TV

8
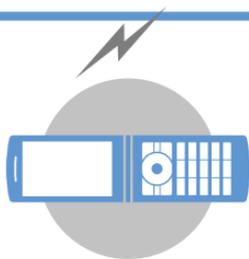
Handset supports One Seg Digital TV for cellular phones.
● One Seg is available only in Japan.

One Seg

One Seg is a digital TV broadcasting service for mobile devices. It uses one segment of the terrestrial digital band for TV and data broadcasts that you enjoy at home, on your handset.

Watch TV in Widescreen

Data Broadcasts

Enjoy data broadcasts while watching TV. Access program-related information and even participate in the program (P. 8-7).

Record Programs

Record a program on memory card while viewing it and enjoy it again at a later time (P. 8-9).

View and Record Timer

Book programs you want to view/record. Program Guide can be used for booking programs (P. 8-11).

Quick Info

Sender and subject information appears for new S! Mail/SMS message while TV is active (P. 14-5).

Precautions

● Never watch TV while riding a bicycle, motorcycle or driving a car. You may not hear the sounds around you clearly, or TV image/sound may distract you creating the risk of accident. Even while walking, pay attention to the traffic around you. Be especially careful at railway crossings and pedestrian crosswalks.
● TV image/sound may be affected if a call or message is received while watching TV.
● TV information (TV links or data you entered in Data Broadcast Mode) saved on handset cannot be transferred to another handset when you change your handset to another model or when it is repaired. Keep a memo of necessary information.
● TV is available when USIM Card is inserted and with a valid SoftBank contract.
● TV antenna is built into handset. If image quality does not improve, move handset away from body or change locations.

When *Auto-change Screen* is set to *ON*, turn handset on its left or right side while watching TV for Landscape View. However, view does not change when *TV Power Saving* is set.

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TV

● TV image/sound may deteriorate or signal reception may become impossible in the following areas:
  ・ Areas far from signal towers
  ・ Mountain areas or places beside tall buildings
  ・ In tunnels, underground malls or buildings with a lot of signal obstructions
● For more information on One Seg services, visit the following website:
  The Association for Promotion of Digital Broadcasting
  From PC: http://www.dpa.or.jp/
  From handset: http://www.dpa.or.jp/1seg/k/ (Japanese)

When You First Activate TV

The first time you activate TV, the following information appears.
・ How to switch between Portrait and Landscape View
・ Functions unavailable in Landscape View
Read information then press ⊙, select *YES*, and press ⊙. If *NO* is selected, information no longer appears when activating TV.

Operating in Landscape View

Multi Selector for selecting channels or adjusting the volume is operated the same way in both Portrait and Landscape View.

Initial Setup

Configure channel settings for your area and save stations to a channel list.

1 MENU ⇨ *TV* ⇨ ⊙ ⇨ *Channel Settings* ⇨ ⊙

2 *Select Area* ⇨ ⊙ ⇨ **Select area** ⇨ ⊙ ⇨ **Select prefecture/city** ⇨ ⊙ ⇨ *YES* ⇨ ⊙
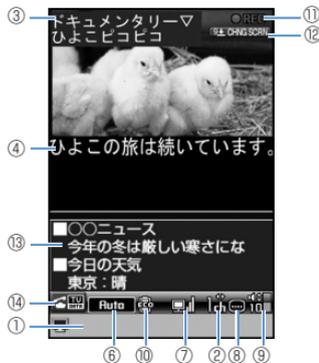
Stations for the area are saved to a channel list.

Tip
• If signals from stations of the selected area are difficult to receive, search for stations using the *Automatic* option.

8

TV

8-3

TV Windows

Landscape View

Portrait View

①	Quick Info Ticker scrolls across top of Display for new S! Mail/SMS messages (P. 14-5).
②	Channel
③	Program Title
④	Subtitles
⑤	Sound Effect on (always on)
⑥	Sound Effect **OFF** OFF **CS5.1ch** CS5.1ch **Auto** Auto **Live** **Concert** **Drama** **Sports** **News** **Variety** **Movie** Modes by Program Type **Manner** Sound Leak Minimized
⑦	Signal Strength ▦▮ Strong ▦▮ Moderate ▦▮ Weak ▦ Out of Broadcasting Area
⑧	Subtitle Data ▦ Subtitles Available
⑨	Volume
⑩	TV Power Saving ▦ TV Power Saving Active

