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# **Basics**

941SH 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, 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 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.

#### Important Digital TV Usage Notes

- 941SH 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



# Area Setup

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



- Setup confirmation appears.
- Alternatively, press Internatively.

2	Yes

Select	Degion
	Negron
Hokkaido/To	hoku
Hokuriku/Ko	shin'etsu
Kanto	
Tokai	
Kansai	
Chugoku	
Shikoku	

Select region

Select prefecture 
Select locality

• After setup, channel list appears.

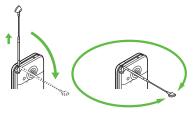
Setup

In ☉, No Preference Adding Reception Areas MENU ➡ TV ➡ Digital TV ➡ Options ➡ Set Channels ➡ Change Area ➡ Highlight Area ➡ Options ➡ Set Area Info ➡ From ☉

#### **Digital TV Antenna**

Pull Antenna by top bead until it clicks.

- After extending Antenna fully, fold then rotate it to find best reception. (Unless transmission source is near, extend it for better reception.)
- After use, gently retract Antenna aligning top bead. Do not carry handset with Antenna extended; damage may result.



#### 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)



# Watching TV

MENU 🕈 TV 🕈 Digital TV



TV Window

Alternatively, press (3).

# Tap 🕻 or 🕻 to select a channel

- Long Touch to find channel with stable signal automatically.
- Alternatively, drag finger left or right across TV image then tap a channel.

# *END* ➡ *Yes* ➡ TV ends

#### Watching TV in Widescreen

- When Slider is closed, TV orientation changes with handset orientation.
- When Slider is open, press 
   to toggle Display orientation. (In Motion Control menu, set Display Change to Manual at Open(press) or Manual(press) first.)

   Incoming Calls
- Tap Answer to answer calls.

#### When Answering Voice Calls with Memory Card Inserted (Time Shift)

• Current program is temporarily recorded; start playback after the call.

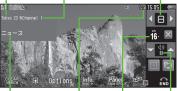
#### **Incoming Messages**

 Double beep sounds and New Message notice appears. Long Press (2) or Long Touch **Options** with Slider open to access messages.

#### **Panel Description**



Area Name Station Name Channel Key



ProgramSignalChannel VolumeNameStrengthThe more bars the better the signal strength.

#### Advanced

Opening Help Enlarging image portion in landscape (And more on P.7-13)
 Changing subtitle settings Changing sound settings (P.7-16)

Digital TV

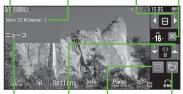
# 7-4

#### **TV Window Operations**



Volume Control Capture Screenshots Start Time Shift Record Programs

Change Area Switch Channel - Hide Panel



Open Volume Program Info Control

Record Capture Programs Screenshots

### Advanced

#### **Major TV Window Operations**

#### **Touch Panel**

Switch Channel	Drag finger left or right across TV image ➡ Tap channel
Volume Control	Drag finger up or down across TV image
Toggle View	Tap TV image
Change Display Size	Pinch or spread fingers on TV image
Change Data Broadcast View	Pinch or spread fingers on Data Broadcast area
Change Area	Tap Area name ➡ Tap Area

\*Available in portrait orientation.

Handset Keys

Toggle Panel On/Off	30
Change Area	
Volume Control	

#### Data Broadcast (Japanese)

In portrait orientation, Data Broadcast text appears below TV image. Tap an item to access program-related information and interactive services.



#### 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.

🕙 Saving current channel 🖲 Selecting an audiovisual mode 🔍 Adjusting current AV Mode parameters 🔍 Setting handset responses to incoming transmissions Switching audio output to wireless device (And more on P.7-13 - 7-14)

Changing view Saving links to Data Broadcasts or related information (And more on P.7-15)

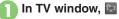


Digital TV

#### **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.



#### 🕽 Assign

• Image is saved.

