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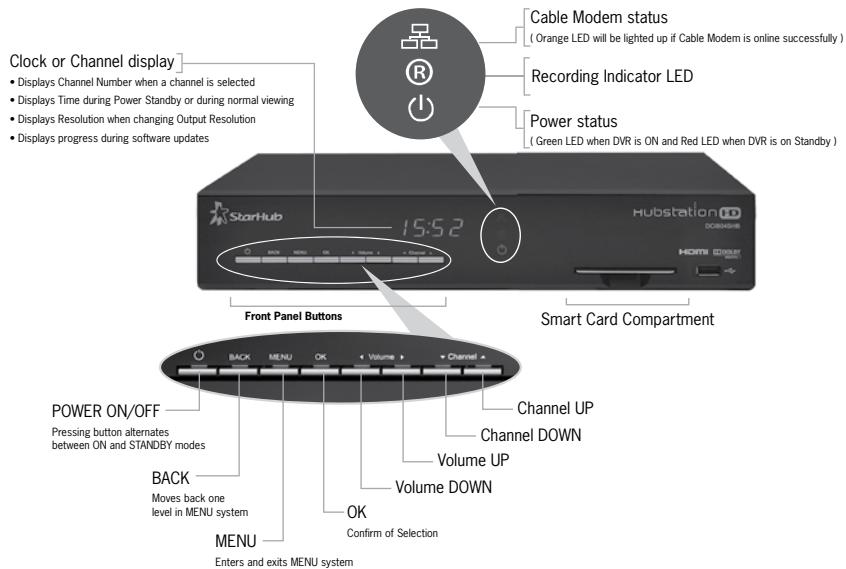
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Getting Started

HubStation HD

The HubStation HD 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 HubStation HD.



IMPORTANT

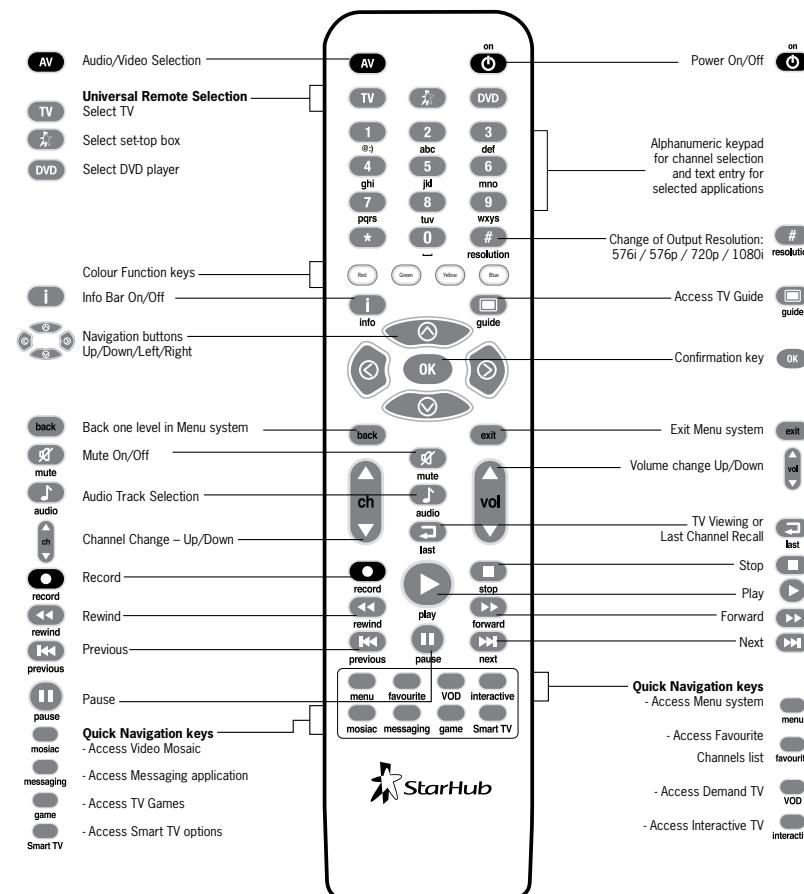
- When you switch off your TV set, you should always put the HubStation HD on stand-by mode for regular software updates.
- When the HubStation HD is downloading a new software, the progress of the download will be displayed on the LED (0-100). The Power status LED will be blinking until the update is completed. Please do not power off the HubStation HD.
- Always place your HubStation HD 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 HubStation HD.
- Do not place the HubStation HD near wet or moist areas.
- If the display flickers and the HubStation HD 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 HubStation HD and try again.
- Do not dismantle the HubStation HD to attempt servicing it on your own. Please call 1633 and have your 8-digit Customer Number ready.

 Do not remove or deface the bar code label pasted on the HubStation HD.

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 HubStation HD.
- If the channels can be changed with the HubStation HD and not with the remote control, check if the remote control batteries are weak.
- If you cannot change channels using either the HubStation HD 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 HubStation HD has a designated Smart Card which can be found in the Smart Card slot in the front of the HubStation HD.

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 HubStation HD.



How To Insert

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



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 HubStation HD 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 mesmerised 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 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 Applications

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 experience possible, you can adjust the video output of the HubStation HD using the remote control given.

The following four video output resolutions are available on the HubStation HD:

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 HubStation HD	Press the HEX button  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 HEX button  on your remote control again. When you have reached the video output resolution of 1080i, release the HEX button  .

Note: Please note that on some HD 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 Applications

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 HubStation HD 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 MENU button on your remote control. Select Settings followed by General . Use the UP or DOWN arrow button to scroll to Dolby® Digital. Use the RIGHT or LEFT arrow button to change the selection to YES . Press the OK button to confirm your selection.

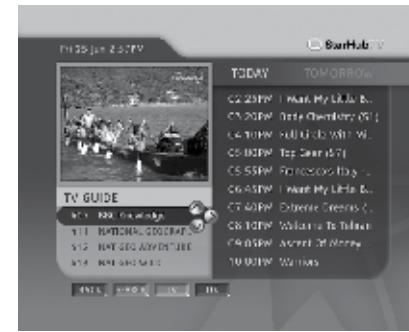
Note: Enable Dolby® Digital audio output selection **ONLY** if you are using a Dolby® Digital 5.1 home theatre system or if your HD TV supports Dolby® Digital surround sound.

Guide To Digital Cable Applications

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 choose a channel.	The channel you are currently watching is highlighted. Use the UP or DOWN arrow button on your remote control to scroll through the list of channels and press the OK button to go to the channel you wish to watch.
2. To access current and upcoming programmes list.	Press the RIGHT arrow button on your remote control for Programme Listing. The highlight and arrow buttons will move to the programme list on the right.
3. To access programme schedules for today.	On the Programme Listing Page, press the UP or DOWN arrow button to scroll.
4. To access programme schedules for tomorrow.	Press the RIGHT arrow button on your remote control.
5. To access programmes schedules for the day after tomorrow.	Press the RIGHT arrow button on your remote control.
6. To access programme schedules from 4th to 7th day.	Press RIGHT arrow button on your remote control. Press LEFT arrow button to return to the previous day.
7. 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 GREEN or INFO button .

Guide to Digital Cable Features

Genre Search

To help you find your favourite programme easily, you can sort the channels in the On-Screen TV Guide by Channel Number, Channel Name (Alphabetical Order), My Channels (channels you have access to), Favourite List and 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)
- My Channels
- 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 GUIDE button  on your remote control.</p> <p>The channels are arranged according to Channel Number by default. Press the YELLOW (SORT) button  once to arrange the channels according to Channel Name.</p> <p>Press the YELLOW (SORT) button  again to access "My Channels" to view all the channels you have access to.</p> <p>Continue to press the YELLOW (SORT) button  to display by Favourite List and the 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 MENU  button on your remote control</p> <p>Select TV guide followed by Guide.</p> <p>Press the OK button  to confirm your selection.</p>
2. To search by Titles or by Persons	<p>Press the SEARCH button to launch</p> <p>Select either Titles or Persons and press the OK button .</p> <p>Use the LEFT , RIGHT , UP OK button .</p> <p>After the entry of the key words, press the BLUE button  to confirm.</p> <p>Use the UP  or DOWN <p>8</p></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.



