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Digital TV

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Basics

943SH 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. Capture screenshots while watching TV.

Multi Job

Watch TV in one half of Display using the other to access messaging functions, browse the Internet or open Phone Book, etc.

TV Listing (EPG) & Program Info

Find program channels and times, open program details via current channel's schedule, or check other programs in the same time slot.

View Data Broadcasts

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

Record Shows/Time Shift

Record current program for later viewing; if interrupted by incoming calls while watching TV, record it temporarily for delayed playback.

Reserve TV Programs

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

Portrait & Cycloid Positions

View programs and Data Broadcast in portrait position, or rotate Display to Cycloid position to watch TV in widescreen.

Dual One Seg Tuner for Simultaneous Viewing & Recording

Watch one program in half of Display while another appears in the other half; record both programs simultaneously. Press a key to switch positions for audio. Search other programs in the same time slot easily via program listing.

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Important Digital TV Usage Notes

- 943SH 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.
- Programs 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.
- 943SH 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 Mobile is not liable for any damages resulting from accidental loss or alteration of recorded content.

Digital TV Antenna

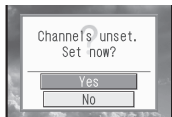TV Antenna is located behind Display. Move handset to find best reception.
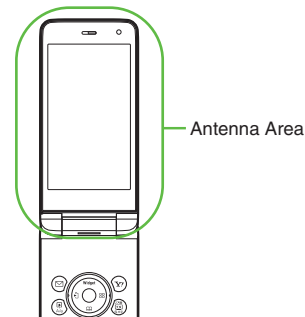
Antenna Area
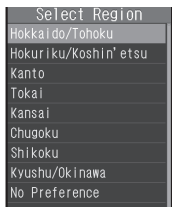
Use optional TV Antenna Connection Cable as needed.

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Area Setup

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

❶ 📺

Channels unset.
Set now?

Yes
No

● Setup confirmation appears.

❷ *Yes* ➔ ●

Select Region
Hokkaido/Tohoku
Hokuriku/Koshin'etsu
Kanto
Tokai
Kansai
Chugoku
Shikoku
Kyushu/Okinawa
No Preference

❸ Select region ➔ ●

❹ Select prefecture ➔ ● ➔
Select locality ➔ ●

Tokyo
Tokyo 23 Wards
set.

● After setup, channel list appears.

❺ ●

Saved Tokyo 23
Wards in Area 1.

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

Watching TV without Completing Area Setup
In **❸**, *No Preference* ➔ ●
Adding Reception Areas
🕮 ➔ ✉ ➔ *Set Channels* ➔ ● ➔
Change Area ➔ ● ➔ Select Area ➔
✉ ➔ *Set Area Info* ➔ ● ➔ From **❸**

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.7-13**)

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Watching TV

First, complete Area setup (**P.7-4**).

1 Rotate Display

TV Window

- When rotating Display for the first time, Landscape menu opens; select *Activate Digital TV* and press ● to complete setup.
- Press 🔘 to activate TV in portrait position; Data Broadcast appears below TV image.

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

Incoming Calls
- Press ☎ to answer calls.

When Answering Voice Calls with Memory Card Inserted
- Current program is temporarily recorded; start playback after the call. (Time Shift)

Incoming Messages
- Double beep sounds and New Message notice appears. Long Press ✉ to access messages.

Key Assignments

Open Options Menu	✉
Toggle Panel On/Off	⅄
Start/End Two Screen	🔘
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 size.

Advanced

_✋ ●Opening Help ●Searching for current program on the Internet ●Enlarging display size for portrait position ●Canceling image smoothing ●Saving current channel ●Selecting an audiovisual mode (And more on **P.7-13**)
●Adjusting current AV Mode parameters ●Changing panel pattern ●Customizing viewing options for Cycloid position (And more on **P.7-14**)

Data Broadcast (Japanese)

In portrait position, Data Broadcast appears below TV image. Use ⓙ to select an item and press ● to access program-related information and interactive services.
Not available while Two Screen is active.

TV Image

Data Broadcast

今日のおススメ番組は…
■ニュース
■天気
■交通情報
■スポーツ情報
■今日のエンタメ
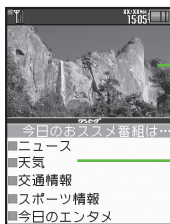
Data Broadcast Window

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.

Still Image Capture

Capture screenshots while watching TV.
- May be unavailable if TV was activated by TV Timer, etc.
- Saved images cannot be forwarded, edited, set as Wallpaper or attached to messages.

❶ **In TV window,** ▭

❷ ●
   - Image is saved.