**Opening Saved Images** 

- While Watching TV
  - [TV Window] *Options* ➡ *Useful Func.* ➡ *TV-Image Folder* ➡ Select image
- From Standby *MENU* ⇒ *TV* ⇒ *TV-Image Folder* ⇒

Select image



Digital TV

# **Obtaining Program Information**

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

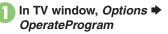
TV Listing	Start EPG S! Application to find program channels and times for specified area
Program Info	Open program details via current channel's schedule; set Reservations to record shows or activate TV

#### TV Listing (Japanese)

#### In TV window, Long Touch Hold:EPG

- 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**



# Program Info.

T. 1505
Program Info.
xx:xx - xx:xx ニュース
xx:xx - xx:xx 天気
xx:xx - xx:xx 交通情報
<sup>XX:XX</sup> - XX:XX スポーツ <b>情報</b>
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
xx:xx - xx:xx ニュース
Options View Record

Program Info Window

# Select program

• To return to TV window, tap *CLEAR/ BACK* twice.

#### Setting Recording Timer via Program Info [Program Info Window] Highlight program ➡ Record

 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

#### 



# **Recording/Playing**

# **Recording Programs**

Clip is saved to handset (or Memory Card, if inserted).

#### Precautions

- Saved files cannot be forwarded or attached to messages.
- 941SH 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.

#### **Dubbing 10**

 941SH 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.



# In TV window, I + Recording starts



**Recording Window** 

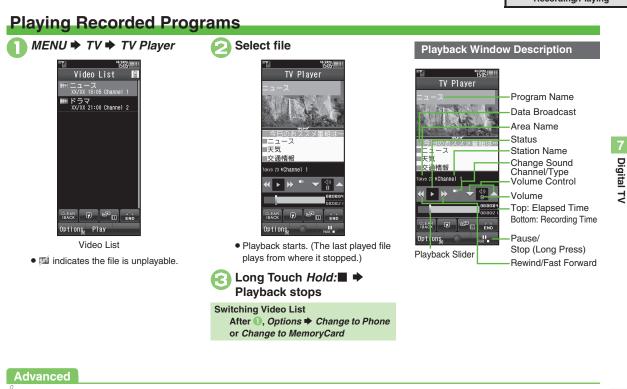
- Alternatively, Long Press
- Changing volume, etc. does not affect recordings.
- When Small Light flashes yellow, reception is poor; change location to improve it: Small Light illuminates green for moderate, or blue for strong reception.

# Recording ends

#### Chase Play (Playing while Recording)

- Watch a program from the beginning while recording it on Memory Card.
   [Recording Window] Options > Rec./TimeShift > Time Shift Play
- Long Touch *Hold*:■ to stop playback. 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.

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.7-16 - 7-17)

7-9

#### **Major Playback Operations**

Adjust volume or change display size following the same operations used while watching TV.

#### **Touch Panel**

Rewind	Drag finger left across TV image <sup>1</sup>
Fast Forward	Drag finger right across TV image <sup>1</sup>
Pause	Tap <b>Pause</b> or <b>1</b>
Skip to Any Point	Drag playback slider
Toggle View	Tap TV image
Change Display Size	Pinch or spread fingers on TV image
Change Data Broadcast View	Pinch or spread fingers on Data Broadcast area <sup>3</sup>

#### Handset Keys

Rewind/Fast Forward	⊙ <sup>1, 2</sup> /⊙ <sup>1</sup>
Skip (Forward/ Backward)	$[\pm 5\%]/[\times 10^{+10}]$
Pause <sup>3</sup>	☞ (● in landscape)
Marker	
Toggle Panel On/ Off	

<sup>1</sup>Each press increases speed. To resume normal playback, press  $\widehat{\mathfrak{D}}$  ( $\widehat{\odot}$  in landscape).

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

<sup>3</sup>In pause, use ⊕ to reverse/advance frame. <sup>4</sup>Not available during Time Shift playback. Long Press to split file.

<sup>1</sup>Release to resume normal playback.

<sup>2</sup>In pause, drag finger left/right across TV

image to reverse/advance frame.

<sup>3</sup>Available in portrait orientation.