⑪	Recording Status ●**REC** Recording ●**REC** Timer Recording Activated **PAUSE** (Red) Recording Paused Time Shift Status **PAUSE** (Green) Pause ●**PLAY** Normal Speed ●**1.3** 1.3x Speed ●**FF** 2x Speed
⑫	EPG Program guide
⑬	Data Broadcast
⑭	TV View Mode ▦ Image Mode ▦ Data Broadcast Mode

More Features

Advanced

Channel Settings
- Save Stations to a Channel List Automatically
- Save Stations of a Different Area to a Channel List
- Switch Channel Lists

Customize

Channel List
- Change Title of Channel List
- Delete a Channel List
- Assign Channels to Remote Control Numbers
- Delete a Channel

Other Settings
- Check TV Settings
- Reset Channel Settings
- Clear Data Broadcast Memory
- Reset TV Settings

8

TV

Watching TV

1 `MENU` ⇨ *TV* ⇨ ⦿ ⇨ *Watch TV* ⇨ ⦿

ひよこの旅は続いています。

TV Window

2 **Use Keypad to select a channel**
Press `*` for channel 10, `0` for channel 11, and `#` for channel 12.

3 `─` **or press and hold** `CLEAR` **to end TV** ⇨ *YES* ⇨ ⦿
Follow the same step to end TV in Portrait view.

Tip

- TV volume is **"0"** when Manner Mode is active and no earphone is connected. Adjust with ⦵.
- Play TV audio from any Bluetooth® compatible audio device (P. 13-5).

TV Operations

Pause or Continue[1]	⦿
Change Channel in Order	⦶
Automatically Search for Receivable Channels	Press and hold ⦶ • Press ✉/ or `CLEAR` to stop search
Adjust Volume	⦵ or press and hold ⦵
	🔊₋ or 🔊
	Press and hold 🔊₋or press and hold 🔊
Mute	`CLEAR`
Toggle Portrait and Landscape[2]	Press and hold `9`
Show/Hide Subtitles[3]	Press and hold ✐
Toggle Windows[4]	Press and hold ✐ Windows toggle as follows: Data Broadcast → Image & Data Broadcast → Image & Subtitles & Data Broadcast

Switch to Data Broadcast Mode[4]	✐

1 TV viewing resumes in Time Shift playback.
2 Available when *Auto-change Screen* is set to *OFF*.
3 Available in Landscape View.
4 Available in Portrait View.

Taking Calls While Watching TV

When a call arrives or when Alarm or Schedule Alarm is activated while watching TV, TV is interrupted to receive the call, etc. TV resumes after call or function ends.

Time Shift Playback While Watching

Resume watching TV even after pausing with playback.

● Time Shift playback is available when TV is paused or you receive a call.
● Time Shift playback is unavailable when *Time Shift Setup* is set to *Auto OFF*.

1 **[TV] window** ➪ ●

TV is paused.

2 ●

Time Shift playback starts.

Note

• Handset stores up to two minutes of recording. Data is overwritten starting from the oldest data. If you resume viewing after pausing for more than two minutes, viewing starts from the beginning of stored data (not from where you paused).

Tip

• Other channels are unavailable while TV is paused or during Time Shift playback.

Playback Operations	
Start from Beginning of Stored Playback Data	⊙
Change Playback Speed	⊚
End Playback	●

Data Broadcasts (Japanese)

Data broadcasts are available while watching TV in Portrait view. Access various kinds of program-related and other information in Data Broadcast Mode.

1 **[TV] window** ➪ ▱

ひよこの旅は続いています。

■○○ニュース
今年の冬は厳しい寒さにな
■今日の天気

Data Broadcast Mode Window

Data Broadcast Mode is activated.

2 **Select a link** ➪ ●

If a confirmation for Internet access appears, select *YES* and press ● to access the Internet. Select *YES (By default)* and confirmation no longer appears.

TV Link Operations	
Select a Link	⊙
Confirm Selection of a Link	●
Switch Pages	⊚
Previous Page*	CLEAR
Toggle Windows	Press and hold ▱ Windows toggle as follows: Data Broadcast → Image & Data Broadcast → Image & Subtitles & Data Broadcast
Switch to TV Mode	▱

* Available when connected to a data broadcast website.

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TV

8-7

Note
- Viewing data broadcast information requires no fees. However, accessing Internet links will incur transmission fees.
- Data broadcasts are unavailable in Landscape view.