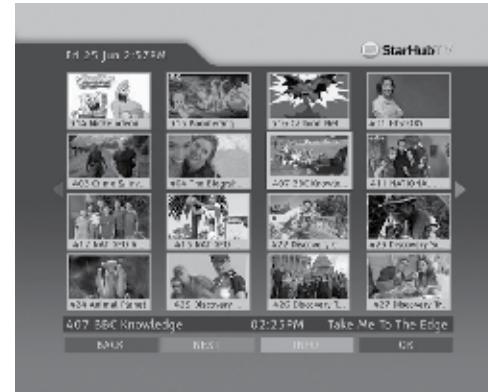
How To Use

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

Guide To Digital Cable Applications

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 MOSAIC button . Move the highlighted box using the LEFT or RIGHT arrow button on your remote control.
2. To select a channel.	Move the highlighted box to the selected channel and press the OK 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 GUIDE button .
4. To return to Video Mosaic from the On-Screen TV Guide.	Press the MOSAIC button .
5. To exit Video Mosaic and return to the last watched channel anytime.	Press the LAST or EXIT button.

Guide To Digital Cable Applications

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 INFO button  on the remote control.
2. To access channel information for a programme currently showing on another channel.	Use the UP  or DOWN  arrow button on your remote control to scroll through the channel listings.
3. To check the programmes within 24 hours.	Press RIGHT arrow button  to proceed to the next programme. Press LEFT arrow button  to go back to the previous programme.
4. To access more detailed programme information.	Press the GREEN  or INFO  button.
5. To access additional programme information (Info Page).	Press the GREEN  or INFO  button.
6. To select your preferred audio track for the programme. <small>Note: Selection is possible only if another language is available.</small>	Press the AUDIO button  .
7. To toggle between English and Chinese programme information. <small>Note: Chinese programme information is available for Chinese programmes only.</small>	Press the YELLOW (LANG) button  .

Guide To Digital Cable Applications

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 MENU button , select Settings using the UP  or DOWN  arrow buttons.</p> <p>Press RIGHT arrow button  to select General and press OK button  to confirm.</p>
	<p>Use the LEFT  or RIGHT  arrow button to select Bilingual or English as the Preferred Language Setting.</p> <p>Note: Chinese programme information is available only for Chinese programmes.</p>

Programme Alert (Set Reminder)

You can programme your HubStation HD 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 GUIDE button  on your remote control.</p> <p>Press the UP  or DOWN  arrow button to select the channel for programme you want to be alerted of.</p>
	<p>Press the RIGHT  arrow button, followed by the UP  or DOWN  arrow button to select the appropriate programme time-slot.</p>
	<p>Press the YELLOW (ALERT) button  to access the Set Reminder Screen.</p>
	<p>Press the GREEN (ADD) button  to set your preferred Alert Duration (i.e. how long before the programme starts for the alert message to pop up on-screen).</p>
	<p>By pressing LEFT  or RIGHT  button, you can choose from the following options:</p> <ul style="list-style-type: none"> • 1 min • 2 min • 5 min • 15 min • 20 min • 30 min • 40 min • 50 min • 60 min <p>Press the OK button  to confirm your selection.</p>
	<p>To delete an alert, select the entry you want to delete and press the YELLOW (DELETE) button . The selected Programme Alert will be deleted from the list.</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 MENU button  on your remote control.</p> <p>Select TV Guide followed by Favourites on the TV screen.</p> <p>Choose the Favourite lists by using the UP  or DOWN  arrow button.</p> <p>Use the UP  or DOWN  arrow button to choose the channels and press the YELLOW (SELECT) button  to select your favourite channels.</p> <p>Press the OK button  to confirm your selection and return to the main menu.</p>
2. To activate a favourite list	<p>Press the MENU button  on your remote control.</p> <p>Select TV Guide followed by Favourites on the TV screen.</p> <p>Choose the Favourite lists by using the UP  or DOWN  arrow button.</p> <p>Press the OK button  to confirm your selection and return to the main Menu.</p>
3. To access a favourite channel	<p>Option 1 Press the FAVOURITE button  on your remote control to access your favourite channels. Surf your favourite channels by pressing the FAVOURITE button .</p> <p>Option 2 Press the GUIDE button  while watching TV and your favourite channels will be listed in alphabetical order. Select the channel you want to watch and press the OK button .</p> <p>Press YELLOW button  to browse the channels in the other Favourites List.</p>
4. To remove a favourite channel	<p>Press the MENU button  on your remote control.</p> <p>Select TV Guide followed by Favourites on the TV screen.</p> <p>Use the YELLOW button  to remove your previous selection(s).</p> <p>Press the OK button  to confirm your selection and return to the main Menu.</p>

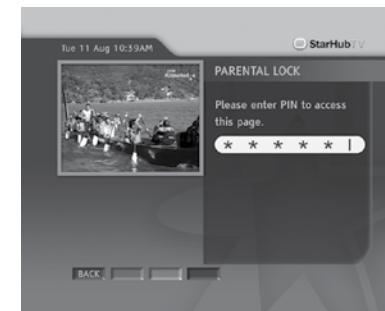
Last Channel Recall

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

Guide To Digital Cable Applications

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.	<p>Press the MENU button  on your remote control.</p> <p>Select TV Guide followed by Parental Lock on the TV screen.</p> <p>Enter your 6-digit numeric PIN to access the Channel Listing screen. (The default PIN is 000000). To set a new PIN, see CHANGE PIN section.</p> <p>Scroll to the channel using the UP  or DOWN  arrow button.</p> <p>In the Channel Listing screen, use the YELLOW button  to select the channels you wish to lock.</p> <p>Press the BLUE 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.</p>
2. To unlock a channel.	<p>Press the MENU button  on your remote control. Select TV Guide followed by Parental Lock on the TV screen.</p> <p>Enter your 6-digit numeric PIN to access the Channel Listing screen.</p> <p>In the Channel Listing screen, use the YELLOW button  to select the channels you wish to unlock.</p> <p>Press the BLUE button  to confirm and save your selection. The channels you have selected are now unlocked and accessible by anyone.</p>

Guide To Digital Cable Applications

Auto-Tune Setting

You may prepare your HubStation HD to switch channels at pre-determined times and dates for recording purposes.

How To Use

Functions	Directions
1. To access Auto-Tune.	<p>Press the MENU button  on your remote control.</p> <p>Select TV Guide followed by Auto-Tune on the TV screen, to access the Auto-Tune event list.</p>
2. To add a new Auto-Tune event.	<p>Within the Auto-Tune screen, press the GREEN (ADD) button  to add a new event. You will be required to set the following:</p> <ul style="list-style-type: none"> • Frequency • Start Time • Start Date • Channel
3. To set the Frequency.	<p>Use the LEFT  or RIGHT  arrow button to select from the following options:</p> <ul style="list-style-type: none"> • Once • Daily • Weekly
4. To fix Start Date.	<p>Use the LEFT  or RIGHT  arrow button on your remote control to set the date for Auto-Tune to activate, e.g. Mon 05 Jan.</p>
5. To confirm Start Time.	<p>Using the number buttons on your remote control, enter the time you want the HubStation HD 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 RIGHT  arrow button to select "AM" or "PM".</p>
6. To select the Channel.	<p>Using the LEFT  or RIGHT  arrow button on your remote control, select the Channel you want the HubStation HD to tune to.</p> <p>When done, press the BLUE button  to confirm and save your options.</p>
7. To view and delete your preset event.	<p>Press the MENU button  on your remote control.</p> <p>Select TV Guide followed by Auto-Tune on the TV screen to access the Auto-Tune event list.</p> <p>To delete an event on the list, select the event and press the YELLOW button . The selected event will be deleted from the list.</p>

Guide To Digital Cable Applications

Change PIN

This function allows you to replace the default or old PIN of your HubStation HD 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.	<p>Press the MENU button  on your remote control.</p> <p>Select Settings followed by Change PIN on the TV screen.</p>
	<p>Enter your current 6-digit numeric PIN. (The default PIN is set to 000000). Press the BLUE button  to confirm your PIN and access the next screen.</p>
	<p>On the next screen, enter and confirm your new PIN. Press the BLUE (OK) button  to save the new PIN.</p>
	<p>A message will appear on-screen to inform you if the change has been successful. Press the BLUE button  again to return to the main Menu.</p>

Guide To Digital Cable Applications

Preference 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.	Press MENU button  on your remote control. Select Settings followed by General Setting , then select Info Bar Duration. Use the LEFT  or RIGHT  arrow button to set the duration you wish the Info Bar to appear on the TV screen. Press the OK button  to confirm your selection.
2. To change Preferred Language.	Select Settings followed by General . Use the LEFT  or RIGHT  arrow button to change the settings. The default language is Bilingual . This mode allows for programme information to be in Chinese text for Chinese channels and English text for all other channels.
3. To change Preferred Audio.	Select Settings followed by General . Use the LEFT  or RIGHT  arrow button to select your Preferred Audio language.
4. To Change Auto Load Ch Apps.	Select Settings followed by General . Use the LEFT  or RIGHT  arrow button to change the settings. The default setting is No . This mode allows all applications (E.G. HBO On Demand, Ch 602) to automatically load the portal.
5. Video Format.	Default Pal

Guide To Smart TV™

Smart TV™



Smart TV™ gives you the power to plan your TV viewing around your life - and not the other way around. With Smart TV™, you won't ever have to miss your favourites again. Here is how this exciting service can make it primetime anytime, for you.

