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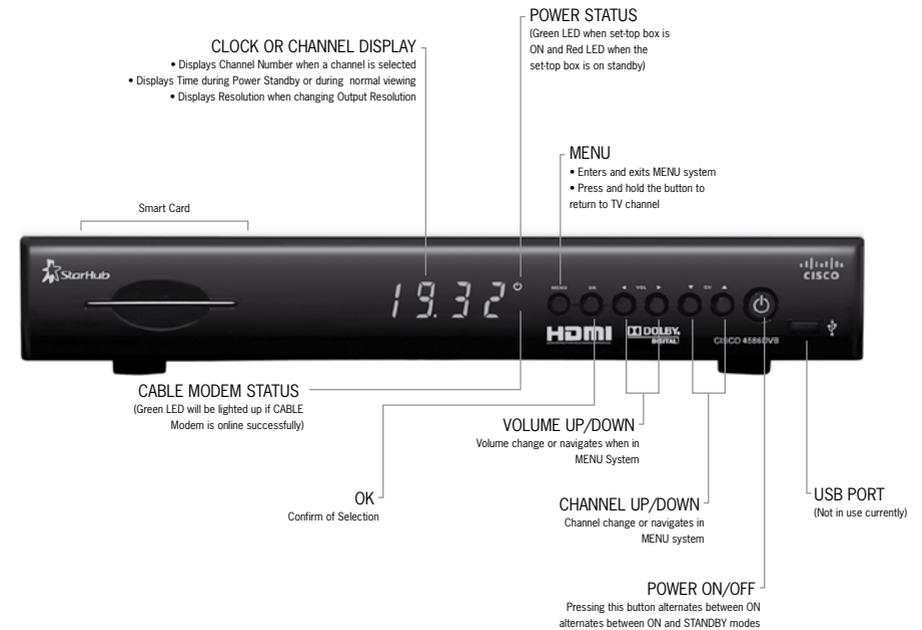
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## Getting Started

### HD Interactive Set-top Box

The HD Interactive set-top box provides you with a host of special features, including the menu system, volume control and channel navigation. You can access these features via the control buttons on the front of the HD Interactive set-top Box.



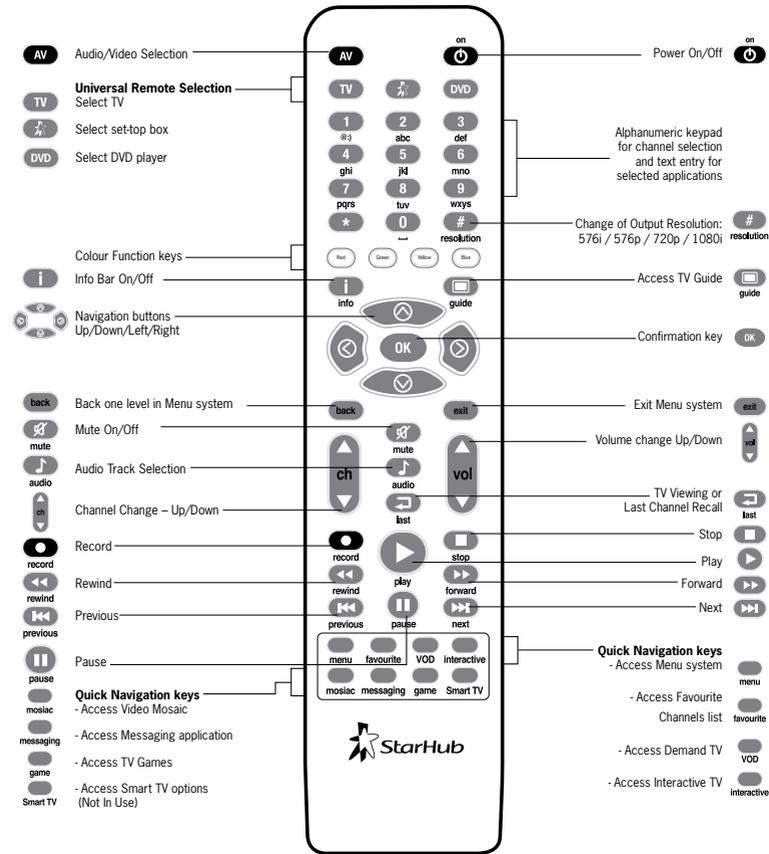
#### IMPORTANT

- When you switch off your TV set, you should always put the HD Interactive set-top box on stand-by mode for regular software updates.
- You may see the IR Green LED blinking whenever there are new software updates. When this happens, you should press the POWER ON/OFF button (on standby mode) on the HD Interactive set-top box once, and you will see the loading screen instructing you to wait till downloading is completed.
- Always place your HD Interactive set-top box on a smooth, flat surface.
- Air should circulate freely under and around the box to prevent overheating. Do not place anything on top of your HD Interactive set-top box.
- Do not place the HD Interactive set-top box near wet or moist areas.
- If the display flickers and the HD Interactive set-top box does not change channels, unplug it from the wall cable point and wait at least ten seconds before plugging it back again. Press the ON/OFF button to reactivate the HD Interactive set-top box and try again.
- Do not dismantle the HD Interactive set-top box to attempt servicing it on your own. Please call 1633 and have your 8-digit Customer Number ready.

## Getting Started

### StarHub Universal Remote Control

The StarHub universal remote control offers you the convenience of accessing the features available from the set-top box remotely. It also allows you to control your TV set and DVD player as well. Please refer to the remote control manual on how to configure and control your TV and DVD player.



#### IMPORTANT

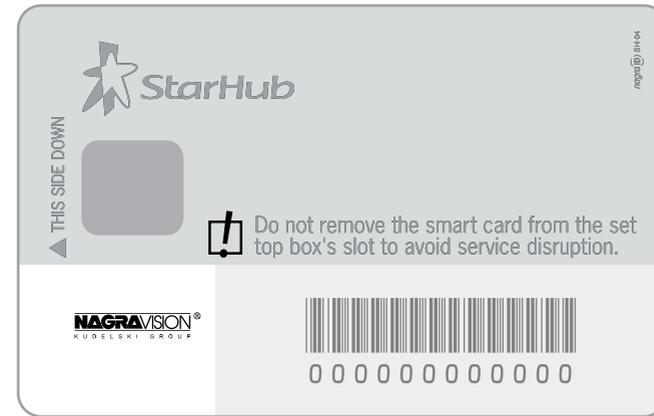
- When using the remote control, make sure there are no obstructions between the remote control and the HD Interactive set-top box.
- If the channels can be changed with the HD Interactive set-top box and not with the remote control, check if the remote control batteries are weak.
- If you cannot change channels using either the HD Interactive set-top box or the remote control, do not attempt your own servicing. Please call 1633 and have your 8-digit Customer Number ready.

## Getting Started

### Smart Card

Every HD Interactive set-top box has a designed Smart Card which can be found in the Smart Card slot in the front of the HD Interactive set-top box.

The Smart Card is used to store data about your unique customer subscription package. It also allows StarHub to provide 'live' updates of programme rights and other application data directly to your HD Interactive set-top box.



#### How To Insert

If you are inserting your Smart Card, please follow the directional arrow indicate on the Smart Card. If your Smart Card is not inserted correctly, an error message will appear on your TV Screen.



Smart Card Slot

#### IMPORTANT

Please keep the Smart Card in its slot at all times. Removal of Smart Card can lead to disruption of programmes or interruption of regular software updates from StarHub.

Should you suspect that your Smart Card is faulty, do not attempt to service it yourself. Please call 1633 and have your 8-digit Customer Number ready.

## Guide To High Definition TV Applications

### HDTV

High Definition Television (HDTV) marks the most significant milestone in the history of broadcast technology since colour TV.