Program Guide

● Use Program Guide to set timer to record/activate programs.

1 MENU ⇨ *TV* ⇨ ● ⇨ *Program Guide* ⇨ ●

See Program Guide help for further operations.
Before first using Program Guide, configure initial settings and agree to the terms of use. Follow the onscreen instructions.

🌐 More Features

💡 Advanced

Watching TV
- Show Program Information
- Adjust Brightness
- Switch Main & Sub Audio
- Switch Audio Channels
- Show Current Channel List Information
- Add Current Station to Channel List
- Select a Program

(▶ **P. 8-13**)

Data Broadcasts
- Reload Page Accessed from Data Broadcast
- Check Certificate for SSL Page
- Exit Page and Return to Data Broadcast

(▶ **P. 8-13**)

TV Link
- Save TV Links
- Access Pages/Information from TV Links
- Show Details of a TV Link
- Show Number of Saved TV Links
- Delete TV Links

(▶ **P. 8-14**)

🔧 Customize

Image & Sound
- Set Subtitle Display
- Show/Hide Icons in Landscape View
- Save Battery by Dimming Backlight
- Set Sound On While Handset Closed
- Keep Backlight On When Viewing TV
- Set Backlight Duration for Viewing TV
- Set Sound Effects
- Set Visual Image Effects
- Set TV to Pause or Continue for Incoming Calls (Time Shift Playback)

(▶ **P. 14-22**)

Data Broadcasts
- Set Whether to Show Images in Pages Accessed from Data Broadcasts
- Enable/Disable Sound Effects of Data Broadcasts
- Show Confirmation Window Again

(▶ **P. 14-23**)

Recording Programs

TV programs can be recorded on memory card while you are watching them.
● Data broadcasts are not saved with recording.

1 [TV] window ➪ Press and hold ✉
Recording starts.

■**To Capture a Screenshot**
➪ ✉
Captured screenshots are saved to TV folder in Data Folder.

2 ✉
Recording ends.

■**When Memory Becomes Full**
Recording ends and the recorded portion is saved.

Note
• The channel remains fixed during recording.
• Recording certain programs is restricted. If a restriction is activated while recording a program, recording automatically ends, and the part that has been recorded so far is saved.
• When 📵 appears to indicate handset is out of the broadcasting area, recording is paused. When the signal strength recovers to weak or better, recording automatically resumes.
• Recording continues even if handset is closed. However, this may affect signal reception.
• Recordings that you make are for personal use only. Other uses require the permission of the copyright holder.

Playing Recorded Programs

1 MENU ➪ Data Folder ➪ ● ➪ TV ➪ ●

2 Video ➪ ● ➪ microSD ➪ ●

Recorded Program List

■**To View Captured Screenshots**
➪ Image ➪ ● ➪ Select a folder ➪ ●

3 Select a file ➪ ●

Recorded Program Playback Window

■**To Stop Playback**
➪ CLEAR

Tip

- If a program was stopped partway through, resume playback from that point. Select *YES* and press ●.

Playback Operations

Pause/Play	● or ♪Music
Adjust Volume	◎ or press and hold ◎
	⊞▽- or ⊞△
Mute	▽
Fast Play[1]	◉ or press and hold ♪Music
Frame Forward	◉ during pause
Skip Ahead 30 Seconds[2]	Press and hold ◉ or press and hold ⊞▽-
Skip Back 30 Seconds[2]	Press and hold ◎ or press and hold ⊞△
Toggle Sound Effects	✉
Toggle Portrait and Landscape View[3]	Press and hold ⑨
Show/Hide Subtitles	Press and hold ✎

1 Toggle normal and fast play.

2 Available when recorded program is 30 seconds or more.

3 Available when *Auto-change Screen* is set to *OFF*.

More Features

Advanced

Recording Programs
- Edit Title of a Recorded Program
- Reset Title of a Recorded Program
- Switch Views of Recorded Program List
- Check Information on a Recorded Program
- Check Volume of Recorded Programs
- Delete Recorded Programs

(▶P. 8-14)

Playing Programs
- Specify Point to Start Playback
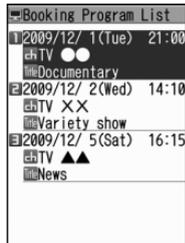
(▶P. 8-15)