Record all your favourite programmes easily

Smart TV™ gives you the option to record up to 250 hours of SD programmes or up to 70 hours of HD programmes in these convenient ways:

- **Record As You Watch**

Record a programme as you watch it. You can also record a programme on one channel as you watch another.

- **Record By Show**

Easily select the programme you want to record at one-click from a handy On-Screen TV Guide. Schedules are tracked and recording times automatically adjusted so your programme will be recorded even if its original schedule has been changed.

- **Record A Whole Series**

With this feature, you just need to enter the recording once and Smart TV™ will "remember" to record all the episodes of a TV series. There is no need for you to keep going back week after week to enter the recording again.

- **Record By Time**

Preset a programme to be recorded by specifying the date, time and channel.

- **Watch one show and record another**

Watch a show on a channel while recording another show on another channel.

Take control over the programmes you are watching

Even as you are watching a programme on live TV, Smart TV™ has unique features that enable you to take control for your viewing pleasure.

- **Pause a Programme**

Freeze a programme that you are watching on live TV and resume from where you left off when ready.

- **Rewind, Fast-forward or Playback In Slow Motion**

Rewind to catch a favourite scene over and over, fast forward to where the plot thickens or enjoy a fantastic goal in slow motion. Then catch up by fast forwarding to the programme in real time.

Guide To Smart TV™

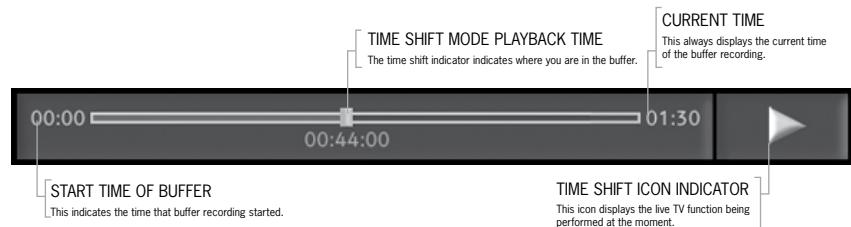
Control "live" TV

Live TV Progress Bar

With Smart TV™, you can pause live TV when your friend calls, rewind or fast-forward to where the plot thickens and even play it in slow-motion.

Smart TV™ does all this by creating a temporary recording, also called a buffer, of up to a maximum of 2 hours of SD programmes or up to 30 minutes of HD programmes you are watching. It continues to buffer the channel until you change the channel.

The live TV progress bar appears whenever you use a playback function such as pause, rewind, or fast-forward. It gives you details about the progress of the programme you are watching.



Start of Buffer

The buffer will start to temporarily record the programme on the current channel whenever the HubStation HD is powered on.

Duration of Buffer

The buffer is set at a maximum of 2 hours of SD programmes or 30 minutes of HD programmes. You are able to buffer up to 2 hours of SD programmes or up to 30 minutes of HD programmes at any time.

End of Buffer

When the buffer reaches its maximum 2 hours of SD programmes or 30 minutes of HD programmes, the HubStation HD will continue to record, but recordings made at the beginning of the buffer will be removed.

The buffer will be erased when the HubStation HD is turned off, put into stand-by mode, or when you change channels.

Guide To Smart TV™

Control "live" TV

Time-Shift Functions

With the time-shift function on Smart TV™, you'll never miss a minute of your favourite show. The show you are watching on live TV is temporarily stored even as you are watching it.

So, if the phone rings, all you have to do is press the **PAUSE** button . When you are done with your call, press the **PLAY** button and the programme will resume where you left off.

At this point, you may also choose to pause, rewind or fast-forward up to the programme at real time.



How To Use

Functions	Directions
1. To pause the programme.	Press the PAUSE button on your remote control. To resume the programme, press the PLAY button .
2. Rewind or fast forward the programme.	Pressing the REWIND button or the FORWARD button on your remote control again will increase the speed by 2x. You can press the REWIND button or the FORWARD button up to five times to increase the speed by 2x, 4x, 8x, 16x, 32x or 64x. An icon on the progress bar will indicate the speed at which you are rewinding or forwarding the programme.
	Press the PLAY button to resume watching at normal speed.

Functions	Directions
3. To watch a programme in slow-motion.	To slow-rewind, press the PAUSE button  and then press the REWIND button  on your remote control. To slow-forward, press the PAUSE button  and then press the FORWARD button  on your remote control. Press the PLAY button  to resume watching at normal speed.
4. Jump forward or backwards by a fixed interval.	To jump forward, press RIGHT arrow button  on your remote control. It will jump forward by an interval of 30 secs (as a default setting). To jump backwards, press LEFT arrow button  on your remote control. It will jump backwards by an interval of 30 secs (as a default setting). You can customise the interval under Smart TV settings.
5. To go to the beginning or end of buffer.	Press and hold the PREV button  to go to the beginning of buffer. Press and hold the NEXT button  to go to the end of buffer.
6. To return to the current TV programme.	Press the STOP button  on your remote control to return to the current programme in real time.

Guide To Smart TV™

Record Programme

Record As You Watch

Smart TV™ enables you to record a programme that you are currently watching. So even if you are interrupted in the middle of the programme, you can come back to finish it at a more convenient time.

Smart TV™ also enables you to record a programme on one channel as you watch another on a different channel. So, now you can catch both programmes instead of having to miss one.

How To Use

Functions	Directions
1. To instantly record the programme you are watching.	Press the REC button  on your remote control Use the LEFT  or RIGHT  arrow button to select your choice and press the OK button  to confirm. To stop your recording, press Smart TV button  and select Recording Schedule. Press BLUE (MORE)  button to select Stop Recording and Press OK button  to confirm. Use LEFT  or Right  arrow button to select YES and OK button  to confirm.

Guide To Smart TV™

Record Programme

Record By Show

Smart TV™ is fully integrated with the On-Screen TV Guide that offers you a simple and convenient way of recording your programmes in advance. Simply select the programme you would like to record through the On-Screen TV Guide, press the **REC**  button, and the programme will be recorded onto your HubStation HD.



Functions	Directions
2. To select the number of extra minutes you wish to record before the programme starts.	At the Record by Show Page, use the UP  or DOWN  arrow button to scroll to Rec Time Before Prog.
	Press the LEFT  or RIGHT  arrow button on your remote control to select your desired time.
3. To select the number of minutes you wish to record after the programme ends.	At the Record by Show Page, use the UP  or DOWN  arrow button to scroll to Rec Time After Prog.
	Press the LEFT  or RIGHT  arrow button on your remote control to select the desired time.
4. To save the programme to your favourite folder.	Press the LEFT  or RIGHT  arrow button on your remote control to select the desired folder.
5. To save the programme to the Recording Schedule.	Press the BLUE button  to save the programme to the Recording Schedule.

How To Use

Functions	Directions
1. To record from the On-Screen TV Guide.	<p>Press GUIDE button  to bring out the On-Screen TV Guide.</p> <p>Press the UP  or DOWN  arrow button to select the channel of your choice.</p> <p>If you know the channel number, you may also enter the channel number using the NUMBER buttons on your remote control.</p> <p>Press the RIGHT  arrow button to select the day that the programme you wish to record is on. Then press the UP  or DOWN  arrow button to highlight the programme you wish to record.</p> <p>Press the BLUE button  or the REC button  on your remote control to set the programme for recording.</p> <p>After you do so, the Record by Show Page will appear on your TV screen.</p>

Guide To Smart TV™

Record Programme

Record a Whole Series

Smart TV™'s fully integrated On-Screen TV Guide offers you a simple and convenient way of recording your serial programmes. Simply select the programme you would like to record through the On-Screen TV Guide, select Series Recording, and all future episodes of the programme will be recorded onto your HubStation HD.



