6

Digital TV

Basics

831SH s supports One Seg terrestrial digital television broadcast services developed for mobile devices in Japan.

Watch Live Television

Set up a channel list for your service area to access available programming.

TV Listing (EPG) & Program Info

Find program channels and times for specified area or open program details via current channel's schedule.

View Data Broadcasts

In addition to audio and visuals, enjoy text, program-related information and interactive services.

Record & Play Back Shows

Record current program on Memory Card for later viewing on handset.
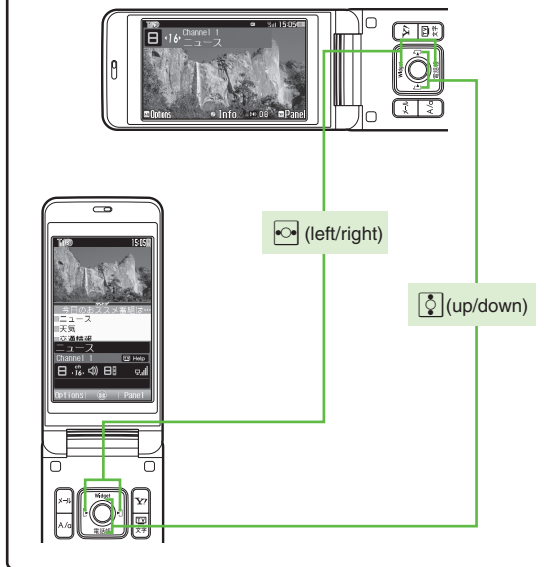
Reserve TV Programs

Record a show or activate TV at a specified time; enter dates & times manually or reference TV Listing electronic program guide.

Landscape Position

Enjoy widescreen TV images in landscape position.

● Use 🎛 according to TV orientation.
(Key assignments change as follows.)


🔘 (left/right)

🔘 (up/down)

Precautions

- 831SH s TV is exclusively for use in Japan.
- Do not use TV while driving or cycling. Accidents may result. Phone use while driving is prohibited by the Road Traffic Law (revised November 1, 2004). When walking, always pay attention to your surroundings, especially near road/rail crossings, etc.
- When using TV while charging battery, separate AC Charger and Antenna to avoid interference.
- Call transmissions, incoming messages or mobile phone use in the immediate vicinity may affect audiovisual quality.
- Programming may not be viewable or record properly when:
  - 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
  - Anywhere a jamming signal is broadcast/reception is unstable

Recording Precautions

- Saved files cannot be forwarded or attached to messages.
- 831SH s encryption technology prevents unauthorized copying or playback of Memory Card files through data encryption and authentication. Files copied from Memory Card to other cards on PC are unplayable.
- Copyright laws limit duplicated material to private use only, and prohibit unauthorized reproduction/other use.
- SoftBank is not liable for any damages resulting from accidental loss or alteration of recorded content.

Digital TV Antenna

TV Antenna is located behind Display. Move handset to find best reception.

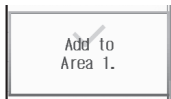Antenna Area

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Digital TV
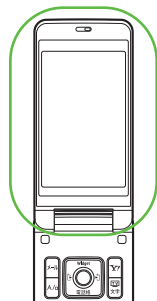
Area Setup

When activating TV for the first time, current area-based channel setup starts.

❶ 🔲

```
Digital          15:05
━━━━━━━━━━━━━━━━
1 Channel 1
2 Channel 2
3 Channel 3
4 Channel 4
5 Channel 5
```

● After setup, channel list appears.

❷ ●

```
Add to
Area 1.
```

● Confirmation disappears and TV activates.

Manual Area Setup
🔲 ➡ ➡ *Set Channels* ➡ ● ➡
Area Setting ➡ ● ➡ Select region
➡ ● ➡ Select prefecture ➡ ● ➡
Select locality ➡ ● ➡ ●

Adding Reception Areas
🔲 ➡ ➡ *Set Channels* ➡ ● ➡
Change Area ➡ ● ➡ Select Area ➡
➡ *Set Area Info* ➡ ● ➡ Select
region ➡ ● ➡ Select prefecture ➡
● ➡ Select locality ➡ ● ➡ ●

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Digital TV

Advanced

 ●Switching reception Areas ●Renaming Areas ●Changing/disabling 🔲 function ●Editing channels ●Deleting all channels in Area ●Adding new channels to Area ●Updating all channels in the Area (**P.6-11**)

Watching TV

Complete Area setup first.

