDE Mobile) appears. Perform initial settings to access Program guide.
- To highlight item in EPG, tap / / / . Then, tap to select the highlighted item.
- Highlight program to watch, tap *TV起動* to show TV window. Also, tapping displays the detailed information of the highlighted program.

## Data Broadcast (Japanese)

In addition to audio/visuals, Data Broadcast is available. Follow onscreen instructions to get program-related information or enjoy interactive TV services.

### 1 While watching TV, / to highlight an item → *Select*

- Internet connection confirmation may appear for Data Broadcast/transmissions from broadcaster. Information is free, however, accessing links/related services incurs Internet connection fees.

#### Note

- No Communication charges apply for receiving Data Broadcast. However, Communication charges apply for using interactive services provided by Data Broadcast or services based on the Internet.

## TV Links

Procedures for saving links vary according to the program. Check information in Data Broadcasts.

### Saving TV Links

- 1 For a program offering Data Broadcast, select a link source

### Opening TV Links

- 1  (1 + seconds) → Tap More → TV links → Select TV links → Yes

### Advanced

#### Advanced Settings P.6-11

- Rejecting a Call while Watching TV
- Viewing Program Information
- Selecting Channels via Thumbnail View
- Updating Channels in the Area
- Renaming Areas
- Deleting Areas
- Resetting All Channel Details
- Viewing Area Details
- Changing Channel Numbers
- Deleting Channel Details
- Viewing Channel Details
- Setting Subtitle Display
- Changing to Data Full Screen View
- Returning to Data Broadcast Top Page
- Viewing TV Links
- Switching to Bluetooth®-Compatible Headset
- Starting Recording While Watching Current Programs
- Capturing Still Image while Watching Programs
- Ending TV Application
- Deleting TV Links
- Viewing TV Link Details

### Settings

- Select Connection Notification Type ( P.14-16)
- Show/Hide Manufacture Number ( P.14-16)
- Delete Station Data ( P.14-16)
- Show/Hide Indicators in Landscape View ( P.14-16)
- Set Whether to Show 4:3 Videos in Landscape View ( P.14-16)
- Set Whether to Show 4:3 Videos in Portrait View ( P.14-16)
- Adjust Display Brightness ( P.14-16)
- Adjust Sound Quality ( P.14-16)
- Select Language ( P.14-16)
- Set Smart Volume Control ( P.14-16)
- Select Output Device ( P.14-16)
- Handle Incoming Calls & Alarms ( P.14-17)
- End TV after Setting Duration ( P.14-17)

## Record/Playback Programs

- Format and insert Memory Card before recording (➡P.12-10).
- Never remove Memory Card while recording. Damage or accidental data loss may result.
- Recording is only available with sufficient remaining memory.
- Recording stops when battery runs low; charge battery while recording.
- Recorded programs cannot be copied/forwarded or attached to S! Mail.
- Handset allows 35 minutes recording to handset and up to 12 hours recording to Memory Card per one program. Note that 12 hours recording requires about 2GB of Memory Card.
- Recording time is approximate 90 minutes with full 256 MB Memory Card.

### Copyrights

This mobile phone encryption technology prevents unauthorized use through data encryption and authentication. Use only ISDB-T Mobile Video Profile (SD-Video standard) compatible device to playback recorded data. Handset divides recorded files based on this standard.

### Note

- Copyright laws limit duplicated material to private use only, and prohibit unauthorized use.
- Recorded content may be lost or damaged accidentally or due to a malfunction. SoftBank Mobile is not liable for any damage resulting from accidental loss/alteration.
- Recorded data cannot be copied to another recordable media, such as other Memory Cards, etc.

## Recording Programs

- 1 In TV window,  (1 + seconds)
  - Recording starts.
- 2 Tap Save or  (1 + seconds) to end recording

- Both TV image and Data Broadcast information (if any) are recorded. Recording without text is also available (➡P.14-16).
- Changing volume, window size, or sound settings does not affect recordings.
- Recorded videos are stored in TV player folder if they are saved on a Memory Card.

### Note

- If Memory/Battery runs low, recording stops (recorded clip is saved).
- When Voice Call request is accepted, recording continues. Confirmation appears for incoming TV Call.
- With movie set for Ringtone, TV recording takes priority over the Movie Ringtone (default Ringtone may sound).