With HDTV service on StarHub TV, you and your family will embark on a new level of television viewing experience as never before. In addition to crystal-clear images that are 4 times sharper than standard TV and colours that are true to life, you will enjoy HD programmes in widescreen format just like at the cinema. Dolby Digital 5.1 Surround Sound (where available) capability means that you can enjoy multi-dimensional, cinema-quality sound right in your living room.

What's more, your HD Interactive set-top box supports both standard definition (SD) and HD channels. Hence, you can conveniently access and view both SD and HD programmes using the same box.

#### Here's how to enhance your TV viewing experience.

##### Widescreen Picture (16:9)

Get a panoramic view of the action with 33% more of the picture to see.

##### True-to-life-colours

Be mesmerized by lifelike images with a display of millions more colours.

##### Crystal Clear Images

You won't miss a single detail with 4x more sharpness than ever before.

##### Cinematic Sound

Enjoy Dolby® Digital 5.1 surround sound on selected shows with a compatible speaker system.

##### Quality HD Programmes

With the suite of HD channels available on StarHub TV, you can enjoy high definition entertainment from world-class, award-winning channels.

**Note:** To enjoy HDTV, you need to be using a HD-ready TV set that meets the following minimum specifications:

- Supports vertical video resolution of at least 720 lines
- Supports 16:9 Widescreen aspect ratio
- Supports the following Video Input types: Component (Y-Pb-Pr) or High Definition Multimedia Interface (HDMI)
- Supports HDCP copy protection.

## Guide to High Definition TV

### Video Resolution

HD programmes are broadcast on a very high visual quality with a vertical resolution of up to 1,080 lines.

In order to obtain the best viewing possible, you can adjust the video output of the HD Interactive set-top box using the remote control given.

The following four video output resolutions are available on the HD Interactive set-top box: **576i (default), 576p, 720p & 1080i.**

To obtain the best visual experience, set the video output resolution to **1080i.**



#### How To Use

Functions	Directions
1. To view the current video resolution of the HD Interactive set-top box	Press the <b>HEX</b> button <b>#</b> on your remote control. The current video output resolution will be shown momentarily on the LED front panel display.
2. To change Video output resolutions to 1080i	Press the <b>HEX</b> button <b>#</b> on your remote control again.  When you have reached the video output resolution of 1080i, release the <b>HEX</b> button <b>#</b> .

**Note:** Please note that on some HD-ready TV sets, you may experience problems displaying video output on the **576i** resolution. If you see a black screen on TV, please continue to press the **HEX** button **#** on your remote control to change to the next higher video output resolution.



## Guide to High Definition TV

### Surround Sound

Where available, HD programmes are broadcast with **Dolby® Digital 5.1 Surround Sound** effects.

If you are using a **Dolby® Digital 5.1** home theatre system, you can connect the HD Interactive set-top box to your home theatre system to complete your HDTV viewing experience with surround sound digital audio effects.

In the set-top box Preference Settings screen, enable **Dolby® Digital** audio output selection.



#### How To Use

Functions	Directions
1. To enable Dolby® Digital 5.1 audio output	Press the <b>MENU</b> button  on your remote control.
<b>Settings</b>	Use the <b>navigation</b> arrow buttons to select <b>Settings</b> followed by <b>General Settings</b> and Dolby Digital.
	Use the <b>UP</b> or <b>DOWN</b> arrow button to change the selection to <b>YES</b> .
	Press the <b>OK</b> button  to confirm your selection.

**Note:** Enable Dolby® Digital audio output selection **ONLY** if you are using a Dolby® Digital 5.1 home theatre system or if your HD-ready TV supports Dolby® Digital surround sound.

## Guide to Digital Cable Features

### On-Screen TV Guide

The On-Screen TV Guide gives you access to comprehensive information on current and upcoming programmes including schedules, synopses, cast and crew, available audio tracks and programme genre for the channel of your choice. (Note: Information may not be available for some programmes).

To access the On-Screen TV Guide, press the **GUIDE** button on your remote control. You will see the Channel Listing on your TV screen as shown below.



#### How To Use

Functions	Directions
1. To toggle between List Guide and Grid Guide	Press the <b>GUIDE</b> button  on your remote control to toggle between List Guide and Grid Guide.
2. To choose a channel.	The channel you are currently watching is highlighted. Use the <b>UP</b> or <b>DOWN</b> arrow button on your remote control to scroll through the list of channels and press the <b>OK</b> button  to go to the channel you wish to watch.
3. To access current and upcoming programmes list.	Press the <b>RIGHT</b> arrow button  on your remote control for Programme Listing. The highlight and arrow buttons will move to the programme list on the right.
4. To access programme schedules for today.	On the Programme Listing Page, press the <b>UP</b> or <b>DOWN</b> arrow button to scroll.
5. To access programme schedules for tomorrow.	Press the <b>RIGHT</b> arrow button  on your remote control.
6. To access programme schedules from 4th to 7th day.	Press <b>RIGHT</b> arrow button  on your remote control. Press <b>LEFT</b> arrow button  to return to the previous day.
7. To go to the previous or next page	Press <b>CH UP</b> or <b>CH DOWN</b> to go to the previous or next page.
8. For additional information on programmes. Note: Additional programme information such as synopses, cast and audio tracks may not be available for some programmes.	Press the <b>INFO</b> button  or the <b>OK</b> button  for more options.
9. To set default Listing or Grid Guide	Press <b>MENU</b> . Select <b>Settings</b> followed by <b>General Settings</b> and <b>Grid Style</b> : select <b>List</b> or <b>Grid</b>

# Guide to Digital Cable Features

## Genre Search

To help you find your favourite programmes easily, you can sort the channels in the On-Screen TV Guide according to their genre.

By default, the channels are arranged according to Channel Number.

Use the **YELLOW (SORT)** button  to sort the channels further. You can sort the channels in the On-Screen TV Guide in the following sequence:

- Channel Number
- Channel Name (Alphabetical Order)
- Favourites List 1-5
- International
- Ethnic
- Sports
- Kids
- Education
- Lifestyle
- Entertainment
- Movies
- News
- Chinese

### How To Use

Functions	Directions
1. To sort the channels in the On-Screen TV Guide according to genre.	<p>Press the <b>GUIDE</b> button  on your remote control.</p> <p>The channels are arranged according to Channel Number by default. Press the <b>OK</b> button  and select Sort. Press the OK button to arrange the channels according to Channel Name.</p> <p>Press the <b>OK</b> button  again to display only the Favourites (1-5).</p> <p>Continue to press the <b>OK</b> button  to search through the other genres in the sequence above.</p>

# Guide to Digital Cable Features

## Search

The Search feature allows you to look for your favourite programmes within the next 7 days. You can search based on the programme title or by the cast in the show.



### How To Use

Functions	Directions
1. To access search function	<p>Press the <b>MENU</b> button  on your remote control</p> <p>Select <b>TV guide</b> followed by <b>Guide</b>.</p> <p>Press the <b>OK</b> button  to confirm your selection.</p>
2. To search by Titles or by Persons	<p>Press the <b>OK</b> button  on your remote control and select <b>SEARCH</b>.</p> <p>Select either Titles or Persons and press the <b>OK</b> button  .</p> <p>Use the navigation arrow buttons to highlight the alphabets and press <b>OK</b>  to select them.</p> <p>To backspace and correct a mistake, select <b>DELETE</b> "←" and press <b>OK</b> button  to correct.</p> <p>After the entry of the key words, press the <b>RIGHT</b> button  until you reach the Title column to select title</p> <p>Use the <b>UP</b>  or <b>DOWN</b>  arrow button to select the correct programme title or person, and press <b>OK</b> button  to list the search results.</p>

## Guide to Digital Cable Features

### More Show Times

More Show Times offers you the ease of checking the alternative show times of your favourite programme.