# **TV Timer & TV Recording Timer**

MENU 🕈 TV

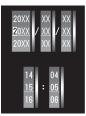
Reservation List 

Options

## New Entry



Manual 
Watching or Recording



E

Enter start date/time  $\Rightarrow OK$  $\Rightarrow$  Enter end date/time  $\Rightarrow OK$ 

## Channel: ➡ Select channel ➡ Save

Setting Timer via EPG

- In @, From TV Listing
- Refer to the application's help menu for operational instructions.

#### Timer Recording Precautions

Confirm target channel reception.

- End the current operations.
- Confirm target channel reception.
- 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 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.



Opening/editing/deleting Timer details Opening/deleting Timer log 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.

 While watching TV, Options
 ♦ Rec./TimeShift ♦ Time Shift Rec. Start



Recording in progress

- Alternatively, Long Press ().
- 6

Digital TV

### While recording, 🔄 🏓 Playback starts

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

#### **Major Playback Operations**

#### Touch Panel



\*Release to resume normal Time Shift playback.

#### Handset Keys

Fast Forward	<b>⊙</b> *
Skip Forward	#,ĕ
Skip Backward	X ***

\*Press 🕮 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; tap after the call for playback.



#### Advanced

# **Additional Functions**

# Area & Channel

Switching	While watching TV, Options I Set Channels
reception Areas	Change Area 🗼 Select Area
Renaming Areas	While watching TV, <i>Options</i> → <i>Set Channels</i> → <i>Change Area</i> → Highlight Area → <i>Options</i> → <i>Change Area Name</i> → Enter name → <i>Done</i>
	[Start Here] While watching TV, Options → Set Channels → Channel Key Setting → See below
Changing/disabling	Toggling All Receivable Channels By Manual
	Disabling Disable
	Start Here       While watching TV, Options ⇒ Set         Channels ⇒ CH Switch ⇒ Highlight channel ⇒         Options ⇒ See below
Editing channels	Switching Channel Positions Flip
	Deleting Channels Delete ➡ Yes
Deleting all channels in Area	While watching TV, Options  Set Channels  Change Area  Highlight Area  Options  Reset Settings  Yes
Adding new channels to Area	While watching TV, Options  Set Channels  Change Area  Highlight Area  Options  Channel Update  Update Further

Updating all channels in the Area	While watching TV, <i>Options</i> Set Channels Change Area Highlight Area Options Channel Update Update All Yes	
Watching		
Opening Help	<ul> <li>While watching TV, Options  Help</li> <li>Also available while recording or playing programs.</li> </ul>	
Searching for current program on the Internet	<ul> <li>While watching TV, Options → OperateProgram</li> <li>→ Program Info. Search → Search</li> <li>● Follow onscreen instructions.</li> </ul>	
Enlarging display size for portrait orientation	While watching TV, <i>Options → AV Settings →</i> Screen Size → Enlarge	
Viewing widescreen images in full size	While watching TV, Options  AV Settings  Screen  Full Screen	
Enlarging image portion in landscape	<ul> <li>With TV in landscape, Long Touch portion</li> <li>Drag enlarged portion to enlarge other areas.</li> </ul>	
Canceling image smoothing	While watching TV, Options  AV Settings  Smooth Mode  Off	
Saving current channel       While watching TV, Options ⇒ Set Chan Save Channel ⇒ Select key         • To overwrite a saved channel, tap Yes.		
Selecting an audiovisual mode	While watching TV, Options → AV Settings →           AV Mode → Select mode           • TV reception time may shorten depending on the mode.	