Opening Saved Images
- **While Watching TV**
   [TV Window] ✉ ➜ *Useful Func.* ➜
   ● ➜ *TV-Image Folder* ➜ ● ➜
   Select image ➜ ●
- **From Standby**
   ● ➜ *TV* ➜ ● ➜ *TV-Image Folder*
   ➜ ● ➜ Select image ➜ ●

Enlarging Image Portion

In Cycloid position, temporarily enlarge a portion of widescreen image.
May be unavailable while Two Screen is active, etc.

❶ **In TV window,** 1 - 9 **(Long)**

- Key Assignments:

1 **Upper Left**	2 **Upper Center**	3 **Upper Right**
4 **Center Left**	5 **Center**	6 **Center Right**
7 **Lower Left**	8 **Lower Center**	9 **Lower Right**

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Advanced

Obtaining Program Information

Find program channels and times, open program details via current channel's schedule, or check other programs in the same time slot.

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
Other TV Listing	Open list of programs currently being broadcast; record one while watching current program

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.

XX:XX - XX:XX	ニュース
XX:XX - XX:XX	天気
XX:XX - XX:XX	交通情報
XX:XX - XX:XX	スポーツ情報
XX:XX - XX:XX	今日のエンタメ
XX:XX - XX:XX	ミュージック
XX:XX - XX:XX	ドラマ

   Options | View | Record
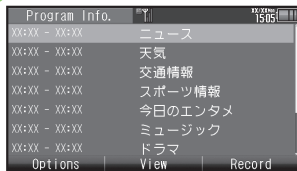
   Program Info Window

3. **Select program ➜ ●**
   - To return to TV window, 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 ➜ ⊠ ➜ *Watching* ➜ ●

Other TV Listing

1. **In TV window (Cycloid position), ●**

   SearchOtherTV...

   Channel 1
   ニュース

   Channel 2
   ドラマ

   Channel 3
   情報番組

   Preview | Channel | Record

   Other TV Listing Window

2. **Select program ➜ ⊠**
   - Program details appear.
   - To return to TV window, press ⌫ twice.

Accessing Other TV Listing in Portrait Position
[TV Window] ⊠ ➜ *OperateProgram* ➜ ● ➜ *Other TV Listing* ➜ ●
Tuning in a Second Program in the Same Time Slot
[Other TV Listing Window] Select program ➜ ●
Recording a Second Program in the Same Time Slot
[Other TV Listing Window] Select program ➜ ⊙
- Recording starts. (Two Screen starts.)
Opening Program Information by Station
[Other TV Listing Window] Select program (station) ➜ ● (Long)
- To open program details, select a program and press ● after the steps above.

Watching Two Programs Simultaneously

943SH has built-in dual One Seg tuner; tune in two programs simultaneously in split screen.

Main Program
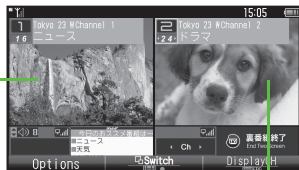
Second Program

■ **Picture-in-Picture**
While main program appears, open a second one (audio muted) in an inset window.

Second Program

1 In TV window, 📖

- Second program appears. (Two Screen starts.)
- Second program audio is muted.
- Second program channel selection is active by default. Cancel setting to navigate main program channels.

2 ● **to watch second program**

- Program positions switch.

3 📖 ➡ **Two Screen ends**

- Main program appears alone.

Split Screen Restrictions
- Data Broadcast, Other TV Listing, widescreen partial image enlargement, Change Area, Save Channel, etc. are unavailable.

Advanced

📖 ●Using Picture-in-Picture ●Canceling second program channel selection (**P.7-15**)

Recording Programs

Record current program on handset or Memory Card.

- Clip is saved to handset (or Memory Card, if inserted).
- When Small Light flashes yellow, reception is poor; change location to improve it: Small Light illuminates green for moderate, or blue for strong reception.

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

Recording Window

- Changing volume, etc. does not affect recordings.

2 ● (Long) ➜ **Recording ends**

Recording Programs in Portrait [TV Window] ▬ (Long)
- To stop, Long Press ▬ while recording.

Recording a Second Program in the Same Time Slot
- Open Other TV Listing in TV window, then select a program and start recording.
- Channel selection does not affect recording of second program.

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

Saving Files via the Internet while Recording
- While recording programs to handset, confirm there is enough free memory before saving files.

Dubbing 10
- 943SH supports Dubbing 10 copy protection scheme that allows recordings to be copied from handset to Memory Card. Open file properties to check the remaining number of copies allowed to be made.