How To Use

Functions	Directions
<p>1. To record from the On-Screen TV Guide.</p> <p>Press the UP or DOWN arrow button to select the channel of your choice.</p> <p>If you know the channel number, you may also enter the channel number using the NUMBER buttons on your remote control.</p> <p>Press the RIGHT arrow button to select the day that the programme you wish to record is on. Then press the UP or DOWN arrow button to highlight the programme you wish to record.</p> <p>Press the BLUE button or the REC button on your remote control to set the programme for recording.</p> <p>After you do so, the Record by Show Page will appear on your TV screen.</p>	<p>Press GUIDE button to bring out the On-Screen TV Guide.</p>

Functions	Directions
2. To select the number of extra minutes you wish to record before the programme starts.	At the Record by Show Page, use the UP or DOWN arrow button to scroll to Rec Time Before Prog. Press the LEFT or RIGHT arrow button on your remote control to select your desired time.
3. To select the number of minutes you wish to record after the programme ends.	At the Record by Show Page, use the UP or DOWN arrow button to scroll to Rec Time After Prog. Press the LEFT or RIGHT arrow button on your remote control to select the desired time.
4. To save the programme to your favourite folder	Press the LEFT or RIGHT arrow button to select your desired folder.
5. To record a whole series	At the Record by Show Page, use the UP or DOWN arrow button to scroll to Series Recording. Press the LEFT or RIGHT arrow button on your remote control to select YES for Series Recording , and press OK to confirm.
6. To save the programme to the Recording Schedule.	Press the BLUE button to save the programme to the Recording Schedule.

Note: Record by Series feature is programmed based on the TV schedules and programme information provided by the content provider. In the event of inaccuracy or inconsistency in the schedules and programme information provided, the programme will not be scheduled by the Record by Series function.

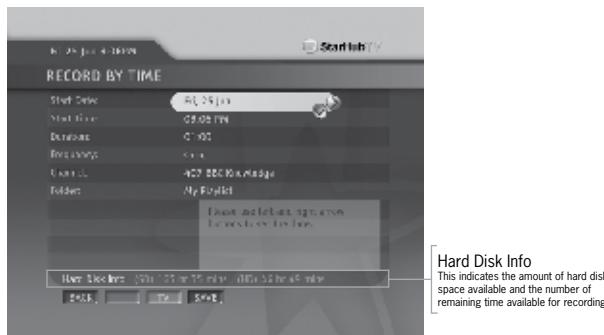
For recordings of series on local free-to-air channels, the use of Record by Time feature will be recommended as the programme information provided by the local free-to-air channels may not be available in a consistent manner.

Guide To Smart TV™

Record Programme

Record By Time

Smart TV™ also lets you record by time on a daily or weekly basis.



How To Use

Functions	Directions
1. To record by time.	<p>Press the SMART TV button  on your remote control.</p> <p>Press the DOWN  arrow button to highlight Record by Time and press the OK button  to display the Record by Time Page.</p> <p>Press UP  or DOWN  arrow button to scroll to the various options.</p>
2. To set the Start Date of the recording.	Press LEFT  or RIGHT  arrow button to select the date.
3. To set the Start Time of the recording.	<p>Press the NUMBER buttons on your remote control to enter the start time of the recording.</p> <p>Press the RIGHT  arrow button to select between AM or PM.</p>
4. To set the Duration of the recording.	Press the NUMBER buttons on your remote control to enter the duration of the recording.

Functions	Directions
5. To set the Frequency of the recording.	Press the LEFT  or RIGHT  arrow button to choose between Once, Daily, Weekdays or Weekends.
6. To select the Channel.	<p>Press the LEFT  or RIGHT  arrow button to select the channel of your choice.</p> <p>If you know the channel number, you may also enter the channel number using the NUMBER buttons on your remote control.</p>
7. To save the programme to your favourite folder.	Press the LEFT  or RIGHT  arrow button on your remote control to select the desired folder.
8. To save the programme to the Recording Schedule.	Press the BLUE button  to save your selection to the Recording Schedule.

Guide To Smart TV™

Record Programme

Recording Schedule

The Recording Schedule Page allows you to schedule your recordings as well as edit your scheduled recordings. It will display the programme title, channel number and start date, as well as start and end times of all previously scheduled recordings.

Schedules are tracked and recording times automatically adjusted so your programme will be recorded even if its original schedule has been changed.



How To Use

Functions	Directions
1. To access the Recording Schedule Page.	<p>Press the SMART TV button on your remote control.</p> <p>Press the DOWN arrow button to highlight Recording Schedule and select the OK button to bring up the Recording Schedule Page.</p> <p>Each scheduled recording will display the Programme Title, Channel Number, Date of Recording and Start and End Time of Recording.</p>
2. To find out the status of your recordings.	<p>Check the following icons to see whether the scheduled recording is an Active Recording , Recording by Time , Recording by Show or Recording by Series .</p> <p>An icon will also indicate a missed scheduled recording that is conflicting or erroneous.</p>

Functions	Directions
3. To tell the difference between the various recordings.	<p>Different colour icons have different meanings.</p> <ul style="list-style-type: none"> White represents OK/active scheduled recording Yellow represents scheduled recordings that are conflicting
4. To resolve scheduling conflicts.	<p>Should you schedule two recordings that are of same date and time or have overlapping recording times, it will result in a scheduling conflict.</p> <p>A scheduling conflict message will prompt you when you schedule your recordings.</p> <p>When this conflict message is displayed, you can either choose to amend your scheduled recordings, or save the conflicting schedule and amend it later.</p> <p>Use the LEFT or RIGHT arrow button to select your choice and press the OK button to confirm your selection.</p> <p>If you choose to save, the conflicting schedules will be highlighted with a yellow icon in the Recording Schedule Page.</p> <p>Smart TV will record the scheduled recording with an earlier start time or the first scheduled recording.</p>



Functions	Directions
5. To edit scheduled recordings.	<p>In the Recording Schedule Page, press the UP or DOWN arrow button until the desired scheduled recording is highlighted.</p> <p>Press the BLUE button to bring up the MORE sub-menu.</p> <p>Select the Edit Schedule option and press the OK button . This will bring you to the relevant Recording Page and allow you to edit it.</p>
6. To remove a scheduled recording.	<p>In the Recording Schedule Page, press the UP or DOWN arrow button until the desired scheduled recording is highlighted.</p> <p>Press the BLUE button to bring up the MORE sub-menu.</p> <p>Select the Delete Schedule option and press the OK button . This will bring up a warning message.</p> <p>Press the OK button on your remote control to confirm that you wish to remove the desired scheduled recording.</p>

Functions	Directions
7. To add a Recording by Show.	<p>In the Recording Schedule Page, press the GREEN button to bring up the ADD sub-menu.</p> <p>Select the Record by Show option and press the OK button . This will bring you to the On-Screen TV Guide and allow you to schedule a recording by show.</p>
8. To add a Recording by Time.	<p>In the Recording Schedule Page, press the GREEN button to bring up the ADD sub-menu.</p> <p>Select the Record by Time option and press the OK button . This will bring you to the Record by Time Page and allow you to schedule a recording by time.</p>
9. To watch an active recording.	<p>In the Recording Schedule Page, press the UP or DOWN arrow button to highlight an active recording. The number next to programme title indicates that the programme is currently being recorded.</p> <p>Press the BLUE button to bring up the MORE sub-menu.</p> <p>Select the Go To Recording option and press the OK button . This will bring you to the channel of active recording.</p>

Guide To Smart TV™

Watch Recorded Programmes

My Playlist

My Playlist is the default folder where all your recorded programmes will be kept. It allows you to play, edit, delete and move your recorded programmes, as well as put a parental lock on selected files.