#### How To Use

Functions	Directions
1. To access more show times function	Press the <b>GUIDE</b> button  on your remote control
	Press the <b>RIGHT</b> arrow button  to select a programme
	Press the <b>OK</b> button  and select <b>More Show Times</b> to list the alternative show times of the selected title.

## Guide to Digital Cable Features

### Video Mosaic

Video Mosaic allows you easy access to your full selection of channels. To access Video Mosaic, press the **MOSAIC** button on the remote control. A multiplex of 16 windows per page will be displayed. Each window represents one channel.



#### How To Use

Functions	Directions
1. To view all channels available.	Press the <b>MOSAIC</b> button  . Move the highlighted box using the <b>LEFT</b>  or <b>RIGHT</b>  arrow button on your remote control.
2. To select a channel.	Move the highlighted box to the selected channel and press the <b>OK</b> button  on your remote control for a full-screen view. If you have not subscribed to the selected channels, you will not be able to have a full-screen view.
3. To access the On-Screen TV Guide for a channel.	Move the highlighted box to the channel you wish to select and press the <b>GUIDE</b> button  .
4. To return to Video Mosaic from the On-Screen TV Guide.	Press the <b>MOSAIC</b> button  .
5. To exit Video Mosaic and return to the last watched channel anytime.	Press the <b>LAST</b>  or <b>EXIT</b>  button.

## Guide to Digital Cable Features

### Info Bar

Info Bar gives you details of the programmes you are watching including the channel number, channel name, programme genre, programme title and programme start and end times. Details of programmes in the next 24 hours will also be available on the Info Bar.



#### How To Use

Functions	Directions
1. To access the Info Bar for a programme you have selected.	Press the <b>INFO</b> button  on the remote control.
2. To access channel information for a programme currently showing on another channel.	Use the <b>UP</b>  or <b>DOWN</b>  arrow button on your remote control to scroll through the channel listings.
3. To check the programmes within 24 hours.	Press <b>RIGHT</b> arrow button  to proceed to the next programme. Press <b>LEFT</b> arrow button  to go back to the previous programme.
4. To access additional programme information (Info Page). Note: For more information, refer to the Info Page on page 13.	Press the <b>INFO</b>  button.
5. To select your preferred audio track for the programme. Note: Selection is possible only if another language is available.	Press the <b>AUDIO</b> button  .

## Guide to Digital Cable Features

### Info Page

The Info Page offers you detailed information on a programme such as programme genre, programme duration, episode number and title, directors and cast and available audio tracks.

To access the Info Page from the Info Bar, press the **INFO**  button.



#### How To Use

Functions	Directions
1. For <b>More Show Times</b> . (if available)	Select <b>More Show Times</b> using <b>UP</b>  and <b>DOWN</b>  arrow buttons. Press <b>OK</b> button  to view more show times.
2. To toggle between English and Chinese programme information. Note: Chinese programme information is available for chinese programme only.	Select <b>Language</b> using <b>UP</b>  and <b>DOWN</b>  arrow buttons. Press the <b>OK</b> button  to change the language.
3. For <b>Auto Tune / Programme Alert</b> of selected programme.	Select <b>Auto Tune / Programme Alert</b> using the <b>UP</b>  and <b>DOWN</b>  buttons. Press the <b>OK</b> button  to confirm.
4. To <b>Search</b> for other programmes by Titles and Persons.	Select <b>Search</b> using the <b>UP</b>  and <b>DOWN</b>  arrow buttons. Press the <b>OK</b> button  to confirm.

## Guide to Digital Cable Features

### Programme Information In Chinese

This mode allows for programme information to be in Chinese text for Chinese channels and in English text for all other channels. If you prefer, you may change the Preferred Language Setting to English to view all programme information in English only.

#### How To Use

Functions	Directions
1. To change the Preferred Language.	<p>Press <b>MENU</b> button , select <b>Settings</b> followed by <b>General Settings</b> then <b>Preferred Language</b> using the arrow buttons.</p> <p>Use the <b>UP</b>  or <b>DOWN</b>  arrow button to select Bilingual or English as the Preferred Language Setting.</p> <p>Press <b>OK</b> button  to save settings</p> <p>Note: Chinese programme information is available only for Chinese programmes.</p>

### Programme Alert (Set Reminder)

You can programme your HD Interactive set-top box to prompt you with an on-screen message when your favourite programmes are about to be shown. You can also set the preferred time for the message to appear, from 1 to 60 minutes before showtime.

#### How To Use

Functions	Directions
1. To Add/Delete Alert	<p>Press the <b>GUIDE</b> button  on your remote control.</p> <p>Press the <b>UP</b>  or <b>DOWN</b>  arrow button to select the channel for programme you want to be alerted of.</p> <p>Press the <b>RIGHT</b>  arrow button, followed by the <b>UP</b>  or <b>DOWN</b>  arrow button to select the appropriate programme time-slot.</p> <p>Press the <b>OK</b> button  for more options. Select <b>Programme Alert</b> using the arrow buttons.</p> <p>Press the <b>OK</b> button  to set your preferred <b>Alert Duration</b> (i.e. how long before the programme starts for the alert message to pop up on-screen).</p> <p>Select the following options to set the <b>Alert Duration</b> before the program starts:</p> <ul style="list-style-type: none"> <li>•1 min •2 min •5 min •15 min</li> <li>•20 min •30 min •40 min •50 min •60 min</li> </ul> <p>Press the <b>OK</b> button  to confirm your selection.</p> <p>To delete an alert, select the entry you want to delete. Press <b>OK</b> for more options followed by Programme</p>

## Guide to Digital Cable Features

### Favourite Channel Setting

You can switch within a pre-selected list of preferred channels by pressing the **FAVOURITE** button  on your remote control. To begin, you must select the channels to be included in your list of favourite channels. You can select up to 5 Favourite Lists.

#### How To Use

Functions	Directions
1. To set a favourite channel	<p>Press the <b>MENU</b> button  on your remote control.</p> <p>Select <b>TV Guide Menu</b> followed by <b>Favourites</b> on the TV screen using the arrow buttons. Press <b>OK</b> to launch Favourites..</p> <p>Use the arrow buttons to select the respective Favourite list (1-5) you wish to add channels. Press the <b>RIGHT</b>  arrow button to confirm.</p> <p>Use the <b>UP</b>  or <b>DOWN</b>  arrow button to choose the channels or press the channel number you wish to add. Press the <b>YELLOW (SELECT)</b> button  to select your favourite channels.</p> <p>Press the <b>OK</b> button  or the <b>LEFT</b>  button to confirm your selection and return to the main menu.</p>
2. To activate a favourite list	<p>Press the <b>MENU</b> button  on your remote control.</p> <p>Select <b>TV Guide Menu</b> followed by <b>Favourites</b> on the TV screen using the arrow buttons. Press <b>OK</b>  or <b>RIGHT</b>  arrow button to launch Favourites.</p> <p>Choose the Favourite lists by using the <b>UP</b>  or <b>DOWN</b>  arrow button.</p> <p>Press the <b>OK</b> button  to confirm your selection.</p>
3. To access a favourite channel	<p><b>Option 1</b> Press the <b>FAVOURITE</b> button  on your remote control to access your favourite channels. Surf your favourite channels by pressing the <b>FAVOURITE</b> button .</p> <p><b>Option 2</b> Press the <b>GUIDE</b> button  while watching TV. Press OK and select Sort. Press OK and toggle between Favourites 1 – 5. Your favourite channels will be listed in alphabetical order. Select the channel you want to watch and press the <b>OK</b> button .</p> <p>Note: The FAVOURITE button will only tune to the channels in the activated Favourites List.</p>
4. To remove a favourite channel	<p>Press the <b>MENU</b> button  on your remote control.</p> <p>Select <b>TV Guide Menu</b> followed by <b>Favourites</b> on the TV screen using the arrow buttons. Select the Favourite list (1-5) to remove channels.</p> <p>Use the <b>YELLOW</b> button  to remove your previous selection(s).</p> <p>Press the <b>OK</b>  or <b>LEFT</b> arrow  button to confirm your selection and return to the Favourite lists.</p>

### Last Channel Recall

For instant access to the channel you were last viewing, press the **LAST** button .