1
📺

TV Window

2 Use Keypad to select a channel

- Use 🔄 to switch channels one by one; Long Press to find channel with stable signal automatically.

3
🔲 ➡ *Yes* ➡ ● ➡ TV ends

Changing Display Size/TV Orientation [TV Window] (マナー)

- Press repeatedly to toggle view between Full Screen, Normal (Portrait), Enlarge (Portrait) and Normal (Landscape).
- In portrait position, Data Broadcast text appears below TV image.

Incoming Calls

- Press 🔲 to answer calls.
- When S! Circle Talk request arrives, press 🔘 to start S! Circle Talk.

Incoming Messages

- Double beep sounds and New Message notice appears. Long Press 🔘 to open messages.

Key Assignments

Open Options Menu	🔘
Toggle Panel On/Off	🔘
Activate TV/Open Help	📺
Volume Control	◀▶
Toggle Display Size	マナー

Panel Description

1	Channel key	**5**	Signal strength*
2	Channel	**6**	Sound Channel
3	Program name	**7**	Volume
4	Station name		

*The more bars the better.
Indicator position varies with display content, etc.

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Digital TV

Advanced

✍ ●Viewing key assignments ●Searching for current program on the Internet ●Saving current channel ●Adjusting brightness ●Changing panel pattern ●Customizing viewing options for landscape position (And more on **P.6-11** - **6-12**)

Data Broadcast (Japanese)

In portrait position, Data Broadcast text appears below TV image. Use 🔅 to select an item and press ● to access program-related information and interactive services.

TV Image
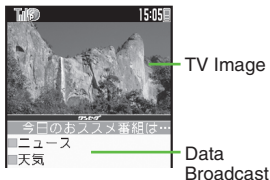
Data Broadcast Window

Data Broadcast

Data Broadcast Fees
- Data Broadcast information viewing is free, however, using data links/related services incurs Internet connection fees.
- A confirmation appears the first time a fee-based Network connection is established from a channel; if accepted, further Network connections are established without confirmation until the channel is changed.

Enlarging Specific Image Portion

In landscape position, temporarily enlarge a portion of widescreen image.
May be unavailable depending on viewing style.

1 In TV window, 1ᵃ - 9ᵂˣʸᶻ (Long)

- Key Assignments:

3ᵈᵉᶠ	6ᵐⁿᵒ	9ᵂˣʸᶻ
Upper left	Upper center	Upper right
2ᵃᵇᶜ Left	5ʲᵏˡ Center	8ᵗᵘᵛ Right
1ᵃ	4ᵍʰⁱ	7ᵖ�qʳˢ
Lower left	Lower center	Lower right

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Digital TV

Advanced

●Changing display view ●Returning to initial window ●Deleting information saved from Data Broadcasts ●Hiding Network connection confirmation ●Sending/hiding Location Information ●Sending manufacture number and other information (**P.6-12**)

6-6

Obtaining Program Information

Find program channels and times, or open program details via current channel's schedule.

TV Listing	Start EPG S! Application to find program channels and times for specified area
Program Info	Open program details via current channel's schedule; set Reservations to record shows or activate TV

TV Listing (Japanese)

1. **In TV window, ☷ (Long)**
   - EPG application starts; refer to the application's help menu for operational instructions.
   - When using EPG application for the first time, a confirmation appears. Follow onscreen instructions.

Program Info

1. **In TV window, ⌨ ➡ *OperateProgram* ➡ ●**

2. **Program Info. ➡ ●**

   Program Info Window

3. **Select program ➡ ●**
   - To return, press ⏎ twice.

Setting Recording Timer via Program Info
[Program Info Window] Select program ➡ ☷ ➡ ●
- Timer entries set via Program Info are updated with program changes automatically. Program cancellations cancel corresponding Timer entries. (Poor signal conditions may inhibit updates or cancellations.)

Setting TV Timer via Program Info
[Program Info Window] Select program ➡ ⌨ ➡ *Programming* ➡ ●

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Digital TV

6-7

Recording Programs

Record current program on Memory Card.

1 In TV window, ● **(Long)** ➔ **Recording starts**

Recording Window

- Changing volume, etc. does not affect recordings.
- When Small Light flashes yellow, reception is poor; change location to where Small Light illuminates green.