## Capturing Still Image of Current TV Program

- 1 In TV window, 

- Capture still image of currently recording program.

### Note

- Captured images cannot be copied, edited or moved.
- Captured images cannot be saved to Memory Card.
- Subtitles cannot be captured with still images.
- Still images cannot be captured while performing AV output.

## Playing Recorded Programs

### 1 (1 + seconds) → Tap TV player

- Alternatively, in TV window, tap TV player to show TV player.

### 2 Select a file

- Tap  to play a file stored on Memory Card.
- Playing video is resumed from previously stopped point.
- Tap  to pause,  to play.
- Tap  /  to fast forward/rewind. Tap once for x2, twice for x10.
- Tap  to stop fast forwarding/rewinding.
- Tap Stop to stop playing.

- To view detail, perform 1 → Tap Details → Select a file.
- To change the file name, perform 1 → Tap Rename → Select a file to change → Enter a new file name.
- To delete the recorded file, perform 1 → Tap Delete → Check a file to delete → Tap Delete → *Yes*.

## Viewing Captured Images

### 1 Tap Menu → TV → TV image

### 2 Select captured image

- To view detail, perform 1 → Tap Details → Select a file.
- To change the file name, perform 1 → Tap Rename → Select a file to change → Enter a new file name.
- To delete the captured images, perform 1 → Tap Delete → Check a file to delete → Tap Delete → *Yes*.

#### Note

- Captured images cannot be viewed from Data Folder.

#### Advanced

##### Settings

- Set Recording Type ( P.14-16)
- Select Save Location ( P.14-16)

## TV Timer/TV Timer Recording

Save up to five reservations. However, if *Once* is selected under data in **Reservation list**, only TV programs within one week can be recorded/reserved with timer. Set each reservation for up to 35 minutes of recording to handset and 12 hours of recording to Memory Card per one program. Note that 12 hours of recording requires about 2GB of Memory Card.

### Precautions for Timer Recording

- End the current operations.
- Adjust Antenna to gain good TV reception.
- Confirm battery is adequately charged (or record while charging).
- Check there is enough free space on Memory Card.

### Saving Location for Recorded Programs

- If the saving location for recording video is set to Memory Card without Memory Card inserted, they will be saved in handset.
- If there is not enough free space on set saving location (phone or Memory Card), recorded video is saved in the alternative memory (Memory Card or phone).

## Start/End Time

Digital TV receives programs slightly after scheduled start time; recording may start before reserved program.

Recording ends a few seconds after Timer end time.

## Precautions for Timer

- Confirm Key Lock is canceled.
- Confirm *Auto lock* is set to *Off*.

## Via EPG (P.6-6)

Use EPG to Record or view program.

### Note

- If Key Lock is activated, TV program does not start even at the start time. However, recording starts.

## Setting Timer via EPG

**1** Tap Menu → *TV* → *Reservation list*

**2** Tap New → *Via EPG*

- See EPG application's help menu for operational instructions.

## Manual Timer Settings

**1** Tap Menu → *TV* → *Reservation list*

**2** Tap New → *Manual*

**3** Under *Recording, On or Off*

- Set *On* to record, *Off* to watch.

**4** *Date* → *Once* ( → Tap date field → Enter date) / *Everyday* / *Selected days*

- If *Selected days* is selected, select day to reserve.

**5** *Start time* → Enter start time

**6** *End time* → Enter end time

**7** *Channel* → Select a channel

- Tap Manual to enter a channel number.

**8** *Program* → Enter program name

**9** Tap Save

- As the recording/viewer reservation time is neared, Alarm notification time is activated via Display and Alarm.

Exit all active functions; handset returns to Standby.

## Viewing Reservation

**1** Tap Menu → *TV* → *Reservation list*

**2** *Reserve or Result* → Select an item to view

- Switch *Reserve* or *Result* tabs to view reservations before/after start time.