## Guide to Digital Cable Features

### Parental Lock Setting

You may choose to lock a number of channels, after which they will only be accessible via a 6-digit (numeric) Personal Identification Number (PIN). This feature allows parents to control what their children watch.



#### How To Use

Functions	Directions
1. To lock a channel.	Press the <b>MENU</b> button  on your remote control.
	Select <b>TV Guide Menu</b> followed by <b>Parental Lock</b> on the TV screen using the arrow buttons. Press <b>OK</b>  button or <b>RIGHT</b> arrow  button to launch Parental Lock.
	Enter your 6-digit numeric PIN to access the Channel Listing screen. (The default PIN is 000000). To set a new PIN, see <b>Change Pin</b> section.
	Scroll to the channel using the <b>UP</b>  or <b>DOWN</b>  arrow button.
	In the Parental Lock column, use the <b>YELLOW</b> button  to select the channels you wish to lock.
2. To unlock a channel.	Press the <b>OK</b> button  to confirm and save your selection. The channels you have selected will now be accessible only by entering the correct 6-digit numeric PIN.
	Press the <b>MENU</b> button  on your remote control. Select <b>TV Guide Menu</b> followed by <b>Parental Lock</b> on the TV screen.
	Enter your 6-digit numeric PIN to access the Channel Listing screen.
	In the Parental Lock column, use the <b>YELLOW</b> button  to unselect the channels you wish to unlock.
	Press the <b>OK</b> button  to confirm and save your selection. The channels you have selected are now unlocked and accessible by anyone.

## Guide to Digital Cable Features

### Auto-Tune Setting

You may prepare your HD Interactive set-top box to switch channels at pre-determined times and dates for recording purposes.

#### How To Use

Functions	Directions
1. To access Auto-Tune.	Press the <b>MENU</b> button  on your remote control.
	Select <b>TV Guide Menu</b> followed by <b>Auto-Tune</b> on the TV screen, to access the Auto-Tune event list. Press <b>OK</b>  or <b>RIGHT</b>  arrow button to launch Auto Tune
2. To add a new Auto-Tune event.	Within the Auto-Tune screen, press the <b>GREEN (ADD)</b> button  to add a new event. You will be required to set the following: <ul style="list-style-type: none"> <li>•Frequency</li> <li>•Start Date</li> <li>•Start Time</li> <li>•Channel</li> </ul>
3. To set the Frequency.	Select Frequency and Press the <b>RIGHT</b>  arrow button Use the <b>LEFT</b>  or <b>RIGHT</b>  arrow button to select from the following options and press <b>OK</b>  button to save selection: <ul style="list-style-type: none"> <li>•Once</li> <li>•Daily</li> <li>•Weekly</li> </ul>
4. To fix Start Date.	Use arrow button to select Start date. Use the <b>LEFT</b>  or <b>RIGHT</b>  arrow button on your remote control to set the date for Auto-Tune to activate, e.g. Mon 05 Jan.
5. To confirm Start Time.	Using the <b>number</b> buttons on your remote control, enter the time you want the HD Interactive set-top box to switch to the channel of your choice. The time is displayed in 12-hour format, e.g. 01:30PM or 11:25AM. Use the <b>RIGHT</b>  arrow button to select "AM" or "PM".
6. To select the Channel.	Using the <b>number buttons</b> on your remote control, enter the channel number you want the HD Interactive set-top box to tune to. Press <b>OK</b>  button to save settings.
7. To view and delete your preset event.	Press the <b>MENU</b> button  on your remote control.
	Select <b>TV Guide Menu</b> followed by <b>Auto-Tune</b> on the TV screen to access the Auto-Tune event list using the arrow buttons.  To delete an event on the list, select the event and press the <b>YELLOW</b> button  . The selected event will be deleted from the list.

## Guide to Digital Cable Features

### Change PIN

This function allows you to replace the default or old PIN of your HD Interactive set-top box with a new number. The PIN should be kept confidential as it will enable you secured access to selected services or features.



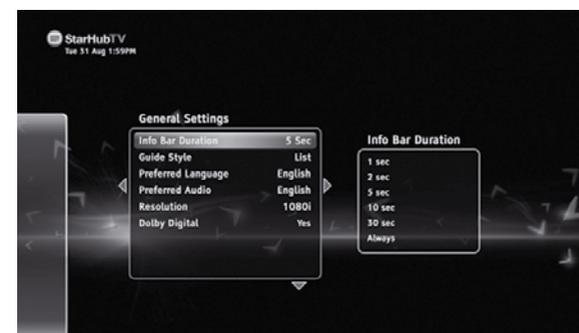
#### How To Use

Functions	Directions
1. To change/set a new PIN. Note: Please be reminded that the PIN should be kept confidential.	<p>Press the <b>MENU</b> button  on your remote control.</p> <p>Select <b>Settings</b> followed by <b>Change PIN</b> on the TV screen using the arrow buttons. Press <b>OK</b>  button to change PIN.</p> <p>Enter your current 6-digit numeric PIN. (The default PIN is set to 000000). You will be prompted to enter your new PIN, enter your new 6-digit numeric PIN.</p> <p>On the next screen, enter and confirm your new PIN. Enter again your new 6-digit numeric PIN.</p> <p>A message will appear on-screen to inform you if the change has been successful. Press the <b>OK</b> button  again to return to the Settings Menu.</p>

## Guide to Digital Cable Features

### Preferences Settings

This function personalises your viewing preferences including Info Bar Duration, Preferred Language, Preferred Audio, TV Aspect Ratio and Video Format.



#### How To Use

Functions	Directions
1. To change Info Bar Duration.	<p>Press <b>MENU</b> button  on your remote control. Select <b>Settings</b> followed by <b>General Setting</b>, then select <b>Info Bar Duration</b> using the arrow buttons.</p> <p>Use the <b>UP</b>  or <b>DOWN</b>  arrow button to set the duration you wish the Info Bar to appear on the TV screen.</p> <p>Press the <b>OK</b> button  to save your selection.</p>
2. To change Preferred Language.	<p>Select <b>Settings</b> followed by <b>General Setting</b> and <b>Preferred Language</b>. Use the <b>LEFT</b>  or <b>RIGHT</b>  arrow button to change the settings.</p> <p>The default language is <b>Bilingual</b>. This mode allows for programme information to be in Chinese text for Chinese channels and English text for all other channels.</p>
3. To change Preferred Audio.	<p>Select <b>Settings</b> followed by <b>General Settings</b> and <b>Preferred Audio</b>. Use the <b>LEFT</b>  or <b>RIGHT</b>  arrow button to select your Preferred Audio language.</p>
4. To change resolution.	<p>Select <b>Settings</b> followed by <b>General Settings</b> and Resolution: • 576i • 576p • 720p • 1080i</p>

## Guide to Demand TV

### Catalogue Page

Demand TV offers you Video-On-Demand Titles. You can now pick from a wide selection of content and watch them instantly, at your convenience.

#### Video-on-Demand Title

Save the hassle of running to the video rental store - Now, you can shop for the video-on-demand titles you want and watch them instantly. Select from a wide variety of content, ranging from movies, sports special to ethnic shows and Asian drama series. For drama series, you can buy a single episode or the entire series and enjoy them in the language you like (for series that come in dual sound).

To access the Demand TV catalogue, press the **VOD** button on your remote control. When you see the Demand TV portal, you will see the Catalogue Page as show below.