2 ● **(Long)** ➔ **Recording ends**

Recording Programs in Portrait Position [TV Window] ▬ **(Long)**
■ To end, Long Press ▬ while recording.

Memory/Battery Runs Low or Video Call/S! Circle Talk Request is Accepted
● Recording stops. (Recorded clip is saved.)

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Digital TV

Advanced

🔲 ●Recording programs without Data Broadcasts●Saving Data Broadcasts to Memory Card (**P.6-14**)

Playing Recorded Programs

1 In TV window, [⚹] ➡ *TV Player* ➡ [●]

Video List

- 🚫 indicates the file is unplayable.

2 Select file ➡ [●]

Playback Window

- Playback starts. (The last played file plays from where it stopped.)

3 [ʸ] **(Long)** ➡ **Playback stops**

Playback Operations

Adjust volume or temporarily enlarge a portion of widescreen image following the same operations used while watching TV.

Fast Forward	◎¹
Rewind	◎¹, ²
Skip Forward	#ᵥⱼ
Skip Backward	⁕ᵢₘ
Pause³	● (ʸ in portrait position)
Split File	🔲 (Long)
Set Marker	🔲
Toggle Panel On/Off	📖 (Long)

¹Each press increases speed. To resume normal playback, press ● (ʸ in portrait position).
²Long Press to replay. (Available when no Marker is saved.)
³In pause, use ◎ to reverse/advance frame.

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Digital TV

Advanced

👆 ●Splitting files by specifying a time point ●Playing files repeatedly ●Playing split files ●Checking memory status ●Renaming files ●Deleting files ●Opening file properties ●Playing files with Markers (And more on **P.6-14**)

6-9

TV Timer & TV Recording Timer

1 In TV window, ⊠ ➡ *Rec. Operation* ➡ ● ➡ *Reservation* ➡ ●

2 ⊠ ➡ *New Entry* ➡ ●

```
    New Entry
From TV Listing
Manual          ))
```
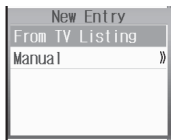
3 *Manual* ➡ ● ➡ *Programming* or *Recording* ➡ ●

```
Ti❚          15:05
       Start

20XX ▲ XX ▲ XX ▲
2̲0XX / XX / XX
20XX ▼ XX ▼ XX ▼
```
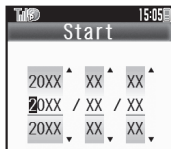
4 Enter start date/time ➡ ● ➡ Enter end date/time ➡ ●

5 *Channel:* ➡ ● ➡ Select channel ➡ ● ➡ ⌦
  ● If a confirmation appears, read the message and press ●.

Setting Timer via EPG
  In **3**, *From TV Listing* ➡ ●
  ■ Refer to the application's help menu for operational instructions.

Timer Recording Precautions

Confirm target channel reception; keep handset open.
  ■ Insert a Memory Card.
  ■ End the current operations.
  ■ Confirm battery is adequately charged and there is enough free memory.

At Timer Time (TV Alarm Time)

TV and Alarm activate. Alarm ends after the set duration.

```
  Reservation time
   for watching TV
  will come soon.
```

Recording starts slightly before the Timer start time and ends a few seconds after the Timer end time.

While Using Another Function
  ● TV activates via Multi Job and target program/recording starts. However, if Multi Job cannot activate in the current state, TV remains off, or the current function ends automatically (unsaved images, messages, Phone Book entries, etc. may be deleted). End all active functions/applications before Timer time.