How To Use

Functions	Directions
1. To manage your recorded programmes.	<p>Press the SMART TV button  on your remote control.</p> <p>Press the DOWN arrow button  to highlight My Playlist, then press the OK button .</p> <p>This will bring you to the My Playlist screen where you can manage your recorded programmes.</p>
2. To view information about your recorded programmes.	<p>Use the UP  or DOWN  arrow button on your remote control in My Playlist to select the desired programme.</p> <p>When the programme is highlighted, the following information is displayed:</p> <ul style="list-style-type: none"> • Programme Title – The name of the programme that was recorded • Channel – The channel from which the programme was recorded • Episode – The episode number and title of the programme that was recorded • Recorded Date/Time – When the programme was recorded • Duration – The total duration of the recorded programme • Parental Lock – Whether the file has Parental Lock enabled

Functions	Directions
3. To delete a recorded programme.	<p>Use the UP  or DOWN  arrow button on your remote control in the My Playlist section to highlight the desired programme.</p> <p>Press the BLUE button  to bring up the MORE sub-menu.</p> <p>Select the Delete option and press the OK button .</p> <p>This will prompt you to confirm whether you want to continue deleting the recorded programme. Pressing the OK button  a second time will delete the selected recording.</p>
4. To enable parental lock.	<p>Press the UP  or DOWN  arrow button on your remote control in the My Playlist section to highlight the desired programme.</p> <p>Press the BLUE button  to bring up the MORE sub-menu.</p> <p>Select the Lock option and press the OK .</p> <p>This will prompt you to enter the Parental Lock PIN. When you enter the correct Parental Lock PIN, selecting the OK button  will enable parental lock for the selected programme.</p>
5. To disable parental lock.	<p>Press the UP  or DOWN  arrow button on your remote control in the My Playlist section to highlight the desired programme.</p> <p>Press the BLUE button  to bring up the MORE sub-menu.</p> <p>Select the Lock option and press the OK button .</p> <p>This will prompt you to enter the Parental Lock PIN. When you enter the correct Parental Lock PIN, selecting the OK button  will disable parental lock for the selected programme.</p>
6. To preview a recorded programme	<p>Use the UP  or DOWN  arrow buttons on your remote control in the My Playlist section to highlight the desired programme.</p> <p>Press the YELLOW  button once to preview the recorded programme.</p>
7. To play a recorded programme	<p>Press the YELLOW  button a second time to start playback in full screen mode. Alternatively you can also press the PLAY  button on your remote control to start playing a recorded programme.</p>

Functions	Directions
8. To rename a recorded programme	<p>Use the UP or DOWN arrow button on your remote control in the My Playlist section to highlight the desired programme</p> <p>Press the BLUE button to bring up the more sub-menu.</p> <p>Select the RENAME option and press OK </p> <p>Use the LEFT , RIGHT , UP , DOWN arrow buttons to highlight the alphabets and press OK to select them. To backspace and correct a mistake, highlight the “←” option and press OK button to correct.</p> <p>To save your new programme name use the LEFT , RIGHT , UP , DOWN arrow buttons to highlight the SAVE option and press OK to select.</p>
9. To move a recorded programme to another folder	<p>Use the UP or DOWN arrow button on your remote control in the My Playlist section to highlight the desired programme</p> <p>Press the BLUE button to bring up the more sub-menu.</p> <p>Select the MOVE option and press OK </p> <p>Use the UP or DOWN arrow button on your remote control in the Move pop-up to select the folder you wish to move the recorded programme to.</p> <p>Press OK </p>

Folder List

The Folder List is where you can organize your recordings. It allows you to add, delete and rename your favourite folders.



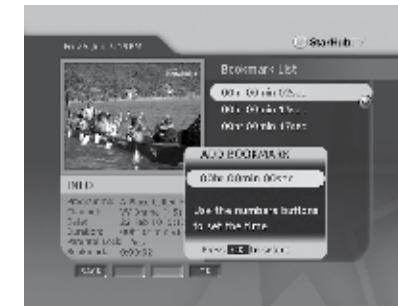
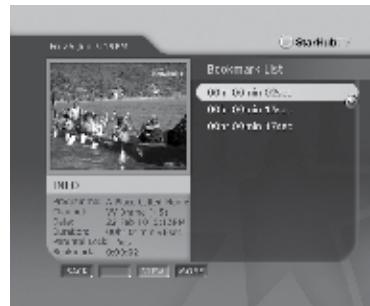
How To Use

Functions	Directions
1. To manage your recorded programmes	<p>Press SMART TV button on your remote control.</p> <p>Press the DOWN arrow button to highlight Folder List, then Press OK button.</p>
2. To view information about your folders	<p>Use the UP or DOWN arrow button on your remote control in Folder List to select the desired folder.</p> <p>When the folder is highlighted, the following information is displayed</p> <p>Total shows – The total number of recordings in the selected folder</p> <p>Total duration – The total duration of all recordings in the selected folder</p>

Functions	Directions
3. To add or rename a new folder	<p>Press the BLUE button to bring up the more sub-menu.</p> <p>Use the UP or DOWN arrow button on your remote control to select the ADD or RENAME function and press OK.</p> <p>Use the LEFT , RIGHT , UP , DOWN arrow buttons to highlight the alphabets and press OK to select them. To backspace and correct a mistake, highlight the “\leftarrow” option and press OK button to correct.</p> <p>To save your folder name use the LEFT , RIGHT , UP , DOWN arrow buttons to highlight the SAVE option and press OK to select.</p>
4. To delete a new folder	<p>Press the BLUE button to bring up the MORE sub-menu</p> <p>Use the UP or DOWN arrow button on your remote control to select the DELETE function and press OK. This will prompt you to confirm whether you want to continue deleting the folder.</p> <p>Use the LEFT arrow key to select YES.</p> <p>Pressing the OK button will delete the folder.</p>

Bookmark

The Bookmark List is where you can manage the bookmarks of your recorded programme. It allows you to preview, automatic insert, add, delete, edit and rename your bookmarks.



How To Use

Functions	Directions
1. To launch a Bookmark List	During a programme playback, press OK button to bring up the playback bar. Then press the Blue button to bring up the MORE sub-menu. Select Bookmark List and press OK button.
2. To select a bookmark	Use the UP or DOWN arrow buttons on your remote control in the Bookmark list section to highlight the desired bookmark.
3. To preview a bookmark	Press the YELLOW button to start playing from the selected bookmark.
4. To play the bookmark	Press the YELLOW button again to start playing from the selected bookmark. Alternatively you can also press the PLAY button on your remote control to start playing from the selected bookmark.
5. To auto-insert bookmarks	Press the BLUE button to bring up the MORE sub-menu.
	Use the UP or DOWN arrow button on your remote control to select the AUTO INSERT function and press OK . 10 bookmarks will be inserted at equal intervals, depending on the duration of the recorded programme.

Functions	Directions
6. To add or edit a bookmark	<p>Press the BLUE button to bring up the MORE sub-menu.</p> <p>Use the UP or DOWN arrow button on your remote control to select the ADD or EDIT function and press OK button.</p> <p>Use the NUMBER BUTTONS to enter the time and press OK button to confirm.</p>
7. To delete a bookmark	<p>Press the BLUE button to bring up the MORE sub-menu.</p> <p>Use the UP or DOWN arrow button on your remote control to select the DELETE function and press OK button. This will prompt you to confirm whether you want to continue deleting the bookmark. Use the LEFT arrow key to select YES. Pressing the OK button will delete the bookmark.</p>
8. To rename a bookmark	<p>Use the UP or DOWN arrow button on your remote control in the bookmark list to highlight the desired bookmark.</p> <p>Press the BLUE button to bring up the MORE sub-menu.</p> <p>Select the RENAME option and press OK button. Use the LEFT, RIGHT, UP, DOWN arrow buttons to highlight the alphabets and press OK button to select them. To backspace and correct a mistake, highlight the “←” option and press OK button to correct.</p> <p>To save your new bookmark name use the LEFT, RIGHT, UP, DOWN arrow buttons to highlight the SAVE option and press OK button to select.</p>

Guide To Smart TV™

Watch Recorded Programmes

Playback Progress Bar

When you play a recorded programme, the playback progress bar will appear at the bottom centre of the screen and it performs standard playback functions. The playback progress bar indicates the current status of the playback, the duration of recorded programme, the elapsed playback time and bookmarks.



How To Use

Functions	Directions
1. To set a bookmark in a recorded programme	Press the OK button to bring up the Playback progress bar. Press the GREEN button to add a bookmark.
2. To navigate between bookmarks	Press the PREVIOUS and NEXT button on your remote control to access the bookmarks that have been set.
3. To jump to a specific time in a recorded programme.	Press YELLOW (JUMP TO) button on your remote control. Use the NUMBER buttons to enter the time and press OK button to confirm.
4. To access My Playlist	Press the OK button to bring up the Playback progress bar. Press the BLUE button to bring up the MORE sub-menu.
	Use the UP or DOWN arrow button on your remote control to select My Playlist and press OK button.
5. To access Folder List	Press the OK button to bring up the Playback progress bar. Press the BLUE button to bring up the MORE sub-menu.
	Use the UP or DOWN arrow button on your remote control to select Folder List and press OK button.