Recording while Two Screen is Active

Recording of main program starts. To record second program simultaneously, press ● and proceed. (Simultaneous recording)

- Memory Card is required for simultaneous recording.
- During simultaneous recording, operations are available for main program only.

Recording main program

⬇ ●

Program positions switch

⬇ ● (Long)

Simultaneous recording

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Advanced

👆 ●Recording programs without Data Broadcasts ●Saving Data Broadcast images to handset ●Recording programs to handset (**P.7-16**)

Playing Recorded Programs

1 In TV window, ⊠ ➡ *TV Player* ➡ ●
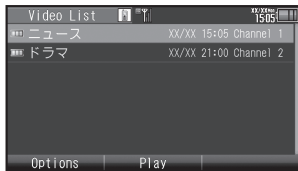
Video List

● 𝕯 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

Switching Video Lists
After ❶, ⊠ ➡ *Change to Phone* or *Change to MemoryCard* ➡ ●

Major 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	#.₅
Skip Backward	✻.₅
Pause[3]	● (⊗ in portrait)
Split File	▬ (Long)[4]
Set Marker	▬[4]
Toggle Panel On/Off	🔘

[1]Each press increases speed. To resume normal playback, press ● (⊗ in portrait).
[2]Long Press to replay. (Available when no Marker is saved.)
[3]In pause, use ⊙ to reverse/advance frame.
[4]Not available during Time Shift playback.

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Digital TV

Advanced

🔊 ●Splitting files by specifying a time point ●Playing files repeatedly ●Playing split files ●Playing video files transferred from Blu-ray Disc recorders
●Checking memory status ●Renaming files ●Deleting files ●Copying files to Memory Card ●Opening file properties ●Playing files with Markers (And more on **P.7-17** - **7-18**)

TV Timer & TV Recording Timer

1. In TV window, ⊠ ➜ *Rec./
   TimeShift* ➜ ●

2. *Reservation List* ➜ ● ➜ ⊠

3. *New Entry* ➜ ●

4. *Manual* ➜ ● ➜ *Watching*
   or *Recording* ➜ ●

5. Enter start date/time ➜ ●
   ➜ Enter end date/time ➜ ●

6. *Channel:* ➜ ● ➜ Select
   channel ➜ ● ➜ ⓨ
   - If a message appears, read and then
     press ●.

Setting Timer via EPG

In ④, *From TV Listing* ➜ ●
- Refer to the application's help menu for
  operational instructions.

Timer Recording Precautions

Confirm target channel reception; keep
handset open.
- 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 Watching TV
- Two Screen starts automatically; Timer
  program appears as second program.

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 may remain off, or the current
  function may end automatically (unsaved
  images, messages, Phone Book entries,
  etc. may be deleted). End all active
  functions/applications before Timer time.

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Advanced

☝ ●Opening/editing/deleting Timer details ●Opening/deleting/playing Timer log records ●Customizing TV Alarm settings ●Prioritizing current operation
over TV Timer/TV Recording Timer (**P.7-18**)

Time Shift Recording & Playback

Record current program temporarily for delayed playback.

- Recorded content is deleted after playback.
- First, insert Memory Card.

1 While watching TV, 回 (Long) ➡ Recording starts

Recording in progress

2 While recording, 回 (Long) ➡ Playback starts

- Playback starts from where recording was started.
- Recording and playback stop when Time Shift playback has caught up to the real-time program.

Tuning in a Second Program during Time Shift Playback
> ✉ ➡ *Two Screen* ➡ ● ➡ *Activate Two Screen* ➡ ●

Major Playback Operations

Fast Forward	⊙*
Skip Forward	#.♫
Skip Backward	✳.♫

*Press 回 to resume normal Time Shift playback.

Time Shift Recording Automatic Activation

When a Voice Call is answered while watching TV with Memory Card inserted, Time Shift recording starts automatically; Long Press 回 after the call for playback.

Advanced

🖐 ●Disabling Time Shift recording automatic activation (**P.7-16**)

Area & Channel

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

Watching

Opening Help	While watching TV, ☺ ➡ *Help* ➡ ● ● Also available while recording or playing programs.
Searching for current program on the Internet	While watching TV, ☺ ➡ *OperateProgram* ➡ ● ➡ *Program Info. Search* ➡ ● ➡ *Search* ➡ ● ● Follow onscreen instructions.
Enlarging display size for portrait position	While watching TV, ☺ ➡ *AV Settings* ➡ ● ➡ *Screen Size* ➡ ● ➡ *Enlarge* ➡ ●
Viewing widescreen images in original size	While watching TV, ☺ ➡ *AV Settings* ➡ ● ➡ *Screen Size* ➡ ● ➡ *Original Size* ➡ ●
Canceling image smoothing	While watching TV, ☺ ➡ *AV Settings* ➡ ● ➡ *Smooth Mode* ➡ ● ➡ *Off* ➡ ●
Saving current channel	While watching TV, ☺ ➡ *Set Channels* ➡ ● ➡ *Save Channel* ➡ ● ➡ Select key ➡ ● ● To overwrite a saved channel, choose *Yes* and press ●.
Selecting an audiovisual mode	While watching TV, ☺ ➡ *AV Settings* ➡ ● ➡ *AV Mode* ➡ ● ➡ Select mode ➡ ● ● TV reception time may shorten depending on the mode.