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Digital TV

Area & Channel	
Switching reception Areas	While watching TV, A ➡ *Set Channels* ➡ ● ➡ *Change Area* ➡ ● ➡ Select Area ➡ ●
Renaming Areas	While watching TV, A ➡ *Set Channels* ➡ ● ➡ *Change Area* ➡ ● ➡ Select Area ➡ A ➡ *Change Area Name* ➡ ● ➡ Enter name ➡ ●
Changing/disabling ⊡ function	Start Here While watching TV, A ➡ *Set Channels* ➡ ● ➡ *CH Key Setting* ➡ ● ➡ See below **Toggling All Receivable Channels** *By Manual* ➡ ● **Disabling** *Disable* ➡ ●
Editing channels	Start Here While watching TV, A ➡ *Set Channels* ➡ ● ➡ *CH Switch* ➡ ● ➡ Select channel ➡ A ➡ See below **Switching Channel Positions** *Flip* ➡ ● ➡ Select target key ➡ ● **Deleting Channels** *Delete* ➡ ● ➡ *Yes* ➡ ●
Deleting all channels in Area	While watching TV, A ➡ *Set Channels* ➡ ● ➡ *Change Area* ➡ ● ➡ Select Area ➡ A ➡ *Reset Settings* ➡ ● ➡ *Yes* ➡ ●
Adding new channels to Area	While watching TV, A ➡ *Set Channels* ➡ ● ➡ *Change Area* ➡ ● ➡ Select Area ➡ A ➡ *Channel Update* ➡ ● ➡ *Update Further* ➡ ●
Updating all channels in the Area	While watching TV, A ➡ *Set Channels* ➡ ● ➡ *Change Area* ➡ ● ➡ Select Area ➡ A ➡ *Channel Update* ➡ ● ➡ *Update All* ➡ ● ➡ *Yes* ➡ ●

Watching	
Viewing key assignments	While watching TV, ▤ ● Also available while recording or playing programs.
Searching for current program on the Internet	While watching TV, A ➡ *OperateProgram* ➡ ● ➡ *Program Info. Search* ➡ ● ➡ *Search* ➡ ● ● Follow onscreen instructions.
Saving current channel	While watching TV, A ➡ *Set Channels* ➡ ● ➡ *Save Channel* ➡ ● ➡ Select key ➡ ● ● To overwrite a saved channel, choose *Yes* and press ●.
Adjusting brightness	While watching TV, A ➡ *AV Settings* ➡ ● ➡ *Set Brightness* ➡ ● ➡ Adjust level ➡ ●
Selecting sound option	While watching TV, A ➡ *AV Settings* ➡ ● ➡ *Tone* ➡ ● ➡ Select option ➡ ●
Changing panel pattern	While watching TV in portrait position, A ➡ *Advanced* ➡ ● ➡ *Panel Type* ➡ ● ➡ Select pattern ➡ ●
Customizing viewing options for landscape position	Start Here While watching TV in landscape position, A ➡ *Advanced* ➡ ● ➡ *Set Landscape* ➡ ● ➡ See below **Showing Indicators Always** *Display Icon* ➡ ● ➡ *On* ➡ ● **Disabling Partial Image Enlargement** *Magnify Area* ➡ ● ➡ *Off* ➡ ● **Using Portrait Position Key Assignments** *Key Direction* ➡ ● ➡ *Off* ➡ ●

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Digital TV

Switching One Seg service	**While watching TV,** ⊡ ➡ *Set Channels* ➡ ● ➡ *Select Serv. Sta.* ➡ ● ➡ **Select service** ➡ ● ● Available for programs with multiple services.
Listening to audio from Speaker	**While watching TV,** ⊡ ➡ *Advanced* ➡ ● ➡ *Sound Output* ➡ ● ➡ *Loudspeaker* ➡ ●
Setting TV to end automatically after a period of time	**While watching TV,** ⊡ ➡ *Advanced* ➡ ● ➡ *Auto Exit* ➡ ● ➡ *Auto Exit Time* ➡ ● ➡ **Select time** ➡ ●
Disabling auto shut-off when handset is closed	**While watching TV,** ⊡ ➡ *Advanced* ➡ ● ➡ *Auto Exit* ➡ ● ➡ *Close Action* ➡ ● ➡ *Watch TV* ➡ ●
Changing handset responses to incoming transmissions	**Start Here** ● ➡ *TV* ➡ ● ➡ *Settings* ➡ ● ➡ *Calls & Alarms* ➡ ● ➡ **See below** **Showing Alarm Notice** *Alarm* ➡ ● ➡ *Alarm Notice* ➡ ● **Showing Calls or S! Circle Talk Requests** **Select item** ➡ ● ➡ *Notice a Call* ➡ ● **Showing New Message Window** *Incoming Message* ➡ ● ➡ *Calls&Alarms* ➡ ●