#### How To Use

Functions	Directions
1. To access Demand TV catalogue	Press the <b>VOD</b> button on the remote control
2. To browse/buy title(s) from the highlights of the different categories on the top tiles	Use <b>UP</b> or <b>DOWN</b> buttons to navigate to the top tiles for the highlights of the different categories.
	Use the <b>LEFT</b> or <b>RIGHT</b> arrow buttons to scroll through the titles
	Press the <b>OK</b> button to preview/purchase the selected title. If you have purchased the programme, it will start to play.
	Press <b>OK</b> button for more options. Select Watch to view/purchase programme title.
3. To browse/buy other titles from the different categories	Press the <b>VOD</b> button on the remote control
	Use the <b>UP</b> or <b>DOWN</b> arrow buttons to select a category
	Press the <b>RIGHT</b> button to go to the next selected category and <b>LEFT</b> button to return to previous page.
	Use the <b>navigation</b> arrow buttons to select the title you wish to purchase
4. To change the categories to English/Chinese	Press the <b>OK</b> button to purchase the selected title. If you have purchased the programme, it will start to play.
	In the Buy Options section use the <b>UP</b> or <b>DOWN</b> arrow buttons to select your buy option
	Press the <b>OK</b> button to purchase the selected buy option
	Press <b>OK</b> button to confirm the transaction. Once the transaction is successful, the programme will play immediately.
	Press <b>OK</b> button for more options.
	Press <b>DOWN</b> arrow button to select "Bilingual" or "English".
	Press <b>OK</b> button to Confirm.

### How To Use

Functions	
5. To go to the previous or next page	Press <b>CH UP</b> or <b>CH DOWN</b> to go to the previous or next page.
6. To change the categories to English/Chinese	Press <b>OK</b> button for more options.
	Press <b>DOWN</b> arrow button to select "Bilingual" or "English".
	Press <b>OK</b> button to confirm

## Guide to Demand TV

### Buy Options Page

The **Buy Options Page** will list the various purchase options available for the selected programme. Information such as the expiry date of the viewing period and pricing details will also be shown on this page.

To access the **Buy Options Page**, select the titles and press the **OK** button. Select Watch and press OK button to go to Buy Options. (Note: If titles are free or have been purchased before, title will play immediately.)



### How To Use

Functions	Directions
1. To access the Buy Options page	<p>Press the <b>VOD</b> button on your remote control to launch the Demand TV catalogue page</p> <p>Use the <b>UP</b> or <b>DOWN</b> arrow buttons to select a category. Press <b>RIGHT</b> to confirm.</p> <p>Press the <b>RIGHT</b> button to view the titles available in the selected category</p> <p>Use the <b>UP</b> or <b>DOWN</b> arrow buttons to select the title you like to purchase and select Watch</p> <p>Press the <b>OK</b> button to access the <b>Buy Options</b> page (as show above).</p>

## Guide to Demand TV

### Buy List Page

On the Buy List Page, you can view the list of the titles/series that you have recently purchased. You can access the Buy List Page from the Demand TV Catalogue Page.

#### How To Use

Functions	Directions
1. To play a purchased title/series	Press the <b>VOD</b>  button on your remote control to launch the Demand TV catalogue page
	Press the <b>OK</b> button  for more options.
	Select Buy List. Press <b>OK</b> button  to confirm.
	In the Buy list page, use the <b>UP</b>  or <b>DOWN</b>  arrow buttons to select the title or series you want. Press <b>RIGHT</b>  arrow button to select title or series.
	Use the <b>UP</b>  or <b>DOWN</b>  arrow buttons to select the title or episode and press <b>OK</b>  button to start watching

## Guide to Demand TV

### Info Page

The Info Page provides information on the movie/series you have selected earlier. Such as show title, the duration of the show, the episode number when applicable and the show synopsis.

To access the Info Page, select a programme and press **OK** for more options and select **More Info** or press the **INFO** button on your remote control.

### Instant Buy - Subscription Lock

You may choose to prevent unauthorized purchases and access to Demand TV by setting a Subscription Lock. The transaction will only proceed upon the correct entry of the 6-digit (numeric) Personal Identification Number (PIN).

#### How To Use

Functions	Directions
1. To access the Demand TV Parental Lock page	Press the <b>MENU</b> button  on your remote control.
	Select <b>Settings</b> . Press the <b>RIGHT</b>  arrow or <b>OK</b> button  to confirm your selection.
	Select <b>Demand TV Parental Lock</b> . Press the <b>RIGHT</b>  arrow or <b>OK</b> button  to confirm your selection.
	Enter your 6-digit numeric PIN (default PIN : 000000) to activate.
2. To activate or deactivate Demand TV Lock  Note: This feature will lock the application and there will be a prompt to enter PIN before the loading of the Demand TV catalogue page.	At the Demand TV Parental Lock Page, select <b>Lock Application</b> . Press <b>RIGHT</b>  arrow button to confirm.
	To activate, use the <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>YES</b> , and press the <b>OK</b>  button to confirm your selection.
	To deactivate, press <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>NO</b> and press the <b>OK</b> button  to confirm your selection.

### How To Use

Functions	Directions
<p>3. To activate or deactivate Buy/Purchase Lock</p> <p>Note: This feature will prompt the user to enter the PIN before the purchase can be confirmed.</p>	<p>At the Demand TV Parental Lock Page, select <b>Buy/Purchase</b>. Press <b>RIGHT</b>  arrow button to confirm.</p> <p>To activate, use the <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>YES</b>, and press the <b>OK</b>  button to confirm your selection.</p> <p>To deactivate, press <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>NO</b> and press the <b>OK</b>  button to confirm your selection.</p>
<p>4. To activate, change or deactivate Age Rating Lock</p> <p>Note: This feature will prompt the user to enter the PIN before a programme that is rated can be viewed or purchased.</p>	<p>At the Demand TV Parental Lock Page, select <b>Age rating</b>.</p> <p>To activate, use the <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>16</b>, <b>18</b> or <b>21</b>, and press the <b>OK</b>  button to confirm your selection.</p> <p>To deactivate or change the rating, press <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>None</b> and press the <b>OK</b>  button to confirm your selection.</p>

## Guide To Interactive Services

### KaraOK! - Song Catalogue

KaraOK! offers a wide selection of Chinese, English, Dialect, Evergreen and Malay songs. There will be regular updates and addition of new karaoke videos. You can now sing and practise your favourite or latest songs in the comfort of your home.



### How To Use

Functions	Directions
1. To access and subscribe KaraOK!	<p>Press <b>Ch 888</b> on your remote control.</p> <p>If you have not subscribed to KaraOK!, use the <b>UP</b>  or <b>DOWN</b>  arrow buttons to select the package and press <b>OK</b>  button to purchase.</p> <p>For customers who have subscribed to KaraOK!, the catalogue will appear upon tuning in to <b>Ch 888</b>.</p>
2. To browse and select songs from the catalogue	<p>Use the <b>navigation</b> arrow buttons to scroll through the categories, and press <b>OK</b>  to confirm.</p> <p>Alternatively, you can press the corresponding arrow button to go to the respective categories.</p>
3. To schedule a song	<p>At the listings of songs, select the song you wish to schedule and press <b>OK</b>  or the corresponding number.</p> <p>The song title will be highlighted when it has been scheduled in the playlist.</p>
4. To change the text between English and Chinese	Press <b>*</b> button on your remote control.
5. To go to the previous or next page	Press <b>CH UP</b>  or <b>CH DOWN</b>  to go to the previous or next page.
6. To hide the song catalogue	Press <b>EXIT</b>  button to hide the catalogue.
7. To launch the song catalogue from the video screen	<p>Press <b>MENU</b>  button to launch the main page.</p> <p>Alternatively, you can press <b>OK</b>  button to return to where you have left off.</p>

## Guide To Interactive Servcies

### KaraOK! - Playlist

KaraOK! offers a similar experience as the commercial Karaoke outlets, where you can schedule your favourite songs to be played out in a sequence. The order of the songs can be changed and managed from the Playlist. A total of 40 songs can be scheduled into the Playlist.



