

# Digital TV

# 6

<b>Enjoy One Seg in Widescreen.....</b>	<b>6-2</b>
One Seg.....	6-2
<b>Digital TV Precautions.....</b>	<b>6-3</b>
Reception.....	6-3
Battery.....	6-3
Charging.....	6-3
<b>Channel Setup (Area Setup) .....</b>	<b>6-3</b>
<b>Watching TV .....</b>	<b>6-4</b>
Watching TV.....	6-4
G-Guide Mobile (Japanese) .....	6-5
Data Broadcast (Japanese) .....	6-5
TV Links.....	6-5
<b>Receiving Call While Watching TV.....</b>	<b>6-6</b>
Receiving Call .....	6-6
Receiving Mail.....	6-6
<b>Record/Playback Programs.....</b>	<b>6-7</b>
Recording Programs .....	6-7
Playing Recorded Programs .....	6-8
<b>TV Timer/TV Timer Recording.....</b>	<b>6-8</b>
Setting Timer via EPG.....	6-8
Manual Timer Settings.....	6-8
Viewing Reservation.....	6-9
<b>Advanced Settings.....</b>	<b>6-9</b>
While Watching TV .....	6-9
TV Timer/TV Timer Recording.....	6-11

## Enjoy One Seg in Widescreen

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.6-3).

### Watching TV



In Standby, press  for 1 + seconds to activate TV (P.6-4).

### Recording/Playing/Reservation



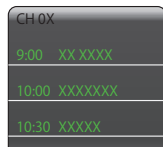
Record and reserve TV programs with TV timer recording. Play recorded programs (P.6-6).

### Downloading Electric Program Guide



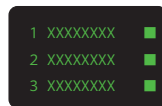
Watch Data Broadcasts to get program-related information (P.6-5).

### Watching Data Broadcasts



Download an electric program guide to find the desired TV program (P.6-5).

### TV Link



Use TV links to participate in programs (P.6-5).

## One Seg

One Seg is a terrestrial digital broadcast service supporting mobile television and Data Broadcasts in Japan. The six megahertz 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/english/(PC))  
[http://www.dpa.or.jp/1seg/k/\(mobile\)](http://www.dpa.or.jp/1seg/k/(mobile)) Japanese

## Digital TV Precautions

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.

## 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 signals are 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 specified Charger only.
- Keep Charger cord away from Antenna; may cause interference.
- Charging takes longer when TV is active.

## Channel Setup (Area Setup)

Handset contains local channel information. Before using TV for the first time, specify your area to tune in 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, select **Cancel**.
- 6  (Next) → Enter name

## Watching TV

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

### Watching TV

#### 1 [TV] (1 + seconds)

#### 2 Select channel

- To change channels one at a time, use [TV].
- Alternatively, in TV window, press [TV] → **Set channels** → **Channel switch** → Select a channel to change channel.

#### 3 To exit TV, [Exit] → Yes

- Alternatively, in TV window, press [TV] → **Exit**.

- To adjust volume while watching TV, press [Volume] / [Mute].

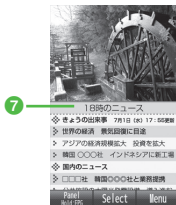
### Key Assignments

Operation	Item
[Volume] / [Mute]	Adjust volume
[Panel]	Show/Hide panel
[Hold:EPG]	View program
[TV]	Show menu
[TV]	Toggle screen
[TV] (for 1 + seconds)	Record/End recording

## TV Window



Portrait/Show (With Subtitle)



Portrait/Show  
Data Broadcast



Landscape/Show



Landscape/Hide

#### 1 TV Image

#### 2 Subtitle

#### 3 Station name/Program name

#### 4 Channel

#### 5 Volume

#### 6 Signal strength

#### 7 Data Broadcast




- 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 terrestrial analog and digital broadcasting. Search TV programs by genre or keyword and retrieve them anytime and anywhere.

### 1 → **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.

- In program guide, use  to highlight program →  (TV 起動) to show TV window. Also press  to show detailed information.

## 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.

### 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.**

### 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.

## 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 → **TV links** → Select TV links → **Yes**

### Advanced

 **Advanced Settings**  P.6-9

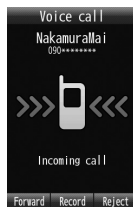
- Viewing Program Information
- Selecting Channels via Thumbnail View
- Changing to Data Fullscreen View
- Setting Subtitle Display
- Deleting TV Links
- Viewing TV Link Details
- Returning to Data Broadcast Top Page
- Starting Recording While Watching Current Programs
- Checking Shortcut Key Assignments


### Settings

- Select Connection Notification Type (P.14-19)
- Show/Hide Manufacture Number (P.14-19)
- Delete Station Data (P.14-19)
- Show/Hide Indicators in Landscape View (P.14-19)
- Set Whether to Show Videos in Landscape View (P.14-19)
- Set Whether to Show Videos in Portrait View (P.14-19)
- Adjust Display Brightness (P.14-19)
- Set View Mode When TV is Activated (P.14-19)
- Adjust Sound Quality (P.14-19)
- Select Language (P.14-19)
- Handle Incoming Calls & Alarms (P.14-20)
- End TV after Setting Duration (P.14-20)
- End TV after Phone Closed (P.14-20)

## Receiving Call While Watching TV

### Receiving Call



Incoming call window appears. Press  to answer a call.