Data Broadcast

Changing display view	**While viewing Data Broadcast in portrait position,** ⊡ ➡ *Set BroadcastData* ➡ ● ➡ *Change View(Data)* ➡ ● ● To return to TV window, press ⊡.
Returning to initial window	**While viewing Data Broadcast in portrait position,** ⊡ ➡ *Set BroadcastData* ➡ ● ➡ *Back to Top* ➡ ●
Deleting information saved from Data Broadcasts	**Start Here** **While watching TV,** ⊡ ➡ *Set BroadcastData* ➡ ● ➡ *Del. Sta. Data* ➡ ● ➡ **See below** **Deleting by Station** **Select station** ➡ ⊡ ➡ *Delete* ➡ ● ➡ *Yes* ➡ ● **Deleting All** ⊡ ➡ *Delete All* ➡ ● ➡ **Enter Handset Code** ➡ ● ➡ *Yes* ➡ ●
Hiding Network connection confirmation	**While watching TV,** ⊡ ➡ *Set BroadcastData* ➡ ● ➡ *Notify Connection* ➡ ● ➡ *Off* ➡ ●
Sending/hiding Location Information	**Start Here** **While watching TV,** ⊡ ➡ *Set BroadcastData* ➡ ● ➡ *Location* ➡ ● ➡ **See below** **Sending Always** *On* ➡ ● **Hiding Always** *Off* ➡ ●
Sending manufacture number and other information	**While watching TV,** ⊡ ➡ *Set BroadcastData* ➡ ● ➡ *Manufacture No.* ➡ ● ➡ *On* ➡ ●

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TV Link (Japanese)

Saving links to Data Broadcasts or related information	**While viewing Data Broadcast, select link source ➜ ●** ● Link navigation varies by program. Follow onscreen instructions to save links.
Using TV links	**Start Here ● ➜ *TV* ➜ ● ➜ *TV Link* ➜ ● ➜ See below** **Opening TV Links** **Select link ➜ ●** ● Connection fees may apply. **Opening Properties** **Select link ➜ ⊡ ➜ *Details* ➜ ●**
Deleting TV links	**Start Here ● ➜ *TV* ➜ ● ➜ *TV Link* ➜ ● ➜ See below** **One Entry** **Select link ➜ ⊡ ➜ *Delete* ➜ ● ➜ *Yes* ➜ ●** **All Entries** **⊡ ➜ *Delete All* ➜ ● ➜ Enter Handset Code ➜ ● ➜ *Yes* ➜ ●**

Subtitle & Sound

Changing subtitle settings	**Start Here While watching TV, ⊡ ➜ *Subtitle/ Sound* ➜ ● ➜ See below** ● May be unavailable depending on program content or viewing style (TV orientation, etc.). **Showing Subtitles Always** ***Display Subtitle* ➜ ● ➜ *On* ➜ ●** **Hiding Subtitles Always** ***Display Subtitle* ➜ ● ➜ *Off* ➜ ●** **Changing Subtitle Language** ***Subtitle Language* ➜ ● ➜ *Language 2* ➜ ●** **Showing Subtitle Area Always** ***Auto Subtitle Off* ➜ ● ➜ *Off* ➜ ●** **Showing Subtitles at the Top** ***Subtitle Position* ➜ ● ➜ *Upper* ➜ ●**
Changing sound settings	**Start Here While watching TV, ⊡ ➜ *Subtitle/ Sound* ➜ ● ➜ See below** **Selecting Sound Option** ***Sound Type* ➜ ● ➜ *Sound2* ➜ ●** ● Available when multiple sounds are supported. **Listening to Sub Language** ***Sound Channel* ➜ ● ➜ *Sub* ➜ ●** **Listening to Main & Sub Languages** ***Sound Channel* ➜ ● ➜ *Main + Sub* ➜ ●**

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Digital TV

Recording

Recording programs without Data Broadcasts	While watching TV, ⊞ ➡ *Set BroadcastData* ➡ ● ➡ *Set Recording* ➡ ● ➡ *Image Only* ➡ ●
Saving Data Broadcasts to Memory Card	While watching TV, ⊞ ➡ *Set BroadcastData* ➡ ● ➡ *Image Location* ➡ ● ➡ *Memory Card* ➡ ●

Recorded Programs

■ Playback

Splitting files by specifying a time point	During playback, ⊞ ➡ *Split File* ➡ ● ➡ *Select Point* ➡ ● ➡ ◌ Specify point ➡ ● ➡ *Confirm* ➡ ●
Playing files repeatedly	● ➡ *TV* ➡ ● ➡ *TV Player* ➡ ● ➡ ⊞ ➡ *Playback Pattern* ➡ ● ➡ *Repeat* ➡ ●
Playing split files	● ➡ *TV* ➡ ● ➡ *TV Player* ➡ ● ➡ Select split file ➡ ⊠ ➡ Select file ➡ ●