### Advanced

**Advanced Settings** (P.6-13)

- Editing Reservations
- Deleting Reservations
- Viewing Memory Remaining

### Settings

- Set Alarm (P.14-15)
- Set Alert Tone (P.14-15)
- Set Volume (P.14-15)
- Set Vibration (P.14-15)
- Set Notification Light (P.14-16)
- Set Reminder Time (P.14-16)
- Set Alarm Duration (P.14-16)
- Set Alarm Sound/Vibration in Manner Mode (P.14-16)
- Set Save Location (P.14-17)

## Advanced Settings

### Advanced Settings

#### While Watching TV

##### Receiving a Call

 while watching TV

- When the call ends, handset returns to TV window.

##### Rejecting a Call while Watching TV

Tap Reject in Incoming call window

##### Viewing Program Information

In TV window, tap Info.

##### To View Program Details

Select a program

##### To Set Timer Recording

Tap Record → Select a program

- If you select a program that is currently on air, the recording immediately starts.

##### To Set Timer Watching

Tap Program → Select a program

##### To View Reservation List

Tap Reserved list → *Reserve/Result*

##### To View Free Memory Space

Tap Memory remain → *Phone/Memory card*

##### Selecting Channels via Thumbnail View

In TV window, tap More → *Channel preview*  
→ Select a channel

##### Changing Reception Areas

In TV window, tap More → *Set channels* →  
*Change area* → Select an area

##### Setting Reception Areas

In TV window, tap More → *Set channels* →  
*Change area* → Select an available area →  
*Yes* → Select a region → Select a province →  
Select a local area → Tap Next → Enter a name  
→ Tap OK

- Set up to ten areas.

##### Updating Channels in the Area

In TV window, tap More → *Set channels* →  
*Change area* → Tap Update

##### To Update All Channels

*Update all* → Select an area → *Yes*

- Delete saved channel then update starts.

##### To Update Further

*Update further* → Select an area

- Add newly received channel; or overwrite saved channel with same No.

- Alternatively, tap More in TV window → *Set channels* → *Channel switch* → Tap Update → *Update all* or *Update further* → *Yes* as required.

##### Renaming Areas

In TV window, tap More → *Set channels* →  
*Change area* → Tap Rename → Select an area  
→ Enter name → Tap OK

##### Deleting Areas

In TV window, tap More → *Set channels* →  
*Change area* → Tap Delete → Select an area  
→ *Yes*

##### Resetting All Channel Details

In TV window, tap More → *Set channels* →  
*Change area* → Tap More → *Reset* → *Yes*

##### Viewing Area Details

In TV window, tap More → *Set channels* →  
*Change area* → Tap More → *Details* → Select  
an area

##### Switching Channels

In TV window, tap More → *Set channels* →  
*Channel switch* → Select a channel

##### Changing Channel Numbers

In TV window, tap More → *Set channels* →  
*Channel switch* → Tap Move → *OK* → Drag  
channel to desired location → Tap OK

##### Deleting Channel Details

In TV window, tap More → *Set channels*  
→ *Channel switch* → Tap Delete → Check  
channels to delete → Tap Delete → *Yes*

## Viewing Channel Details

In TV window, tap More → **Set channels** → **Channel switch** → Tap Details → Select a channel

## Saving Channel Details

In TV window, tap More → **Set channels** → **Save channel** → Select a channel → **Yes**

## Setting Channel Selection

In TV window, tap More → **Set channels** → **Select setting** → Select an item

## Setting Subtitle Display

In TV window, tap More → **Show subtitle** or **Hide subtitle**

- **Show subtitle** and **Hide subtitle** are TV program dependent features.
- Sometimes subtitle area does not indicate that subtitles are available.

## Changing to Data Full Screen View

In TV window, tap More → **Data view**

- Tap TV for TV image.

## Returning to Data Broadcast Top Page

In TV window, tap More → **Back to top**

## Viewing TV Links

In TV window, tap More → **TV links** → Select target TV link → **Yes**

- Tap TV links to connect to the network.

## Switching to Bluetooth®-Compatible Headset

In TV window, tap More → **Transfer to headset** → Drag device to connect to 

- If **Transfer to headset** is set, volume adjustment on headset is unavailable. Adjust on headset.
- Volume may change depending on volume settings on headphones.
- Only Bluetooth® stereo headphones are compatible with "SCMS-T" the copyright protection standard.
- Playback with monaural headset is unavailable.
- If no device is registered, search and register new device.
- To set headset as sound output device while watching TV, tap More → **Transfer to Phone**.

