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# 6

## Digital TV



## Basics

831SH 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

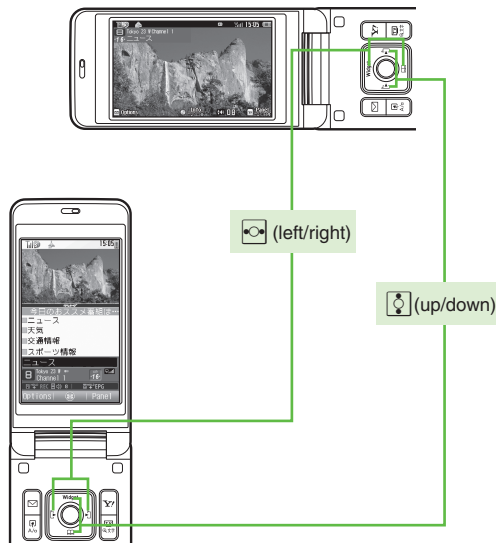
Record a show or activate TV at a specified time; enter dates & times manually or reference TV Listing electronic program guide.

## Landscape Position

Enjoy widescreen TV images in landscape position.

- Use  according to TV orientation.

(Key assignments change as follows.)



## Precautions

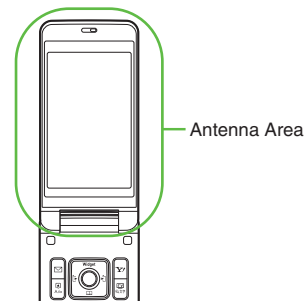
- 831SH TV is exclusively for use in Japan.
- Do not use TV while driving or cycling. Accidents may result. Phone use while driving is prohibited by the Road Traffic Law (revised November 1, 2004). When walking, always pay attention to your surroundings, especially near road/rail crossings, etc.
- When 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 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

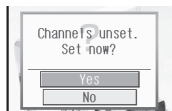
TV Antenna is located behind Display. Move handset to find best reception.



## Area Setup

When activating TV for the first time, follow these steps to set up channels by area:



1 



• Setup confirmation appears.

2 Yes  



3 Select region  


4 Select prefecture     
Select locality  




• After setup, channel list appears.

5 










• To watch TV, select **Digital TV** and press .







### Watching TV without Completing Area Setup

In , **Other Region**  










### Adding Reception Areas

    **Set Channels**   

**Change Area**    **Select Area** 

  **Set Area Info**    **From** 

### 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]

- 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/Change Area	
Volume Control	
Toggle Display Size	

### Panel Description



1 Area name	5 Station name
2 Channel key	6 Signal strength*
3 Channel	7 Sound Channel
4 Program name	8 Volume



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

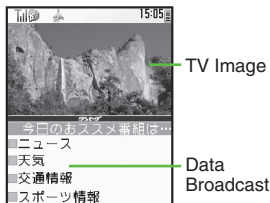
### Advanced

-  Viewing key assignments
-  Searching 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.



Data Broadcast Window

### 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, - (Long)



#### • Key Assignments:

		
Upper left	Upper center	Upper right
		
Left	Center	Right
		
Lower left	Lower center	Lower right

## 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)



## Obtaining Program Information

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

<b>TV Listing</b>	Start EPG S! Application to find program channels and times for specified area
<b>Program Info</b>	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* ➔



## Recording Programs

Record current program on Memory Card.  
When Small Light flashes yellow, reception is poor; change location to where Small Light illuminates green.

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



Recording Window

- Changing volume, etc. does not affect recordings.

**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.)

### 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 (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	 <sup>1</sup>
Rewind	 <sup>1, 2</sup>
Skip Forward	
Skip Backward	
Pause <sup>3</sup>	 (  in portrait position)
Split File	 (Long)
Set Marker	
Toggle Panel On/Off	

<sup>1</sup>Each press increases speed. To resume normal playback, press  ( in portrait position).

<sup>2</sup>Long Press to replay. (Available when no Marker is saved.)

<sup>3</sup>In pause, use  to reverse/advance frame.

#### Advanced

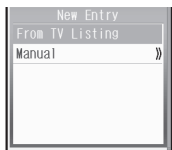
-  ● Splitting files by specifying a time point
- Playing files repeatedly
- Playing split files
- Checking memory status
- Renaming files
- Deleting files
- Opening file properties
- Playing files with Markers (And more on P.6-14)



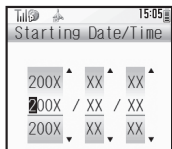
## TV Timer & TV Recording Timer

**1** In TV window, → **Rec. Operation** → → **Reservation List** →

**2** → **New Entry** →



**3** **Manual** → → **Programming or Recording** →



**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

After , **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.



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.