Functions	Directions
6. To access Bookmark List	Press the OK  button to bring up the Playback progress bar. Press the BLUE  button to bring up the MORE sub-menu. Use the UP  or DOWN  arrow button on your remote control to select Bookmark List and press OK  button.
7. To view the recorded programme info while playing back in full screen mode.	When in full screen playback mode, select the INFO button  . The Playback Info Bar contains the following information. <ul style="list-style-type: none"> • Programme Title – The programme that was recorded • Duration – The total duration of the recorded programme • Channel – The channel from which the programme was recorded • Recorded Time – When the programme was recorded
8. To view more information about the recorded programme. Note: Available only for programmes recorded by show.	Press the INFO button  . This will bring up the Playback Info Bar. Press the INFO button  a second time and you will see the programme title as well as a short synopsis. Press the INFO button  a third time and it will bring you to the Playback Info Page. In the Playback Info Page, you are able to view complete programme information. Press the DOWN  arrow button to view further programme information like cast and director.
9. To select your preferred audio track for the programme. Note: Selection is available only for dual language programmes.	Press the AUDIO  button to toggle language selection.

Guide To Smart TV™

Preference Settings

Preference settings allow you to customise your Smart TV™ experience. It allows you to customise your recording settings, playback experience as well as optimize your HubStation HD.



How To Use

Functions	Directions
1. To access your Smart TV™ settings page.	Press the MENU  button on your remote control. Select the SETTINGS option followed by HubStation settings to bring up the Smart TV™ Settings page.
2. To change the default number of minutes to start recording before the start of a scheduled recording.	Use the LEFT  or RIGHT  arrow button to change the default number of minutes to record before the start of the scheduled recordings.
3. To change the default number of minutes to continue recording after the end of a scheduled recording.	Use the LEFT  or RIGHT  arrow button to change the default number of minutes to record after the end of the scheduled recordings.
4. To change the default duration to record whenever you start an instant recording.	Use the LEFT  or RIGHT  arrow button to change the duration. Eg. 1 hour, 2 hours, 3 hours, 4 hours, 5 hours, 6 hours
5. To set instant recording to always record only the current programme. To set the default duration you would like the progress bar to stay on screen.	Choose "By Show" to change your Instant Recording settings to record only by the current programme. Use the LEFT  or RIGHT  arrow button to change values accordingly.

Functions	Directions
6. Jump Interval.	Use the LEFT ⬅ or RIGHT ➡ arrow button to set your preferred Jump function interval. Eg. 5 sec, 10 sec, 20 sec, 30 sec, 1 min, 2 min, 5 min, 10 min.
7. Preferred Folder.	Use the LEFT ⬅ or RIGHT ➡ arrow button to set the preferred folder to save your programmes whenever you schedule a recording.
8. Optimise Hard Disk.	<p>Use the LEFT ⬅ or RIGHT ➡ arrow button to select whether or not to optimise your hard disk.</p> <p>Press the BLUE ⬛ button to start the optimisation.</p> <p>PLEASE TAKE NOTE THAT THIS OPTION WILL ERASE ALL RECORDED PROGRAMMES IN YOUR HUBSTATION. DO NOT USE THIS OPTION IF YOU WISH TO KEEP ANY FILES.</p>

Guide to Demand TV

Catalogue Page

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

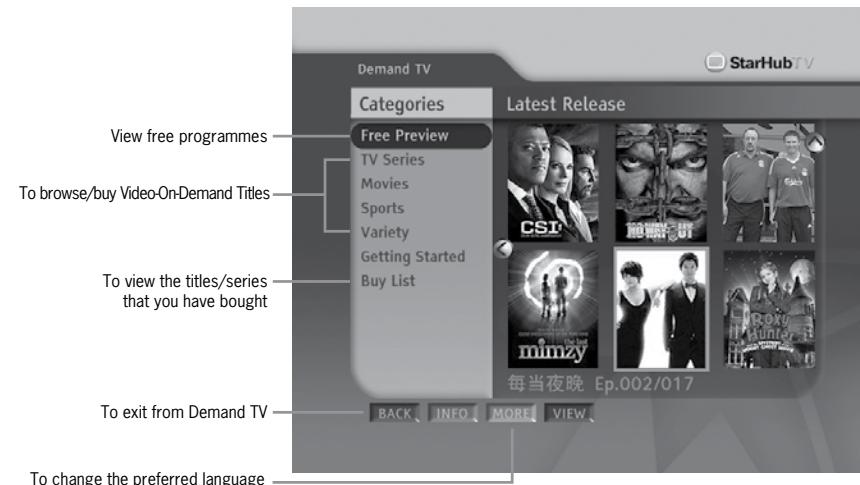
Video-on-Demand Title

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).

On Demand Channel

Can't wait for the next episode? On Demand Channels let you watch the episodes (or shows) before they are shown on cable channels and catch up on the episode that you have missed on the channel – giving you full control of your TV viewing.

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.



All prices includes 7% GST

How To Use

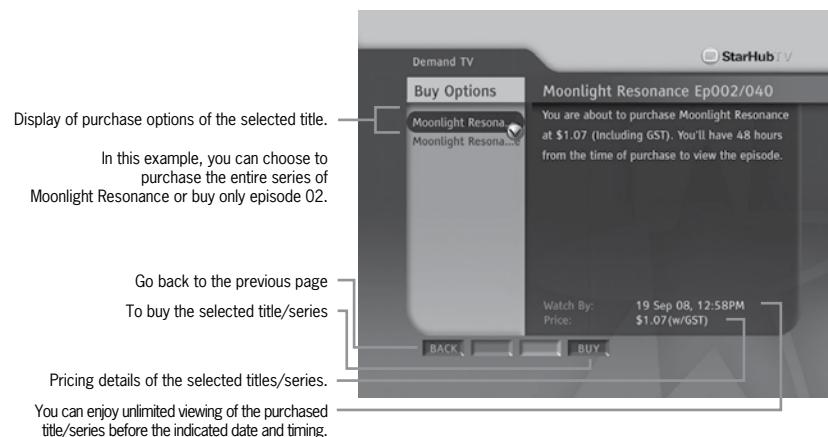
Functions	Directions
1. To access Demand TV catalogue	<p>Press the VOD  button on the remote control</p>
2. To browse/buy title(s) from the highlights of the different categories	<p>Use UP  or DOWN  button to select the category and press RIGHT  arrow button to move to the right panel</p> <p>Use the UP, , DOWN, , LEFT,  or RIGHT  arrow buttons to scroll through the titles</p> <p>Press the BLUE (VIEW)  button to preview/purchase the selected title. If you have purchased the programme, it will start to play.</p> <p>In the Buy Options page, use the UP  or DOWN  arrow buttons to select your buy option (where applicable)</p> <p>Press the BLUE (BUY)  button to purchase the selected buy option</p> <p>Press OK button  to confirm the transaction. Once the transaction is successful, the programme will play immediately.</p>
3. To browse/buy other titles from the different categories	<p>Press the VOD  button on the remote control</p> <p>Use the UP  or DOWN  arrow buttons to select a category</p> <p>Press the BLUE (OK)  button to view the titles available in the selected category</p> <p>Use the UP , DOWN , LEFT  or RIGHT  arrow buttons to select the title you wish to purchase</p> <p>Press the BLUE (VIEW)  button to purchase the selected title. If you have purchased the programme, it will start to play.</p> <p>In the Buy Options section use the UP  or DOWN  arrow buttons to select your buy option</p> <p>Press the BLUE (BUY)  button to purchase the selected buy option</p> <p>Press OK button  to confirm the transaction. Once the transaction is successful, the programme will play immediately.</p>
4. To change the categories to English/Chinese	<p>Press YELLOW (MORE)  button.</p> <p>Press DOWN  arrow button to select "Bilingual" or "English".</p> <p>Press OK button  to Confirm.</p>

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**, press the **BLUE (VIEW)**  button or **OK**  button from the Info Page.