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Adjusting current AV Mode parameters	Start Here **While watching TV,** ☺ ➜ *AV Settings* ➜ ● ➜ **See below** ● Change AV Mode (select mode other than *Link to Genre*) first. **Brightness** *Image* ➜ ● ➜ *Brightness* ➜ ● ➜ Adjust level ➜ ● **Disabling/Enabling Brightness Adjustment via Light Sensor** *Image* ➜ ● ➜ *Brightness* ➜ ● ➜ ☺ (□/✓) ➜ ● **Adjusting Brightness Automatically by Scene** *Image* ➜ ● ➜ *Control by Scene* ➜ ● ➜ *On(Light)* or *On* ➜ ● **Other Image-Related Parameters** *Image* ➜ ● ➜ Select item ➜ ● ➜ Adjust level ➜ ● ● Adjust *Contrast*, *Blackness* (black level), *Color* (color density), *Tint* (skin color tone) and *Sharpness*. **Restoring Default Image Settings** *Image* ➜ ● ➜ *Reset* ➜ ● ➜ *Yes* ➜ ● **Selecting Sound Option** *Tone* ➜ ● ➜ Select option ➜ ●
Changing panel pattern	**With TV in portrait,** ☺ ➜ *Advanced* ➜ ● ➜ *Panel Type* ➜ ● ➜ Select pattern ➜ ●
Customizing viewing options for Cycloid position	Start Here **With TV in landscape,** ☺ ➜ *Advanced* ➜ ● ➜ *Set Landscape* ➜ ● ➜ **See below** **Showing Indicators Always** *Display Icon* ➜ ● ➜ *On* ➜ ● **Disabling Partial Image Enlargement** *Magnify Area* ➜ ● ➜ *Off* ➜ ●

Switching One Seg services	**While watching TV,** ☺ ➜ *Set Channels* ➜ ● ➜ *Select Serv. Station* ➜ ● ➜ Select service ➜ ● ● Available for programs with multiple services.
Listening to audio from Speaker	**While watching TV,** ☺ ➜ *Advanced* ➜ ● ➜ *Sound Output* ➜ ● ➜ *Loudspeaker* ➜ ●
Using wireless Headphones	**While watching TV,** ⌥ **(Long)** ● Pair SCMS-T DRM scheme compliant Bluetooth® headphones beforehand.
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* ➜ ●
Switching audio output to wireless device	● ➜ *TV* ➜ ● ➜ *Settings* ➜ ● ➜ 🔵*Sound Output* ➜ ● ➜ *Bluetooth Device* ➜ ●

Two Screen

Using Picture-in-Picture	While watching TV, ⊠ ➡ *Two Screen* ➡ ● ➡ *Set Two Screen* ➡ ● ➡ *Sub Screen* ➡ ●
Canceling second program channel selection	While watching TV, ⊠ ➡ *Two Screen* ➡ ● ➡ *CH Op. OtherTVList* ➡ ● ➡ *Off* ➡ ● ● When *Off*, main program channel selection is active.

Data Broadcast

Changing view	With Data Broadcast in portrait, ⊠ ➡ *SetBroadcastData* ➡ ● ➡ *Change View (Data)* ➡ ● ● To return to TV window, press ⌄.
Returning to initial window	With Data Broadcast in portrait, ⊠ ➡ *SetBroadcastData* ➡ ● ➡ *Back to Top* ➡ ●
Deleting information saved from Data Broadcasts	[Start Here] While watching TV, ⊠ ➡ *SetBroadcastData* ➡ ● ➡ *Delete StationData* ➡ ● ➡ See below **Deleting by Station** Select station ➡ ⊠ ➡ *Delete* ➡ ● ➡ *Yes* ➡ ● **Deleting All** ⊠ ➡ *Delete All* ➡ ● ➡ Enter Handset Code ➡ ● ➡ *Yes* ➡ ●
Hiding Network connection confirmation	While watching TV, ⊠ ➡ *SetBroadcastData* ➡ ● ➡ *Notify Connection* ➡ ● ➡ *Off* ➡ ●