### Advanced

- Opening/editing/deleting Timer details
- Opening/deleting Timer log
- Customizing TV Alarm settings
- Prioritizing current operation over TV Timer/TV Recording Timer (P.6-15)




















Area & Channel	
Switching reception Areas	While watching TV,
Renaming Areas	While watching TV,
Changing/disabling  function	While watching TV,
	<b>Toggle All Receivable Channels By Manual</b>
Editing channels	While watching TV,
	<b>Switching Channel Positions Flip</b>
Deleting all channels in Area	<b>Deleting Channels Delete</b>
	While watching TV,
Adding new channels to Area	While watching TV,
Updating all channels in the Area	While watching TV,

Watching	
Viewing key assignments	While watching TV,
Searching current program on the Internet	While watching TV,
Saving current channel	While watching TV,
Adjusting brightness	While watching TV,
Selecting sound option	While watching TV,
Changing panel pattern	While watching TV in portrait position,
Customizing viewing options for landscape position	While watching TV in landscape position,
	<b>Showing Indicators Always Display Icon</b>
	<b>Disabling Partial Image Enlargement Enlarge Point</b>
	<b>Using Portrait Position Key Assignments Key Direction</b>





## TV Link (Japanese)

Saving links to Data Broadcasts or related information	<p>While viewing Data Broadcast, select link source </p> <ul style="list-style-type: none"> <li>Link navigation varies by program. Follow onscreen instructions to save links.</li> </ul>
Using TV links	<p>                 </p>

## Recording

Recording programs without Data Broadcasts	While watching TV,  → <i>Set Broadcast Data</i> →  → <i>Set Recording</i> →  → <i>Image Only</i> →
Saving Data Broadcasts to Memory Card	While watching TV,  → <i>Set Broadcast Data</i> →  → <i>Image Location</i> →  → <i>Memory Card</i> →

## Recorded Programs

## ■ Playback

Splitting files by specifying a time point	During playback,  → <i>Split File</i> →  → <i>Select Point</i> →  →  Specify point →  → <i>Confirm</i> →
Playing files repeatedly	→ <i>TV</i> →  → <i>TV Player</i> →  →  → <i>Playback Pattern</i> →  → <i>Repeat</i> →
Playing split files	→ <i>TV</i> →  → <i>TV Player</i> →  → <i>Select split file</i> →  → <i>Select file</i> →

## ■ Managing

Checking memory status	→ <i>TV</i> →  → <i>TV Player</i> →  →  → <i>Memory Remaining</i> →
Renaming files	→ <i>TV</i> →  → <i>TV Player</i> →  → <i>Select file</i> →  → <i>Rename</i> →  → <i>Enter name</i> →

## 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

-

## Using Marker List

[Start Here] During playback, → *Set Marker* → → *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	<p><b>Start Here</b> While watching TV,  ➔ <i>Rec. Operation</i> ➔  ➔ <i>Reservation List</i> ➔  ➔ See below</p> <p><b>Opening Entries</b> Select entry ➔ </p> <hr/> <p><b>Editing Entries</b> Select entry ➔  ➔ <i>Edit</i> ➔  ➔ <i>Edit</i> ➔ </p> <ul style="list-style-type: none"> <li>Some entries may not be edited depending on the content.</li> </ul> <hr/> <p><b>Deleting Entries</b> Select entry ➔  ➔ <i>Delete</i> ➔  ➔ <i>Yes</i> ➔ </p>
Opening/deleting Timer log	<p><b>Start Here</b> While watching TV,  ➔ <i>Rec. Operation</i> ➔  ➔ <i>Reservation List</i> ➔  ➔  ➔ See below</p> <p><b>Opening Timer Log</b> Select record ➔ </p> <hr/> <p><b>Playing Recorded Programs</b> Select record ➔ </p> <hr/> <p><b>Deleting Records</b> Select record ➔  ➔ <i>Yes</i> ➔ </p>
Customizing TV Alarm settings	<p><b>Start Here</b> While watching TV,  ➔ <i>Advanced</i> ➔  ➔ <i>TV Alarm</i> ➔  ➔ See below</p> <p><b>Changing TV Alarm Time</b> <i>Alarm Time</i> ➔  ➔ Select time ➔ </p> <hr/> <p><b>Disabling Tone/Vibration/Small Light</b> <i>Tone, Vibration or Light</i> ➔  ➔ <i>Off</i> ➔ </p> <hr/> <p><b>Changing Duration</b> <i>Duration</i> ➔  ➔ Select time ➔ </p>
Prioritizing current operation over TV Timer/TV Recording Timer	<p> ➔ <i>TV</i> ➔  ➔ <i>Settings</i> ➔  ➔ <i>TV Reserve Prior</i> ➔  ➔ <i>Off</i> ➔ </p>



## 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<sup>®</sup> 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.