## Setting Data Broadcast Preference

In TV window, tap More → **Settings** → **Set broadcast data**

### ■ To Set Recording Type

**Set recording** → Select an item

### ■ To Select Save Location

**Image location** → Select an item

### ■ To Select Connection Notification Type

**Notify connection** → Select an item

### ■ To Set Manufacture No. Notification

Under **Manufacture number**, **On** or **Off**

### ■ To Delete Station Data

**Delete station data** → Select  to delete → **Yes**

- To delete all stations, tap **Delete all** → Enter Phone Password → Tap OK → **Yes**.

## Setting Screen

In TV window, tap More → **Settings** → **Display**

### ■ To Set Display Pictogram

Under **Display pict**, **On** or **Off**

### ■ To Set Landscape View

**Landscape style** → Select an item

### ■ To Set Portrait View

**Portrait style** → Select an item

### ■ To Adjust the Screen Brightness

Adjust the screen brightness in the brightness control field

- This setting only appears when the Backlight brightness is set to **Manual**.

## Changing Sound Setting

In TV window, tap More → **Settings** → **Sound**

### ■ To Adjust Sound Quality

**Sound mode** → Select an item

### ■ To Select Language

**Sound language** → Select an item

### ■ To Set Smart Volume Control

Under **Smart volume control**, **On** or **Off**

## Setting the Saving Location for Recorded Files

In TV window, tap More → **Settings** → **Save recording to** → Select an item

## Handling Incoming Calls & Alarms

In TV window, tap More → **Settings** → **Calls & Alarms** → Select an item → Select action

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### Setting Auto Power Off

In TV window, tap More → **Settings** → **Auto power off** → Select an item

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### Starting Recording While Watching Current Programs

In TV window, tap More → **Start recording** → Tap Save

- Alternatively, while recording, tap More in TV window → **Stop recording** → **Yes** to end recording.

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### Capturing Still Image while Watching Programs

In TV window, tap More → **Capture screen**

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### Ending TV Application

In TV window, tap More → **End application**

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### Deleting TV Links

In TV window, tap More → **TV links** → Tap Delete → Check TV link to delete → Tap Delete → **Yes**

- Alternatively, tap Menu → **TV** → **TV links** → Tap Delete → Check TV link to delete → Tap Delete → **Yes**.

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### Viewing TV Link Details

In TV window, tap More → **TV links** → Tap Details → Select a link to view

- Alternatively, tap Menu → **TV** → **TV links** → Tap Details → Select TV link to view detail.

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## TV Timer/TV Timer Recording

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### Daily/Weekly Timer Recording

Tap Menu → **TV** → **Reservation list** → Tap New → **Manual** → **Date** → select **Everyday** or **Selected days**

- If **Selected days** is selected, select a day to set.

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### Entering Program Name

Tap Menu → **TV** → **Reservation list** → Tap New → **Manual** → **Program** → Enter program name

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### Setting TV Alarm

Tap Menu → **TV** → **Settings** → **TV alarm**

#### ■ To Set Alarm

Under **Alarm**, **On** or **Off**

#### ■ To Set Alert Tone

**Alert tone** → Select a save location → Select a file

#### ■ To Set Volume

Adjust volume in Volume field

#### ■ To Set Vibration

**Vibration** → Select an item

#### ■ To Set Light

Under **Light**, **On** or **Off**

#### ■ To Set Reminder Time

**Reminder time** → Select an item

#### ■ To Set Duration

**Duration** → Select an item

#### ■ To Set Manner Mode Setting

**Manner mode setting** → Under **Alarm sound/Vibration**, **On** or **Off**

- Alternatively, in TV window, tap More → **Settings** → **TV alarm**.

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### Editing Reservations

Tap Menu → **TV** → **Reservation list** → Tap Edit → Select a reservation → (P.6-10 Manual Timer Settings ③) → Tap Save

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### Deleting Reservations

Tap Menu → **TV** → **Reservation list** → Tap Delete → Check reservations to delete → Tap Delete → **Yes**

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### Viewing Memory Remaining

Tap Menu → **TV** → **Reservation list** → Tap Memory remain → **Phone/Memory card**