#### How To Use

Functions	Directions
1. To launch the Playlist	Press <b>GREEN</b> button  on the main catalogue.
2. To insert a song	Select the song and press <b>YELLOW</b> button  to insert the song. The song will be rescheduled as the next song to be played out.
3. To repeat a song	Select the song and press <b>GREEN</b> button  to repeat a song. The song entry will be duplicated in the playlist and will be repeated.
4. To delete a song	Select the song and press <b>BLUE</b> button  to remove it from the playlist.

## Guide To Interactive Services

### KaraOK! - Other Features

There are many other functions that will complement your home karaoke singing experience such as search feature. You can also forward or rewind the songs and practise a new song over and over again from the comfort in your home.

#### How To Use

Functions	Directions
1. To change the audio mode	Press the <b>AUDIO</b> button  to switch between Karaoke or Audio mode.
2. To view the current and next song on the full video screen	At the full video screen, press <b>INFO</b> button  to view the current and next song. To hide, press <b>EXIT</b> button  .
3. Rewind or fast forward the song	Press the <b>REWIND</b>  or <b>FORWARD</b>  button on your remote control will increase the speed by 2x. You can press the <b>REWIND</b>  or <b>FORWARD</b>  button again to increase the speed.
4. To restart the song	Press <b>PREVIOUS</b>  button on your remote control.
5. To go to the next song	Press <b>NEXT</b>  or <b>STOP</b>  button on your remote control
6. To pause the song	Press <b>PAUSE</b> button  on your remote control. To resume the song, press the <b>PLAY</b> button  .
7. To search of songs or artiste	Select one of the Search feature from the main catalogue: - Search By Artistes (Keyword) - Search By Artistes (Pinyin) - Search By Songs (Keyword) - Search By Songs (Pinyin)  Use <b>navigation</b> arrow buttons and press <b>OK</b> button  to select the alphabets.  For keyword searches, key in a key word e.g. "World" and all related songs with the word "World" will appear.  For Pinyin, key in "ZXY", if you want to search for "Zhang Xue You".  After the completing the entry, press <b>BLUE</b> button  to start the search.  Select the song and press <b>OK</b> button  to schedule and play the song.

## Guide To Interactive Services

### Instant Buy

Instant Buy allows you to subscribe to channels from the Add-on tier instantly, using your remote control. You can start enjoy your favourite channels immediately upon successful transaction.

#### How To Use

Functions	Directions
1. To subscribe to channel Note: This service is only applicable to channels from the Add-on tier.	<p>Tune to the channel you wish to subscribe.</p> <p>Press <b>BLUE</b> button  to subscribe to this channel</p> <p>If a preview video is available, select <b>SUBSCRIBE</b> and press <b>OK</b> button  to confirm. Pricing and subscription information will be displayed.</p> <p>Press <b>BLUE</b> button  to continue.</p> <p>Select <b>YES</b> and press <b>OK</b> button  to process your request.</p> <p>Upon successful transaction, the channel will be activated and you can start viewing it instantly.</p>
2. To preview a short video about the channel (if available)	<p>Tune to the channel you wish to preview.</p> <p>Press <b>BLUE</b> button  to preview a short video</p> <p>If a preview video is available, select <b>PREVIEW</b> and press <b>OK</b> button  to confirm. The video will start to play out instantly.</p>
3. To return to other channels from the application	<p>Press <b>EXIT</b>  button.</p> <p>Select <b>YES</b> and press <b>OK</b> button  to confirm.</p> <p>Press <b>CH UP</b>  or <b>DOWN</b>  button to tune to other channels.</p>

#### Note:

- 1) Video Signal will appear almost instantaneously when the transaction is successful.
- 2) Additional set-top boxes in the account will be activated with the channel within a short interval.
- 3) When the network is busy, the video signal may not be activated immediately. A message will be displayed. You may exit and return later to view the channel.

## Guide to Interactive Services

### Instant Buy - Subscription Lock

You may choose to prevent unauthorized purchases by other users by setting a Subscription Lock. The transaction will only proceed upon the correct entry of the 6-digit (numeric) Personal Identification Number (PIN).

#### How To Use

Functions	Directions
1. To activate a Subscription Lock	<p>Press the <b>MENU</b>  button on your remote control.</p> <p>Select <b>TV Guide Menu</b> followed by <b>Subscription Lock</b>.</p> <p>Press the <b>RIGHT</b>  arrow or <b>OK</b> button  to confirm your selection.</p> <p>Enter your 6-digit numeric PIN (default PIN : 000000) to activate.</p> <p>Select Buy/Purchase and press the <b>RIGHT</b>  arrow button. Use the <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>YES</b>.</p> <p>Press <b>OK</b> button  to activate the subscription lock.</p>
2. To deactivate a Subscription Lock	<p>Press the <b>MENU</b> button  on your remote control.</p> <p>Select <b>TV Guide Menu</b> followed by <b>Subscription Lock</b>.</p> <p>Press the <b>OK</b> button  to confirm your selection.</p> <p>Enter your 6-digit numeric PIN (default PIN : 000000) to activate.</p> <p>Select Buy/Purchase and press the <b>RIGHT</b>  arrow button. Use the <b>UP</b>  or <b>DOWN</b>  arrow button to select <b>NO</b>.</p> <p>Press <b>OK</b> button  to confirm your selection.</p>

## Guide To Interactive Services

### Interactive TV

Interactive TV on channel 899 brings you a whole new level of experience via your existing TV, into a world of information and interactivity, 24 hours a day, 7 days a week.

The suite of content available for a start includes, "Live" Financial Stock prices, Lottery results, Weather report, Movies Showtime's, StarHub Promotions, Communities, etc.

For the first time in Singapore, you can now purchase Golden Village movie tickets via Interactive TV. Select your movie and buy up to 8 days in advance from the comfort of your couch. What's more, you will automatically get to enjoy GV Movie Club membership from first purchase.

With more upcoming free content, there will be no more toggling between mobile and the web as your television will have it all.

### TV Games

Playin'TV is a round-the-clock **games** channel that offers easy-to-play and exciting interactive **TV games** your whole family will love. There are five complimentary TV games and 19 paid games for your whole family to enjoy.

Select Playin'TV at the **GAMELAND** portal to access the 19 paid games on the TV screen. Playing instructions are available within each game.

To access your favourite free TV games, press the **Games** button  on your remote control. When you see the **GAMELAND** portal, select FunZone to launch the complimentary TV games page or select **Free Games** to enjoy a free game from Playin 'TV.

## Guide to Interactive Services

### eTV (Available only for eTV supported programmes)

eTV provides you more interactivity with your favourite TV programme. You can get more information on the programme you are watching and even participate in votes and contests while watching TV.

To access eTV, press the **GREEN** button  on the remote control when the eTV icon appears on the top of the screen.



### How To Use

Functions	Directions
1. To access the different tabs on eTV	Use the <b>navigation</b> arrow buttons to select the different tabs. Select <b>OK</b> button  to confirm.
2. To select the categories within eTV	Use the <b>navigation</b> arrow buttons to select the different tabs. Select <b>OK</b> button  to confirm.
3. To exit eTV and return to the last watched channel	Press <b>BACK</b>  , <b>LAST</b>  , <b>EXIT</b>  or <b>YELLOW</b>  buttons.

## Guide To Interactive Applications

### Start Over

You can now enjoy the ability to restart and watch it from the start. Keep a look out for the on screen prompt for programmes that come with this feature, and press the BLUE button on your remote control to start watching from the beginning.

Shows airing on Start Over channels can be restarted multiple times within their normal broadcast time. For example, your favourite Hong Kong TVB series is on VV Drama from 9pm to 10pm, you will be able to Start Over that programme anytime between 9pm and 10pm.