■ Managing

Checking memory status	● ➡ *TV* ➡ ● ➡ *TV Player* ➡ ● ➡ ⊞ ➡ *Memory Remaining* ➡ ●
Renaming files	● ➡ *TV* ➡ ● ➡ *TV Player* ➡ ● ➡ Select file ➡ ⊞ ➡ *Rename* ➡ ● ➡ Enter name ➡ ●

Deleting files	[Start Here] ● ➡ *TV* ➡ ● ➡ *TV Player* ➡ ● ➡ **See below**
	Single Files Select file ➡ ⊞ ➡ *Delete* ➡ ● ➡ *Yes* ➡ ●
	All Files ⊞ ➡ *Delete All* ➡ ● ➡ Enter Handset Code ➡ ● ➡ *Yes* ➡ ●
Opening file properties	● ➡ *TV* ➡ ● ➡ *TV Player* ➡ ● ➡ Select file ➡ ⊞ ➡ *Details* ➡ ●

Markers

Playing files with Markers	[Start Here] **During playback** ➡ **See below**
	Skipping between Markers ◌ (Long) or ◌ (Long)
	Moving to Specific Markers 0 - 9
Using Marker List	[Start Here] **During playback,** ⊞ ➡ *Set Maker* ➡ ● ➡ *Marker List* ➡ ● ➡ **See below**
	Starting Playback Select number ➡ ●
	Deleting a Marker Select number ➡ ⊞ ➡ *Delete* ➡ ●
	Deleting All Markers ⊞ ➡ *Delete All* ➡ ● ➡ *Yes* ➡ ●

TV Timer/TV Recording Timer

Opening/editing/ deleting Timer details	**Start Here** While watching TV, 🔄 ➡ *Rec. Operation* ➡ ● ➡ *Reservation* ➡ ● ➡ See below
	Opening Entries Select entry ➡ ●
	Editing Entries Select entry ➡ 🔄 ➡ *Edit* ➡ ● ➡ Edit ➡ 🔄 • Some entries may not be edited depending on the content.
	Deleting Entries Select entry ➡ 🔄 ➡ *Delete* ➡ ● ➡ *Yes* ➡ ●
Opening/deleting Timer log	**Start Here** While watching TV, 🔄 ➡ *Rec. Operation* ➡ ● ➡ *Reservation* ➡ ● ➡ 🔄 ➡ See below
	Opening Timer Log Select record ➡ ●
	Playing Recorded Programs Select record ➡ 🔄
	Deleting Records Select record ➡ 🔄 ➡ *Yes* ➡ ●
Customizing TV Alarm settings	**Start Here** While watching TV, 🔄 ➡ *Advanced* ➡ ● ➡ *TV Alarm* ➡ ● ➡ See below
	Changing TV Alarm Time *Alarm Time* ➡ ● ➡ Select time ➡ ●
	Disabling Tone/Vibration/Small Light *Tone*, *Vibration* or *Light* ➡ ● ➡ *Off* ➡ ●
	Changing Duration *Duration* ➡ ● ➡ Select time ➡ ●
Prioritizing current operation over TV Timer/TV Recording Timer	● ➡ *TV* ➡ ● ➡ *Settings* ➡ ● ➡ *Reserve Prior* ➡ ● ➡ *Off* ➡ ●

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Digital TV

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Digital TV

Watching

? TV won't activate

- Battery may be low. Charge battery or install a charged battery.

? Cannot watch TV

- Reception may be poor; change location to improve it. (TV signal strength is independent of handset signal strength.)
- Handset may not have been used for a period of time; retrieve Network Information.
- TV is disabled upon subscription termination.

? Area setup does not complete correctly

- Perform *Update All* in Channel Update. Area setup may not complete correctly depending on the area or service availability.

Recording

? Ringtone does not sound as set while recording

- When a Chaku-Uta® file, etc. is set as ringtone, default ringtone may sound for incoming transmissions while recording.

TV Recording Timer

? *Could not start recording.* appeared as recording result

- Recording failed due to low battery/ memory, active function, etc.

? *Recording aborted.* appeared as recording result

- Recording was interrupted due to low memory, Memory Card removal, etc.