Customize

Recording Programs
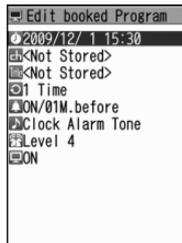- Continue/End Recording at Low Battery

(▶P. 14-23)

Setting View Timer

1 [MENU] ⇨ *TV* ⇨ ● ⇨ *Booking Program List* ⇨ ●

Booking Program List

2 [📖] ⇨ *New* ⇨ ●

View Timer Setting Window

3 [⏱] ⇨ ●▶

▶ **To Enter Date Manually**
Enter Date ⇨ ● ⇨ Enter date and time ⇨ ●

▶ **To Select a Date from Calendar**
Choose Date ⇨ ● ⇨ Select a date ⇨ ● ⇨ Enter time ⇨ ●

4 [📶] ⇨ ● ⇨ Select a channel ⇨ ●

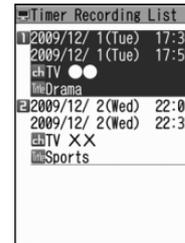**5** [🔔] ⇨ ● ⇨ *ON*, *ON/Set Time* or *OFF* ⇨ ● (⇨ Select a time ⇨ ●)

6 [✉]

Tip
· When the set time arrives, alarm sounds for about five minutes and information (start date/time, channel, program title and animation) appears. Press any key to stop alarm tone.
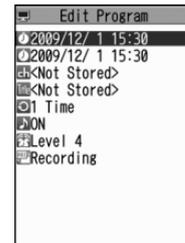
Setting Record Timer

1 [MENU] ⇨ *TV* ⇨ ● ⇨ *Timer Recording List* ⇨ ●

Timer Recording List

2 [📖] ⇨ *New* ⇨ ●

Record Timer Setting Window

3 🕐 ⇨ ● ▶

Enter date and time to start/end recording.

▶ **To Enter Date Manually**
Enter Date ⇨ ● ⇨ Enter date and time to start and end recording ⇨ ●

▶ **To Select a Date from Calendar**
Choose Date ⇨ ● ⇨ Select a date ⇨ ● ⇨ Enter time ⇨ ●

4 ⊞ ⇨ ● ⇨ **Select a channel** ⇨ ●

5 ♪ ⇨ ● ⇨ *ON* or *OFF* ⇨ ●

6 ✉ **(⇨ *YES* or *YES (Confirm Once)* ⇨ ●)**

Note
• If multiple recordings are set back-to-back (same end and start times), the first recording ends ahead of its set end time.

Tip
• One minute before recording starts, alarm sounds for about two seconds. Information appears on Display (start and end dates and times, channel, program title and animation) and TV activates. Recording starts at the set start time.

More Features

Advanced

View/Record Timer
● Select a Timer Alarm Tone
● Enter Title of Booked Program
● Set Regular Activation of View or Record Timer
● Set Timer Alarm Volume
● Activate TV Directly from Timer Alarm Notification Window
● Set Priority at Recording Start Time When a TV & Music Group Function is Active
● Edit View/Record Timer Settings
● Change Order of Booked Programs
● Delete Booked Programs
● Check Volume of Recorded Programs
● Check Result of Timer Recording

(▶ P. 8-15)

Channel Settings

Save Stations to a Channel List Automatically

m ➪ *TV* ➪ ◉ ➪ *Channel Settings* ➪ ◉ ➪ *Automatic* ➪ ◉ ➪ *YES* ➪ ◉ ➪ *YES* ➪ ◉ ➪ Enter title ➪ ◉

🔓 When a Remote Control Number applies to two or more channels, select an area manually.

Save Stations of a Different Area to a Channel List

m ➪ *TV* ➪ ◉ ➪ *Channel List* ➪ ◉ ➪ *Not Stored* ➪ /回 ➪ *Channel Settings* ➪ ◉ ➪ *Select Area* ➪ ◉ ➪ Select area ➪ ◉ ➪ Select prefecture/city ➪ ◉ ➪ *YES* ➪ ◉

Switch Channel Lists

m ➪ *TV* ➪ ◉ ➪ *Channel List* ➪ ◉ ➪ Select a channel list ➪ ◉

Watching TV

Start Here

【TV】window..P. 8-6

Show Program Information

【TV】window ➪ /回 ➪ *Program Info* ➪ ◉

Adjust Brightness

【TV】window ➪ /回 ➪ *Display Setting* ➪ ◉ ➪ *Brightness* ➪ ◉ ➪ Select a level ➪ ◉

Switch Main & Sub Audio

【TV】window ➪ /回 ➪ *Sound* ➪ ◉ ➪ *Main/Sub Sound* ➪ ◉ ➪ Select an audio output option ➪ ◉

Switch Audio Channels

【TV】window ➪ /回 ➪ *Sound* ➪ ◉ ➪ *Sound Switch* ➪ ◉ ➪ Select an audio channel ➪ ◉

🔓 *Sound Switch* is available when there is more than one audio channel.