7 Digital TV

7-13

Ado	litional Functions	]		
_	-	Start Here         While watching TV, Options ⇒ AV           Settings ⇒ See below         Av           • Change AV Mode (select mode other than Link to         Change AV	Switching One Seg service	While watching TV, Options → Set Channels → Select Serv. Station → Select service • Available for programs with multiple services.
		Genre) first. Brightness	Listening to audio from Speaker	While watching TV, Options  Advanced  Sound Output  Loudspeaker
		Image	Using wireless Headphones	<ul> <li>While watching TV, [] (Long)</li> <li>Pair SCMS-T DRM scheme compliant Bluetooth<sup>®</sup> headphones beforehand.</li> </ul>
		Image  → Brightness  → Check ( \[ / \[ / \] )  → OK Adjusting Brightness Automatically by Scene Image  → Control by Scene  → On(Light) or On	Setting TV to end automatically after a period of time	While watching TV, <i>Options</i> → <i>Advanced</i> → <i>Auto Exit Time</i> → Select time
Diai		Other Image-Related Parameters Image → Select item → Adjust level → <i>OK</i>		Start Here       MENU ⇒ TV ⇒ Settings ⇒ Calls &         Alarms ⇒ See below
Digital TV		<ul> <li>Adjust Contrast, Blackness (black level), Color (color density), Tint (skin color tone) and Sharpness.</li> </ul>	Setting handset responses to	Showing Alarm Notice Alarm  → Alarm Notice
		Restoring Default Image Settings Image → Reset → Yes	incoming transmissions	Showing Voice Calls, etc. Select item   Notice a Call
		Selecting Sound Option <i>Tone</i> Select option		Showing New Message Window Incoming Message   Calls & Alarms
	Hiding panel	While watching TV, Options  Advanced  Panel On/Off  Off	output to wireless	MENU  TV  Settings  Sound Output
	Changing panel pattern	While watching TV, <i>Options</i> → <i>Advanced</i> → <i>Panel Type</i> → Select pattern	device	Bluetooth Device
	Customizing	[Start Here] <i>MENU</i> ⇒ <i>TV</i> ⇒ <i>Settings</i> ⇒ <i>Set</i> <i>Landscape</i> ⇒ See below		
	viewing options for landscape	Showing Indicators Always Display Icon ⇒ On		
	orientation	Placing Panel to the Left Display Panel  Display Left		



### Data Broadcast

Changing view	With Data Broadcast in portrait, Options → SetBroadcastData → Change View (Data) • To return to TV window, tap TV.
Returning to initial window	With Data Broadcast in portrait, <i>Options</i> <i>SetBroadcastData</i>
Deleting information saved from Data Broadcasts	[Start Here] While watching TV, <i>Options</i> ➡ <i>SetBroadcastData</i> ➡ <i>Delete StationData</i> ➡ See below
	Deleting by Station Highlight station   Options  Delete  Yes
	Deleting All Options ⇒ Delete All ⇒ Enter Handset Code ⇒ OK ⇒ Yes
Hiding Network connection confirmation	While watching TV, Options → SetBroadcastData → Notify Connection → Off
Sending/hiding Location Information	[Start Here] While watching TV, Options → SetBroadcastData → Location → See below
	Sending Always On
	Hiding Always Off
Hiding manufacture number and other information	While watching TV, Options  SetBroadcastData Manufacture Number  Off

# TV Link (Japanese)

Saving links to Data Broadcasts or related information	<ul> <li>While viewing Data Broadcast, tap link source</li> <li>Link navigation varies by program. Follow onscreen instructions to save links.</li> </ul>
Using TV links	Start Here MENU ⇒ TV ⇒ TV Link ⇒ See below
	Opening TV Links Select link • Connection fees may apply.
	Opening Properties Highlight link
Deleting TV links	[Start Here] MENU ⇒ TV ⇒ TV Link ⇒ See below
	One Entry Highlight link ⇒ Options ⇒ Delete ⇒ Yes
	All Entries <i>Options</i> ⇒ <i>Delete All</i> ⇒ Enter Handset Code ⇒ <i>OK</i> ⇒ Yes



### Subtitle & Sound

Changing subtitle settings	<ul> <li>[Start Here] While watching TV, Options ⇒ Subtitle/ Sound ⇒ See below</li> <li>May be unavailable depending on program content or viewing style (TV orientation, etc.).</li> </ul>
	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
	Start Here While watching TV, Options ⇒ Subtitle/ Sound ⇒ See below
Changing sound settings	Selecting Sound Option Sound Type  Sound2 • Available when multiple sounds are supported.
	Listening to Sub Language Sound Channel
	Listening to Main & Sub Languages Sound Channel  Main + Sub