The other party's name/phone number appears during the call. End the call to return to Digital TV.

- To reject call, press  (Reject).

## Receiving Mail



Sender's address, etc. appears at top of Display.

- 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.

## Record/Playback Programs

- Format and insert Memory Card before recording (P.12-8).
- Never remove Memory Card while recording. Damage or accidental data loss may result.
- Recording is only available with sufficient remaining memory and battery.
- Recording stops when battery runs low; charge battery while recording.
- Recorded programs cannot be copied/forwarded or attached to S! Mail.
- Handset allows 72 minutes recording to handset and up to 12 hours recording to Memory Card per one program. Note that recording for 12 hours requires about 2GB of Memory Card.
- Recording time is approximately 90 minutes with a 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 damages 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 (1 + seconds) to end recording


- Both TV image and Data Broadcast information (if any) are recorded. Recording without text is also available (P.14-19).
- Changing volume, window size, or sound settings does not affect recordings.

### 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).




## Playing Recorded Programs

### 1 → *TV player*

- Alternatively, in TV window, press  → *TV player* to show TV player.

### 2 Select a file

- Press  (Memory card) to play a file stored on Memory Card.
- Playback of video is resumed from where previously stopped.
- Press  to pause, press  (Play) to play.
- Use  to fast forward/rewind. Press once for x2, twice for x10.
- Press  (Play) to stop fast forwarding/rewinding.
- Press  (Hold/Stop) (1 + seconds) to stop playing.

- To view detail, perform 1 → Highlight a file →  → *Details*.
- To change the file name, perform 1 → Highlight a file →  → *Rename* → Enter a new file name.
- To delete the recorded file, perform 1 → Highlight a file →  → *Delete* → *Selected* → *Yes*.

## Advanced

### Settings

- Set Recording Type ( P.14-19)
- Select Save Location ( P.14-19)

## TV Timer/TV Timer Recording

Save up to five time slots. However, if *Once* is selected under data in *Date*, only TV programs within one week can be recorded/reserved with timer. Set each time slot for up to 72 minutes of recording to handset and 12 hours of recording to Memory Card per one program. Note that 12 hours of recording requires a 2GB Memory Card.

### Precautions for Timer Recording

- End the current operations.
- Confirm battery is adequately charged (or record while charging).
- Check that 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, it will be saved in handset.
- If there is not enough free space in set saving location (phone or Memory Card), recorded video is saved in an alternative location (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.

### Via EPG ( P.6-5)

Use EPG to Record or view program.

## Setting Timer via EPG

### 1 → *Reservation list*

### 2 (New) → *Via EPG*

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

## Manual Timer Settings

### 1 → *Reservation list*

### 2 (New) → *Manual*

### 3 *Recording* → *On or Off*

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


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

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

### 5 In Start time field, enter start time

### 6 In End time field, enter end time

### 7 *Channel* → Select a channel

- Press  (Manual) to enter a channel number.

### 8 *Program* → Enter program name

### 9 (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 → *Reservation list*

### 2 *Reserve or Result* → **Select an item**










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

## Advanced

### **Advanced Settings** P.6-11

- Editing Reservations
- Viewing Memory Remaining


### **Settings**

- Set Alarm ( P.14-18)
- Set Alert Tone ( P.14-18)
- Set Volume ( P.14-18)
- Set Vibration ( P.14-18)
- Set Notification Light ( P.14-18)
- Set Reminder Time ( P.14-19)
- Set Alarm Duration ( P.14-19)
- Set Alarm Sound/Vibration in Manner Mode ( P.14-19)
- Set Save Location ( P.14-20)

## Advanced Settings

### While Watching TV

#### Viewing Program Information

In TV window,  → *Program info.*

#### ■ To View Program Details


Select a program

#### ■ To Set Timer Recording

Highlight a program →  (Record)

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


#### ■ To Set Timer Watching

Highlight a program →  → *Programming*


#### ■ To View Reservation List

 → *Reservation list*

#### ■ To View Free Memory Space

 → *Memory remaining* → *Phone/Memory card*


#### Editing/Setting Areas

In TV window,  → *Set channels* → *Change area*

#### ■ To Change Reception Areas



Select an area

#### ■ To Set New Area

Select an available area → **Yes** → Select a region  
→ Select a province → Select a local area →   
(Next) → Enter a name

- Set up to ten areas.