Show Current Channel List Information

【TV】window ➪ /回 ➪ *Channel* ➪ ◉ ➪ *Channel Info* ➪ ◉

Add Current Station to Channel List

【TV】window ➪ /回 ➪ *Channel* ➪ ◉ ➪ *Add Channel* ➪ ◉ ➪ *YES* ➪ ◉

🔓 This function is useful when you find new stations via auto-search (press and hold ⊙).

Select a Program

【TV】window ➪ /回 ➪ *Channel* ➪ ◉ ➪ *Tune Service* ➪ ◉ ➪ Select a service (program) ➪ ◉

🔓 *Tune Service* is available when more than one service (program) is broadcast from the same station.

Data Broadcasts

Start Here

【Data Broadcast Mode】window ....P. 8-7

Reload Page Accessed from Data Broadcast

【Data Broadcast Mode】window ➪ /回 ➪ *Data Broadcast* ➪ ◉ ➪ *Reload Contents* ➪ ◉

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TV

Check Certificate for SSL Page

【Data Broadcast Mode】 window ⇨ /⊞ ⇨
Data Broadcast ⇨ ● ⇨ *Show Certificate*
⇨ ●

Exit Page and Return to Data Broadcast

【Data Broadcast Mode】 window ⇨ /⊞ ⇨
Data Broadcast ⇨ ● ⇨ *Back to Data BC*
⇨ ●

TV Link

Start Here

Save TV Links

【Data Broadcast Mode】 window ⇨ Select
an item ⇨ ● (⇨ *YES* or *YES (By default)*
⇨ ●)
📲 Some TV links may have expiration dates.

Access Pages/Information from TV Links

MENU ⇨ *TV* ⇨ ● ⇨ *TV Link* ⇨ ●
📲 Types of TV links are indicated by the
following icons:
📑 Memo information
📑 Data broadcast site
📑 Internet content

Show Details of a TV Link

MENU ⇨ *TV* ⇨ ● ⇨ *TV Link* ⇨ ● ⇨ Select
a TV link ⇨ /⊞ ⇨ *Display detail* ⇨ ●

Show Number of Saved TV Links

MENU ⇨ *TV* ⇨ ● ⇨ *TV Link* ⇨ ● ⇨ /⊞ ⇨
No. of TVlink ⇨ ●

Delete TV Links

MENU ⇨ *TV* ⇨ ● ⇨ *TV Link* ⇨ ● ⇨ Select
a TV link ⇨ /⊞
● To Select *Delete This*
  ⇨ *Delete This* ⇨ ● ⇨ YES ⇨ ●
● To Select *Delete selected*
  ⇨ *Delete selected* ⇨ ● ⇨ Select a TV link
  ⇨ ● ⇨ Repeat step of selecting TV link ⇨
  ☑ ⇨ *YES* ⇨ ●
● To Select *Delete All*
  ⇨ *Delete All* ⇨ ● ⇨ Enter Security Code
  ⇨ ● ⇨ *YES* ⇨ ●

Recording Programs

Start Here

Edit Title of a Recorded Program

【Recorded Program List】 ⇨ Select a
program ⇨ /⊞ ⇨ *Edit Title* ⇨ ● ⇨ Edit
title ⇨ ●

Reset Title of a Recorded Program

【Recorded Program List】 ⇨ Select a
program ⇨ /⊞ ⇨ *Initialize Title* ⇨ ● ⇨
YES ⇨ ●