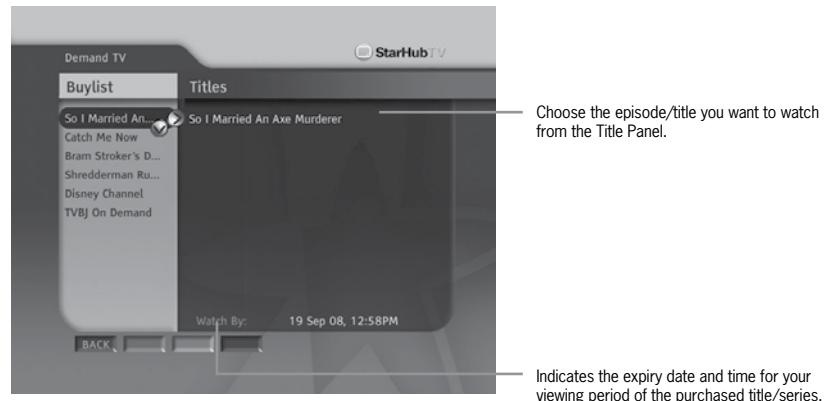
How To Use

Functions	Directions
1. To access the Buy Options page	<p>Press the VOD  button on your remote control to launch the Demand TV catalogue page</p> <p>Use the UP  or DOWN  arrow buttons to select a category</p> <p>Press the BLUE (OK)  button to view the titles available in the selected category</p> <p>Use the UP  or DOWN  arrow buttons to select the title you like to purchase</p> <p>Press the BLUE (BUY)  button to access the Buy Options page (as show above)</p>
2. Choose the Buy Option you want (where applicable)	<p>Use the UP  or DOWN  arrow buttons to select the Buy Option you want</p> <p>Press the BLUE (BUY)  button to buy.</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	<p>Press the VOD button on your remote control to launch the Demand TV catalogue page</p> <p>Press the DOWN arrow button to select Buy list. Press OK button to confirm.</p> <p>In the Buy list page, use the UP or DOWN arrow buttons to select the title or series you want. When you have selected the title to watch, use the RIGHT button to switch to the Title Panel</p> <p>Use the UP or DOWN arrow buttons to select the title or episode and press BLUE (VIEW) button to start watching</p>

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 **GREEN (INFO)** or **INFO** button.

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 VOD Parental Lock page	<p>Press the MENU button on your remote control.</p> <p>Select VOD followed by Settings</p> <p>Press the OK button to confirm your selection.</p> <p>Enter your 6-digit numeric PIN (default PIN : 000000) to activate.</p>
2. To activate or deactivate Demand TV Lock	<p>At the VOD Parental Lock Page, select Application.</p> <p>Use the RIGHT arrow button to select YES, and press the OK button to confirm your selection.</p> <p>To deactivate, press LEFT arrow button to select NO and press the OK button to confirm your selection.</p>
3. To activate or deactivate Purchase Lock	<p>At the VOD Parental Lock Page, select Buy/Purchase.</p> <p>Use the RIGHT arrow button to select YES, and press the OK button to confirm your selection.</p> <p>To deactivate, press LEFT arrow button to select NO and press the OK button to confirm your selection.</p>
4. To activate, change or deactivate Age Rating Lock	<p>At the VOD Parental Lock Page, select Age rating.</p> <p>Use the RIGHT arrow button to select None, 16 or 18, and press the OK button to confirm your selection.</p> <p>To deactivate or change the rating, press LEFT or RIGHT arrow button to select None, 16 or 18, and press the OK 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!	Press Ch 888 on your remote control. If you have not subscribed to KaraOK!, use the UP or DOWN arrow buttons to select the package and press OK button to purchase. For customers who have subscribed to KaraOK!, the catalogue will appear upon tuning in to Ch 888 .
2. To browse and select songs from the catalogue	Use the UP , DOWN , LEFT or RIGHT arrow buttons to scroll through the categories, and press OK button to confirm. Alternatively, you can press the corresponding arrow button to go to the respective categories.
3. To schedule a song	At the listings of songs, select the song you wish to schedule and press OK button or the corresponding number. The song title will be highlighted when it has been scheduled in the playlist.
4. To change the text between English and Chinese	Press * button on your remote control.
5. To go to the previous or next page	Press CH UP or CH DOWN to go to the previous or next page.
6. To hide the song catalogue	Press EXIT button to hide the catalogue.
7. To launch the song catalogue from the video screen	Press MENU button to launch the main page. Alternatively, you can press OK button to return to where you have left off.

Guide To Interactive Services

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 GREEN button on the main catalogue.
2. To insert a song	Select the song and press YELLOW 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 GREEN 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 BLUE 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.

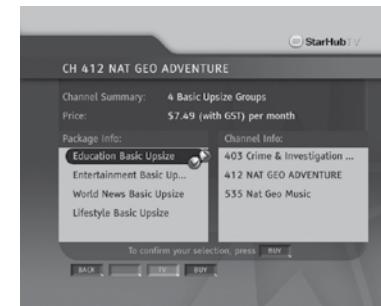
How To Use

Functions	Directions
1. To change the audio mode	Press the AUDIO 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 INFO button  to view the current and next song. To hide, press EXIT button  .
3. Rewind or fast forward the song	Press the REWIND  or FORWARD  button on your remote control will increase the speed by 2x. You can press the REWIND  or FORWARD  button again to increase the speed.
4. To restart the song	Press PREVIOUS  button on your remote control.
5. To go to the next song	Press NEXT  or STOP  button on your remote control
6. To pause the song	Press PAUSE button  on your remote control. To resume the song, press the PLAY 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 UP  , DOWN  , LEFT  or RIGHT  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 BLUE button  to start the search. Select the song and press OK button  to schedule and play the song.

Guide To Interactive Services

Instant Buy

This allows you to purchase new basic groups, basic plus groups, add-on channels and add-on packs to your existing channel package.



How To Use

Functions	Directions
1. To subscribe to channel	Tune to the channel you wish to subscribe. Note: This feature is not available to some channels. Press BLUE button  to subscribe to this channel If a preview video is available, select SUBSCRIBE and press OK button  to confirm. The packaging, pricing and other subscription information will be displayed.
	Press BLUE (BUY) button  to continue. Select YES and press OK button  to process your request.
	Upon successful transaction, the channel will be activated and you can start viewing it instantly.
2. To view more information on the channel	On the Channel Summary Page, you can select the package or channel that you are about to subscribe using the UP  or DOWN  arrow button on your remote control. The channels in the package will be displayed on the right panel. Press RIGHT  arrow button, followed by UP  or DOWN  arrow buttons to select a channel. To view a short channel description, press GREEN (INFO)  .
	To preview a short video on the channel (if available), press YELLOW (PREVIEW)  button and the video will play out instantly.
3. To return to other channels	Press EXIT button. Select YES and press OK button  to confirm. Press CH UP  or DOWN  button to tune to other channels.

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 MENU  button on your remote control.</p> <p>Select TV Guide followed by Subscription Lock.</p> <p>Press the OK button  to confirm your selection.</p> <p>Enter your 6-digit numeric PIN (default PIN : 000000) to activate.</p> <p>Press the RIGHT arrow button  to select YES.</p> <p>Press OK button  to activate the subscription lock.</p>
2. To deactivate a Subscription Lock	<p>Press the MENU button  on your remote control.</p> <p>Select TV Guide followed by Subscription Lock.</p> <p>Press the OK button  to confirm your selection.</p> <p>Enter your 6-digit numeric PIN (default PIN : 000000) to activate.</p> <p>Use the LEFT arrow button  to select NO.</p> <p>Press OK 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.

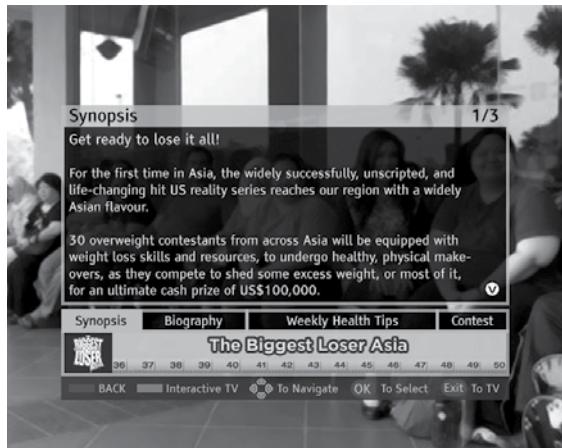
To access your favourite free TV games, press the **Games** button  on your remote control. When you see the **GAMELAND** portal, select FunZone to launch the complimentary TV games page or select **Free Games** to enjoy a free game from Playin 'TV.

Guide To Interactive Applications

eTV (Available only for eTV supported programmes)

eTV allows you more interactivity with your favourite TV programmes. 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 LEFT  , RIGHT  , UP  or DOWN  arrow buttons to select the different tabs. Select OK  button to confirm.
2. To select the categories within eTV	Use the LEFT  , RIGHT  , UP  or DOWN  arrow buttons to select the different tabs. Select OK  button to confirm.
3. To exit eTV and return to the last watched channel	Press BACK  , LAST  , EXIT  or YELLOW  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.