### Recording

Recording programs without Data Broadcasts	While watching TV, Options ⇒ SetBroadcastData ⇒ Set Recording ⇒ Image Only
Saving Data Broadcasts to Memory Card	While watching TV, Options ➡ SetBroadcastData ➡ Image Location ➡ Memory Card
Disabling Time Shift recording automatic activation	MENU  TV  Settings  Set Call Time Shift Off
Recording programs to handset	MENU  TV  Settings  Save Recording to  Phone Memory

### **Recorded Programs**

#### Playback

Splitting files by specifying a time point	During playback, <i>Options → Split File → Select</i> <i>Point →</i> Drag finger left or right across TV image → Tap TV image <i>→ Confirm</i>
Playing files repeatedly	MENU → TV → TV Player → Options → Playback Pattern → Repeat
Playing split files	MENU → TV → TV Player → Highlight file → Open → Select file



#### **Additional Functions**

MENU ⇒ TV ⇒ Recorder Contents ⇒ Select file       During playback, press [8.5] 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	Moving files to Memory Card	M Ci +
<ul> <li>Window Description."</li> <li>In Recorder Contents file list, tap <i>Options</i> to rename files, change playback mode (repeat,</li> </ul>	Opening file properties	M Oj
random, etc.), check memory status, open properties or delete files.	Markers	
		St
MENU 🗼 TV 🔶 TV Player 🔶 Options 🔶		•
Memory Remaining	Playing files with	Sł
MENU → TV → TV Player → Highlight file →	Markers	Pı

#### Managing

Playing video files

transferred from

Blu-ray Disc

recorders

ghlight file 🔶
ame 🗼 <i>Done</i>
/er ⇒ See below
lete 🔶 Yes
landset Code ⇒
ptions 🔶
file 🗼 Options
mory Card when eds the limit.

Noving files to Nemory Card	MENU ◆ TV ◆ TV Player ◆ Options ◆         Change to Phone ◆ Highlight file ◆ Options         ◆ Move to Card ◆ Yes         ● Files moved to Memory Card cannot be moved back to handset.
Dpening file properties	MENU → TV → TV Player → Highlight file → Options → Details
Markers	
Playing files with Aarkers	Start Here         During playback, Options ⇒ Set Marker           ⇒ See below
	Skipping between Markers Previous Marker or Next Marker
	Moving to Specific Markers Marker List   Select number
Jsing Marker List	Start Here       During playback, Options ⇒ Set Marker         ⇒ Marker List ⇒ See below
	Starting Playback Select number
	Deleting a Marker Highlight number
	Deleting All Markers Options ⇒ Delete All ⇒ Yes



# TV Timer & TV Recording Timer

Opening/editing/ deleting Timer details	Start Here       While watching TV, Options ⇒ Rec./         TimeShift ⇒ Reservation List ⇒ See below
	Opening Entries Select entry
	Editing Entries Highlight entry → Options → Edit → Edit → Save • Some entries may not be edited depending on the content.
	Deleting Entries Highlight entry   Options  Delete  Yes
Opening/deleting Timer log	(Start Here)While watching TV, Options → Rec./ TimeShift → Reservation List → Result → See below
	Opening Timer Log Select record
	Playing Recorded Programs Highlight record  Play
	Deleting Records Highlight record ⇒ Delete ⇒ Yes
Customizing TV Alarm settings	Start Here) While watching TV, Options ⇒ Advanced ⇒ TV Alarm ⇒ See below
	Setting TV Alarm Time Alarm Time  Select time
	Disabling Tone/Vibration/Small Light Tone, Vibration or Light     Off
	Setting Duration Duration  Select time

Prioritizing current	
operation over TV	MENU  TV  Settings  TV Reserve Prior
Timer/TV	Off
Recording Timer	

## Troubleshooting

#### 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.