Switch Views of Recorded Program List

【Recorded Program List】 ⇨ /⊞ ⇨ *Switch
List* ⇨ ● ⇨ *Title* or *Title+Image* ⇨ ●

Check Information on a Recorded Program

【Recorded Program List】 ⇨ Select a
program ⇨ /⊞ ⇨ *Show Info* ⇨ ●

Check Volume of Recorded Programs

【Recorded Program List】 ⇨ /⊞ ⇨ *Check
Memory* ⇨ ●

Delete Recorded Programs

【Recorded Program List】➪ Select a program ➪ ⊡
● To Select *Delete This*
  ➪ *Delete This* ➪ ⦿ ➪ *YES* ➪ ⦿
● To Select *Multiple-choice*
  ➪ *Multiple-choice* ➪ ⦿ ➪ Select a file ➪
  ⦿ (repeat to select another file) ➪ ⊡ ➪
  Delete ➪ ⦿ ➪ *YES* ➪ ⦿
● To Select *Delete All*
  ➪ *Delete All* ➪ ⦿ ➪ Enter Security Code
  ➪ ⦿ ➪ *YES* ➪ ⦿

Playing Programs

Start Here

【Recorded Program Playback】 window
.... **P. 8-9**

Specify Point to Start Playback

【Recorded Program Playback】 window ➪
⦿ ➪ ⊡ ➪ *Location* ➪ ⦿ ➪ ⊙ to
specify point ➪ ⦿

View/Record Timer

Start Here

【Booking Program List】................................ **P. 8-11**
【View Timer Setting】 window.............**P. 8-11**
【Timer Recording List】 .... **P. 8-11**
【Record Timer Setting】 window ....**P. 8-11**

Select a Timer Alarm Tone

【View Timer Setting】 window ➪ 🎵 ➪ ⦿
➪ Select a folder ➪ ⦿ (➪ Select a sub
folder ➪ ⦿) ➪ Select an alarm tone ➪ ⦿

Enter Title of Booked Program

【View Timer Setting】 window/【Record
Timer Setting】 window ➪ 🔳 ➪ ⦿ ➪
Enter program title ➪ ⦿

Set Regular Activation of View or Record Timer

【View Timer Setting】 window/【Record
Timer Setting】 window ➪ 🔘 ➪ ⦿ ➪
1 Time, *Daily* or *Select Day* ➪ ⦿

📖 When *Select Day* is specified, select days of
the week and press ⊠.

Set Timer Alarm Volume

【View Timer Setting】 window/【Record
Timer Setting】 window ➪ 🔔 ➪ ⦿ ➪ ◊
to adjust volume ➪ ⦿

Activate TV Directly from Timer Alarm Notification Window

【View Timer Setting】 window ➪ 🖥 ➪ ⦿
➪ *ON* or *OFF* ➪ ⦿

📖 When *ON* is set, press ⦿ twice, select *YES*
and press ⦿ from Alarm Notification
window to activate TV and watch the booked
program.

Set Priority at Recording Start Time When a TV & Music Group Function is Active

【Record Timer Setting】 window ➪ 🔲 ➪
⦿ ➪ *Recording* or *Operation Preferred* ➪
⦿

📖 When *Recording* is set, the function in
operation is interrupted/ended, and
recording starts. When *Operation
Preferred* is set, a confirmation asking to
start recording appears.

Edit View/Record Timer Settings

【Booking Program List】/【Timer Recording
List】 ➪ Select a booked program ➪ ⊠ ➪
Edit each item ➪ ⊠

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TV

Change Order of Booked Programs

【Booking Program List】/【Timer Recording List】 ⇨ ⊡ ⇨ *Sort* ⇨ ● ⇨ Select a criterion ⇨ ●

Delete Booked Programs

【Booking Program List】/【Timer Recording List】 ⇨ Select a program ⇨ ⊡ ⇨ *Delete* ⇨ ●

- To Select *Delete This*
 ⇨ *Delete This* ⇨ ● ⇨ *YES* ⇨ ●
- To Select *Delete selected*
 ⇨ *Delete selected* ⇨ ● ⇨ Select programs ⇨ ● ⇨ Repeat step of selecting programs ⇨ ⊡ ⇨ *YES* ⇨ ●
- To Select *Delete All*
 ⇨ *Delete All* ⇨ ● ⇨ Enter Security Code ⇨ ● ⇨ *YES* ⇨ ●

🔖 Select *Delete past* to delete old bookings.

Check Volume of Recorded Programs

【Timer Recording List】 ⇨ ⊡ ⇨ *Memory Info* ⇨ ●

Check Result of Timer Recording

▣ ⇨ *TV* ⇨ ● ⇨ *Result Timer Rec* ⇨ ● ⇨ Select an entry ⇨ ●

🔖 Press ● to play the recorded program.

8

TV