### TV SMS

With TV SMS, you can send SMS from your TV to a recipient on a StarHub mobile number. To launch TV SMS, access Interactive TV (via Ch 899), select Communities, followed by TV SMS and press OK button to confirm.

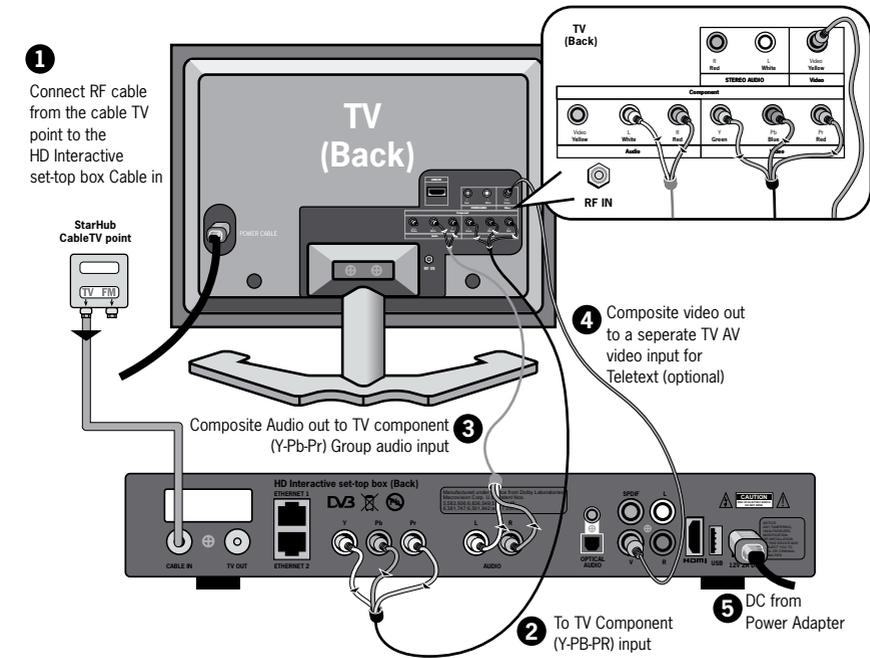
#### How To Use

Functions	Directions
1. To send a message	Enter your friend's mobile number and your name in the space provided, followed by your message. Press the <b>BLUE</b> button (blue icon) to send.
2. To send message to a different recipient	Press the <b>GREEN</b> button (green icon) and select from a list of numbers available from the Address Book. Press the <b>OK</b> button (OK icon) to add the new number. Note: You will need to end session with the previous recipient before changing to a new number.
3. To end the session with the current recipient	Press the <b>YELLOW</b> button (yellow icon). Note: The session automatically terminates after 15 minutes if non-activity.

## Technical Information

### Installation Guide

#### Option 1: Connection via Component Video & Composite Audio (basic set-up)



#### IMPORTANT

- For this connection, your HD-ready TV must have input for Component Video (Y-Pb-Pr) and Composite Audio (stereo AV)
- To use Teletext, please use the TV remote control to switch your TV video source input selection to an AV channel before pressing the Teletext button on the TV remote control to display Teletext.

#### Viewing Procedure

- 1) Switch your TV to the Component channel to watch your programmes.
- 2) Select the desired channel using the remote control of your HD Interactive set-top box.

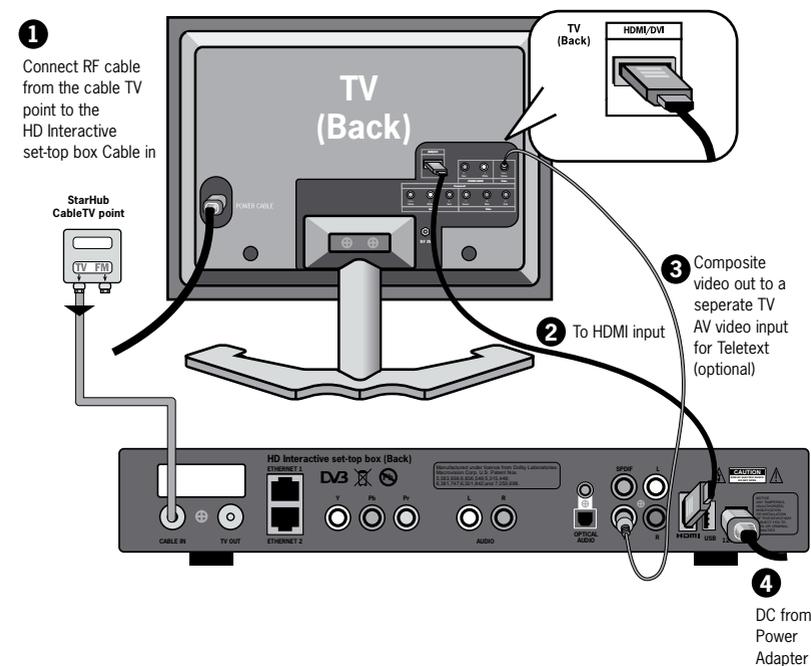
**Note:** On some HD-ready TV models, you may experience a problem displaying video output on 576i resolution. If you see black screen on TV, please continue to press the **HEX** button (#) on your remote control to change the output resolution to the next higher value.

Should you decide to connect your HD Interactive set-top box using any of the advanced options 2-4, you may need to purchase cables like **HDMI (High Definition Multimedia Interface)** and **Digital Audio (SPDIF)** separately as they are not provided together with the HD Interactive set-top box.

## Technical Information

### Installation Guide

#### Option 2: Connection via HDMI (High Definition Multimedia Interface)



#### IMPORTANT

- You will need to purchase the **HDMI** cables separately.
- For this connection, your HD-ready TV must support input for **HDMI**.
- If your HD-ready TV does **not** support **Dolby® Digital 5.1** surround sound, select No under the Dolby® Digital audio selection at the Preferences Setting screen.
- To use Teletext, please use the TV remote control to switch your TV video source input selection to an AV channel before pressing the Teletext button on the TV remote control to display Teletext.
- Some HD-ready TV models **may** have compatibility problems with the HD Interactive set-top box when connected using the **HDMI** connection. If your TV set is "**HD-ready**" TV (please refer footnote under Option 1) but still experience problems displaying video, please connect the set-top box to your HD-ready TV using the Component Video as shown under **Option 1**.

#### Viewing Procedure

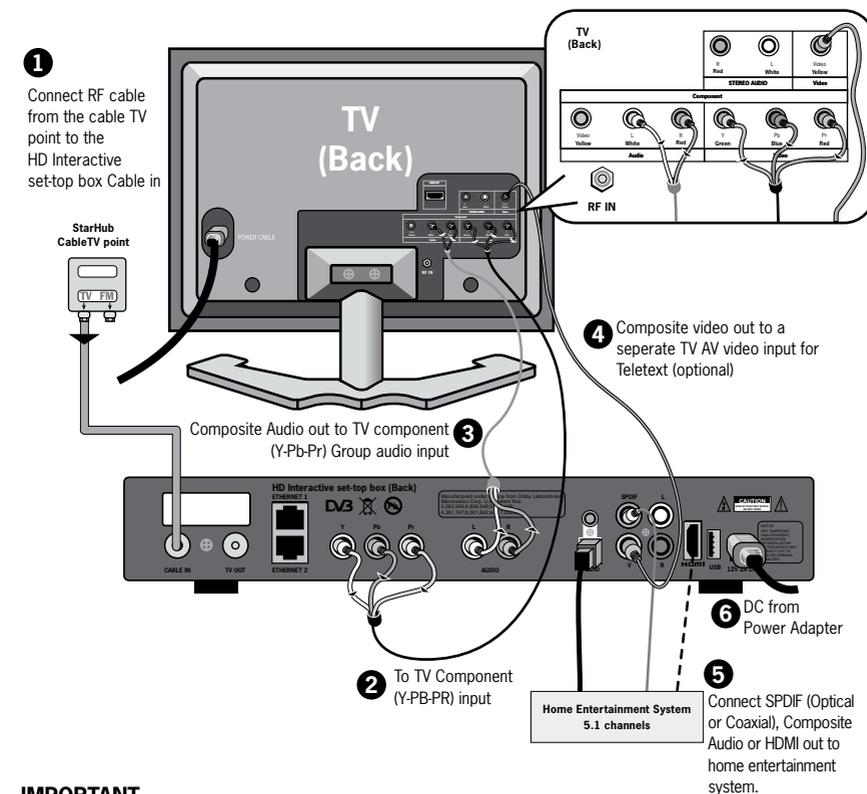
- Switch your TV to the **HDMI** channel to watch your programmes.
- Select the desired channel using the remote control of your HD Interactive set-top box.