Sending/hiding Location Information	[Start Here] While watching TV, ⊠ ➡ *SetBroadcastData* ➡ ● ➡ *Location* ➡ ● ➡ See below **Sending Always** *On* ➡ ● **Hiding Always** *Off* ➡ ●
Hiding manufacture number and other information	While watching TV, ⊠ ➡ *SetBroadcastData* ➡ ● ➡ *Manufacture Number* ➡ ● ➡ *Off* ➡ ●

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* ➡ ●

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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, Two Screen usage pattern, 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* ➡ ⦿
	Increasing Subtitle Lines *Subtitle ScrollMode* ➡ ⦿ ➡ *On* ➡ ⦿
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* ➡ ⦿

Recording

Recording programs without Data Broadcasts	While watching TV, ☺ ➡ *SetBroadcastData* ➡ ⦿ ➡ *Set Recording* ➡ ⦿ ➡ *Image Only* ➡ ⦿
Saving Data Broadcast images to handset	While watching TV, ☺ ➡ *SetBroadcastData* ➡ ⦿ ➡ *Image Location* ➡ ⦿ ➡ *Phone Memory* ➡ ⦿
Disabling Time Shift recording automatic activation	⦿ ➡ *TV* ➡ ⦿ ➡ *Settings* ➡ ⦿ ➡ *Set Call Time Shift* ➡ ⦿ ➡ *Off* ➡ ⦿
Recording programs to handset	⦿ ➡ *TV* ➡ ⦿ ➡ *Settings* ➡ ⦿ ➡ *Save Recording to* ➡ ⦿ ➡ *Phone Memory* ➡ ⦿

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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 ➡ ⦿
Playing video files transferred from Blu-ray Disc recorders	⦿ ➡ *TV* ➡ ⦿ ➡ *Recorder Contents* ➡ ⦿ ➡ Select file ➡ ⦿ ● During playback, press ⑧ to switch sound channels [L (Main), R (Sub) or L + R (Main + Sub)]. (Available for programs supporting sub language.) For more operations, see **P.9-6** "Video Playback Operations." ● In Recorder Contents file list, press ☺ to rename files, change playback mode (repeat, random, etc.), check memory status, open properties or delete files.

■ 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* ➡ ⦿
Copying files to Memory Card	⦿ ➡ *TV* ➡ ⦿ ➡ *TV Player* ➡ ⦿ ➡ ☺ ➡ *Change to Phone* ➡ ⦿ ➡ Select file ➡ ☺ ➡ *Copy to Card* ➡ ⦿ ➡ *Yes* ➡ ⦿ ● File is moved from handset to Memory Card when the number of copies made exceeds the limit.
Moving files to Memory Card	⦿ ➡ *TV* ➡ ⦿ ➡ *TV Player* ➡ ⦿ ➡ ☺ ➡ *Change to Phone* ➡ ⦿ ➡ Select file ➡ ☺ ➡ *Move to Card* ➡ ⦿ ➡ *Yes* ➡ ⦿ ● Files moved to Memory Card cannot be moved back to handset.
Opening file properties	⦿ ➡ *TV* ➡ ⦿ ➡ *TV Player* ➡ ⦿ ➡ Select file ➡ ☺ ➡ *Details* ➡ ⦿

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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 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	**Start Here While watching TV,** ⊠ ➡ *Rec./TimeShift* ➡ ⦿ ➡ *Reservation List* ➡ ⦿ ➡ **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/ playing Timer log records	**Start Here While watching TV,** ⊠ ➡ *Rec./TimeShift* ➡ ⦿ ➡ *Reservation List* ➡ ⦿ ➡ ⓨ ➡ **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,** ⊠ ➡ *Rec./TimeShift* ➡ ⦿ ➡ *Reservation List* ➡ ⦿ ➡ ⊠ ➡ *TV* *Alarm* ➡ ⦿ ➡ **See below**
	Changing TV Alarm Time *Alarm Time* ➡ ⦿ ➡ **Select time** ➡ ⦿
	Disabling Tone/Vibration/Small Light *Alarm*, *Vibration* or *Light* ➡ ⦿ ➡ *Off* ➡ ⦿
	Changing Duration *Duration* ➡ ⦿ ➡ **Select time** ➡ ⦿
Prioritizing current operation over TV Timer/TV Recording Timer	⦿ ➡ *TV* ➡ ⦿ ➡ *Settings* ➡ ⦿ ➡ *TV Reserve* *Prior* ➡ ⦿ ➡ *Off* ➡ ⦿

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.

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