#### ■ To Reset Area

Highlight an area →  → *Set area info.* →  
Select area → Select region → Select a province  
→ Select a local area →  (Next) → Enter a  
name

#### ■ To Update Channels in the Area

Highlight an area →  → *Update channels*  
→ *Update all/Update further*

- **Update all** : Delete saved channel then update starts.
- **Update further** : Add newly received channel; or overwrite saved channel with same No.


#### ■ To Rename Areas

Highlight an area →  → *Rename* → Enter  
name


#### ■ To Reset All Channel Details

 → *Reset* → **Yes**

#### ■ To View Area Details

Highlight an area →  → *Details*

#### ■ To Delete Areas

Highlight an area →  → *Delete* → **Yes**

## Editing/Setting Channels

In TV window, → **Set channels** → **Channel switch**

### ■ To Change Channel Numbers

Highlight a channel → → **Move** → to Move cursor to desired location → (OK)

### ■ To Update Channels

→ **Update channels** → **Update all/Update further**

### ■ To View Channel Details

Highlight a channel → → **Details**

### ■ To Delete Channel Details

Highlight a channel → → **Delete** → **Selected** → **Yes**

- To Delete Multiple Channels  
 → **Delete** → **Multiple** → Check channels → (Delete) → **Yes**
- To Delete all Channels  
 → **Delete** → **All** → Enter Phone Password → (OK) → **Yes**

## Saving Channel Details

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

## Setting Channel Selection

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

## Selecting Channels via Thumbnail View

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

## Changing to Data Fullscreen View

In TV window, → **Data view**

- Press (TV) for TV image.

## Setting Subtitle Display

In TV window, → **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.

## Deleting TV Links

In TV window, → **TV links**

### ■ To Delete a TV Link

Highlight TV link → (Delete) → **Selected** → **Yes**

### ■ To Delete Multiple TV Links

(Delete) → **Multiple** → Check TV links → (Delete) → **Yes**

### ■ To Delete All TV Links

(Delete) → **All** → Enter Phone Password → (OK) → **Yes**

- Alternatively, press → **TV links** → → **Delete**.

## Viewing TV Link Details

In TV window, → **TV links** → Highlight a TV link → → **Details**

- Alternatively, press → **TV links** → Highlight a TV link → → **Details**.

## Returning to Data Broadcast Top Page

In TV window, → **Back to top**

## Setting Data Broadcast Preference

In TV window, → **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

**Manufacture number** → **On** or **Off**

### ■ To Delete Station Data

**Delete station data** → Highlight an item → → **Delete** → **Yes**

- To delete all stations, press → **Delete all** → Enter Phone Password → (OK) → **Yes**.

## Setting Screen

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

### ■ To Set Display Pictogram

**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

**Display brightness** → to adjust brightness → (Select)

## ■ To Set Screen When Activating TV

*First view* → Select an item

## Changing Sound Setting

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

## ■ To Adjust Sound Quality

*Sound mode* → Select an item

## ■ To Select Language

*Sound language* → Select an item

## Setting the Saving Location for Recorded Files

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

## Handling Incoming Calls & Alarms

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

## Setting Auto Power Off

In TV window, → **Settings** → **Auto power off**  
→ **Auto power off/Phone closing** → Select an item

## Starting Recording While Watching Current Programs

In TV window, → **Start recording** →  
 (1 + seconds)

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

## Checking Shortcut Key Assignments

In TV window, → **Help**

## TV Timer/TV Timer Recording

### Daily/Weekly Timer Recording

→ **TV** → **Reservation list** → (New) → **Manual** → **Date** → Select **Everyday** or **Selected days**

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

### Entering Program Name

→ **TV** → **Reservation list** → (New) → **Manual** → **Program** → Enter program name

### Setting TV Alarm

→ **TV** → **Settings** → **TV alarm**

## ■ To Set Alarm

*Alarm* → **On** or **Off**

## ■ To Set Alert Tone

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

## ■ To Set Volume

*Volume* → to adjust volume → (Select)

## ■ To Set Vibration

*Vibration* → Select an item

- While selecting a Vibration pattern, press (Play) to check the pattern.

## ■ To Set Light

*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* → **Alarm sound/**

**Vibration** → **On** or **Off**

- Alternatively, in TV window, press → **Settings** → **TV alarm**.

## Editing Reservations

→ **TV** → **Reservation list** → Highlight a reservation → → **Edit** → (P.6-8 Manual Timer Settings 3)

## Viewing Memory Remaining

→ **TV** → **Reservation list** → → **Memory remaining** → **Phone/Memory card**

## Deleting Reservations

→ **TV** → **Reservation list**

## ■ To Delete a Reservation

Highlight a reservation → (Delete) → **Selected** → **Yes**

## ■ To Delete Multiple Reservations

(Delete) → **Multiple** → Check reservations → (Delete) → **Yes**

## ■ To Delete All Reservations

(Delete) → **All** → Enter Phone Password → (OK) → **Yes**

# Memo

A series of horizontal dotted lines for writing.