**Note:** Should you decide to connect your HD Interactive set-top box using options 2 and 3, you may need to purchase cables like **HDMI (High Definition Multimedia Interface)** and **Digital Audio (SPDIF)** separately as they are not provided together with the HD Interactive set-top box.

## Technical Information

### Installation Guide

#### Option 3: Connection with Home Theatre System (Digital Audio SPDIF)



#### IMPORTANT

- For this connection, you need to be using a **Dolby® Digital 5.1 Surround Sound Home Theatre System**
- You will need to purchase the **Digital Audio SPDIF** (Optical or Coaxial) cables separately
- To use Teletext, please use the TV remote control to switch your TV video source input selection to an AV channel before pressing the Teletext button on the TV remote control to display Teletext.

#### Viewing Procedure

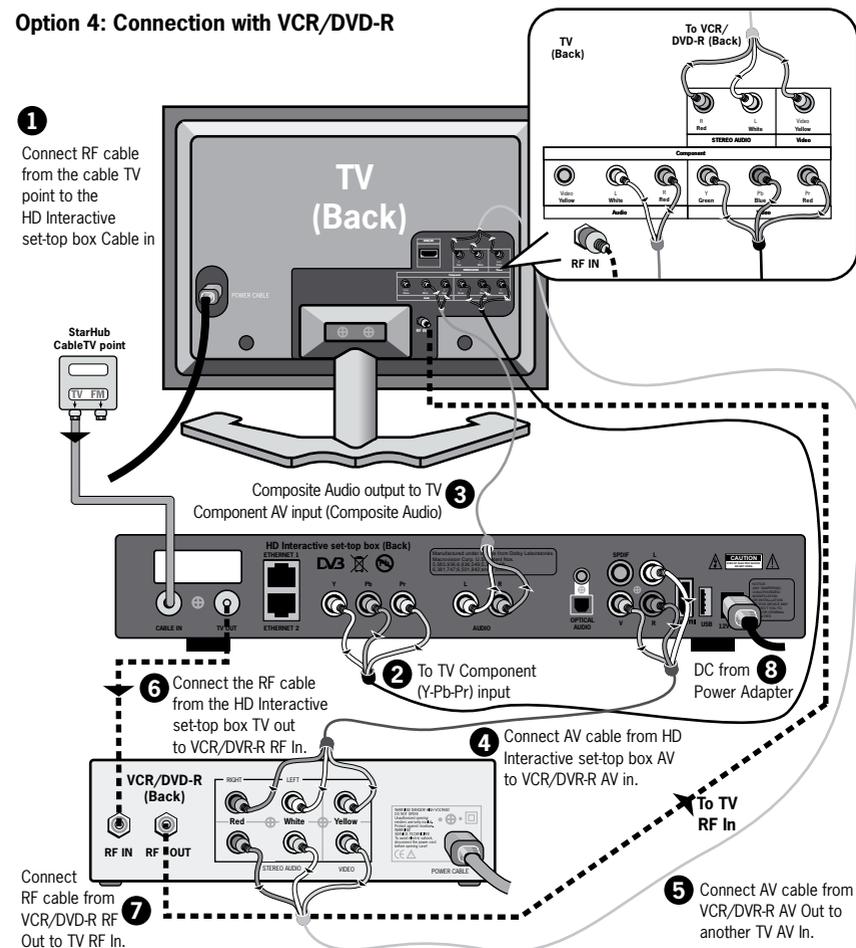
- Switch your TV to the Component channel to watch your programmes.
- Select the desired channel using the remote control of your HD Interactive set-top box.

**Note:** Should you decide to connect your HD Interactive set-top box using options 2 and 3, you may need to purchase cables like **HDMI (High Definition Multimedia Interface)** and **Digital Audio (SPDIF)** separately as they are not provided together with the HD Interactive set-top box.

## Technical Information

### Installation Guide

#### Option 4: Connection with VCR/DVD-R



#### IMPORTANT

- To use Teletext, please use the TV remote control to switch your TV video source input selection to an AV channel before pressing the Teletext button on the TV remote control to display Teletext.

#### Viewing Procedure

- Switch your TV to the Component channel to watch your programmes.
- Select the desired channel using the remote control of your HD Interactive set-top box.

## Trouble Shooting

### Tips For Improving TV Reception

If you experience any disturbance in your TV reception, the problem may be due to a minor oversight. Here's an important checklist that may help you locate the source of the problem quickly:

- Always ensure that all devices (TV, HD Interactive set-top box, DVD-R) are plugged into your power outlet and the power is turned on.
- Ensure that all cable connections are intact and tight.
- Inspect all cords for wear and tear.

In addition, you can also try the following steps:

Problem	Trouble Shooting
• Picture leaning/flipping	Adjust horizontal control of TV unit.
• Picture too bright or dark	Adjust brightness control of TV unit.
• Blank screen, sound ok	Check if TV brightness and contrast controls are adjusted.
• Picture rolling	Adjust vertical hold of TV unit.
• No sound, picture ok	Adjust TV or HD Interactive set-top box volume control. Check if either are in MUTE mode.
• Washed-out picture	Adjust TV contrast control.
• No picture	Turn OFF and turn ON the main power to the HD Interactive set-top box. Check all connections. Check other channels.
• Pixelised picture	Check other electrical appliance in operation. Check for loose connection. Check other channels.
• Remote control not working	Check for obstacles in the line of sight between the remote control and the HD Interactive set-top box. Check the batteries of the remote control for the HD Interactive set-top box.

If you encounter any difficulties which you cannot resolve, we will be pleased to be of assistance. For customer care enquiry, please call 1633 and have your 8-digit StarHub Customer Number ready.

## Signal Leakage

### A Reminder

It is very important that you do not tamper with the cable wiring in your home once StarHub's signals are connected to your TV points. This is because you could cause signal leakage.

Signal leakage is the unwanted radiation of cable signals into the atmosphere from a component in the cable network which is faulty or improperly installed. As some of the cable signals carried in our cable network are on the same frequencies as those used in the air for other communication services like those used by the police, military and other essential services, leakage will be disruptive and is a very serious problem. If you intend to renovate and have your home upgraded to cable ready status, or need to relocate or rewire your TV points, please approach a COPIF approved cable contractor who is trained to do this work. If you need help regarding signal leakage or the cabling in your home, call StarHub's Public Hotline at 6873 2828.

### **IMPORTANT**

Causing signal leakage is a very serious offence as it disrupts the communication services of legitimate users. Infocomm Development Authority of Singapore (IDA) manages and polices the airwaves. When the need arises, StarHub may have to enter your home to test for signal leakage. The penalties for creating communication interference are severe, so be sure to contact a qualified cable contractor.

## General Information

### MACROVISION Product Notice

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless authorized by Macrovision. Reverse engineering or disassembly is prohibited.

### Dolby Digital Product Notice

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