Guide To Interactive Applications

Internet Surfing

Your HubStation HD comes with in-built cable modem (DOCSIS 2.0). Enjoy free internet surfing[^] with download speed of up to 1Mbps (1000kbps) and upload speed of up to 256kbps* by plugging your HubStation HD to your computer. Alternatively, you may upgrade to any of the MaxOnline Postpaid Plan[~] with HubStation HD. For more information on MaxOnline Subscription plan, visit www.starhub.com/maxonline. Please refer to the **Installation Guide** section for the connection diagram.

[^]Free 1Mbps Broadband Internet Access valid till 31 December 2011.

[~]HubStation HD can only support download speeds of up to 32Mbps. Active StarHub TV subscription is required for upgrade of MaxOnline subscription plan on HubStation HD.

*Actual bandwidth is dependent on hardware, software, internet traffic and destination server.

Voice Solutions

HubStation HD supports the following Digital Voice services with its in-built cable modem (DOCSIS 2.0):

Digital Voice Home

Digital Voice is StarHub's Voice-Over-IP (VoIP) service available to our residential customers. If you are currently already enjoying Digital Voice Home, you can use the service together with HubStation HD's complimentary broadband access or any of the MaxOnline Postpaid Plan on HubStation HD.

To do so, simply connect the wireless Integrated Access Device[#] (IAD) to the HubStation HD. Please refer to the **Installation Guide** section for the connection diagram.

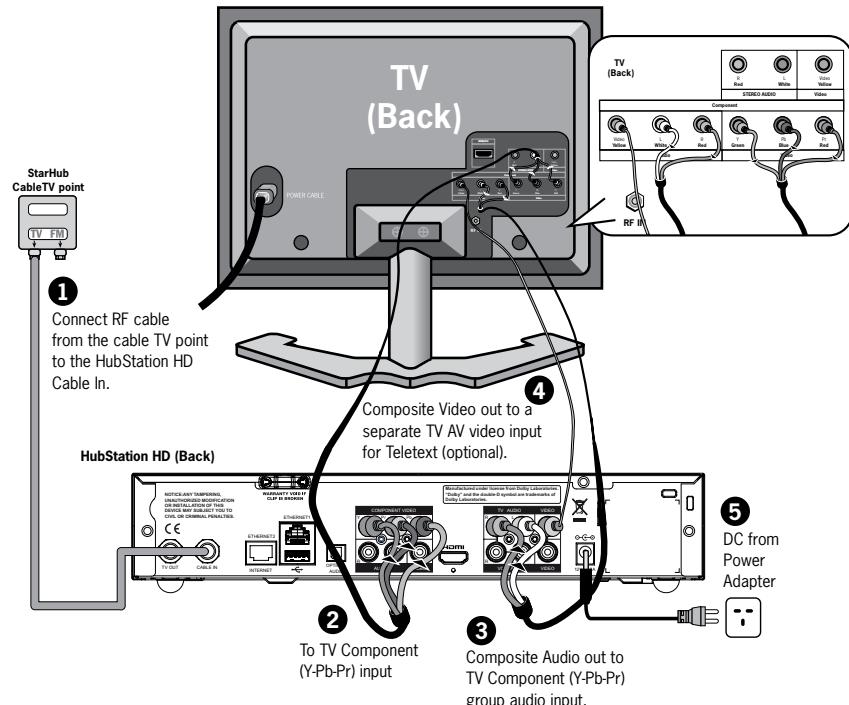
For more information on Digital Voice, visit www.starhub.com/voice

[#]Wireless Integrated Access Device (IAD) is required for Digital Voice Home service.

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 HubStation HD.

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.

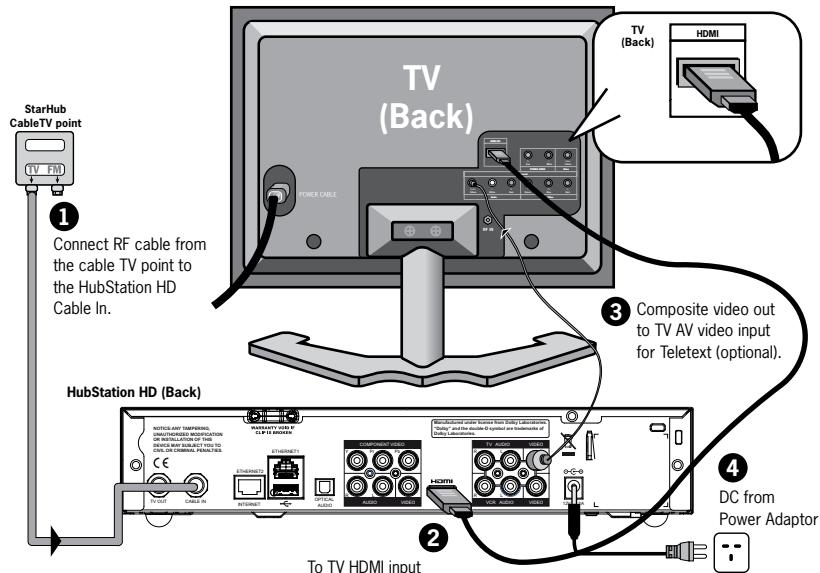
Should you decide to connect your HubStation HD using any of the advanced options 2-4, you may need to purchase cables like **HDMI (High Definition Multimedia Interface)** and **Digital Audio (SPDIF)** separately as they are not provided together with the HubStation HD.

Technical Information

Installation Guide

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

Should you decide to purchase **HDMI (High Definition Multimedia Interface)** cables separately, you can connect the HubStation HD to your HD-ready TV set as shown below. **HDMI** is a USB-like digital connection that is capable of carrying both the video and audio signals from the HubStation HD to your TV set.



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 HubStation HD when connected using the **HDMI** connection. If your TV set is "HD-ready" TV (please refer footnote on page 19) but still experience problems displaying video, please connect HubStation HD to your HD-ready TV using the Component Video as shown under **Option 1**.

Viewing Procedure

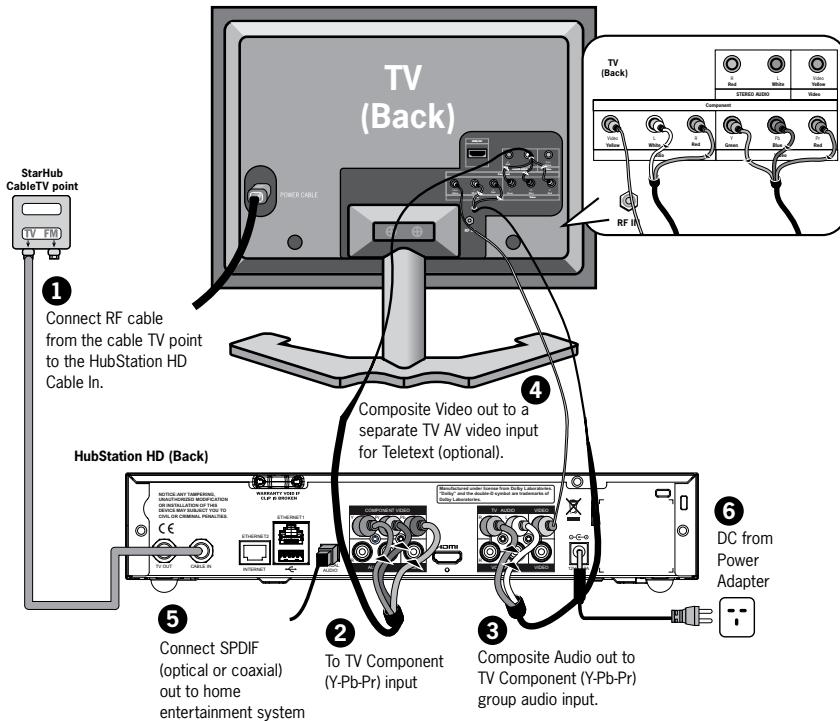
- 1) Switch your TV to the **HDMI** channel to watch your programmes.
- 2) Select the desired channel using the remote control of your HubStation HD.

Technical Information

Installation Guide

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

To enjoy true cinematic surround sound experience, you can connect the HubStation HD to a **Dolby® Digital 5.1 Surround Sound** home theatre system according to the diagram below.



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

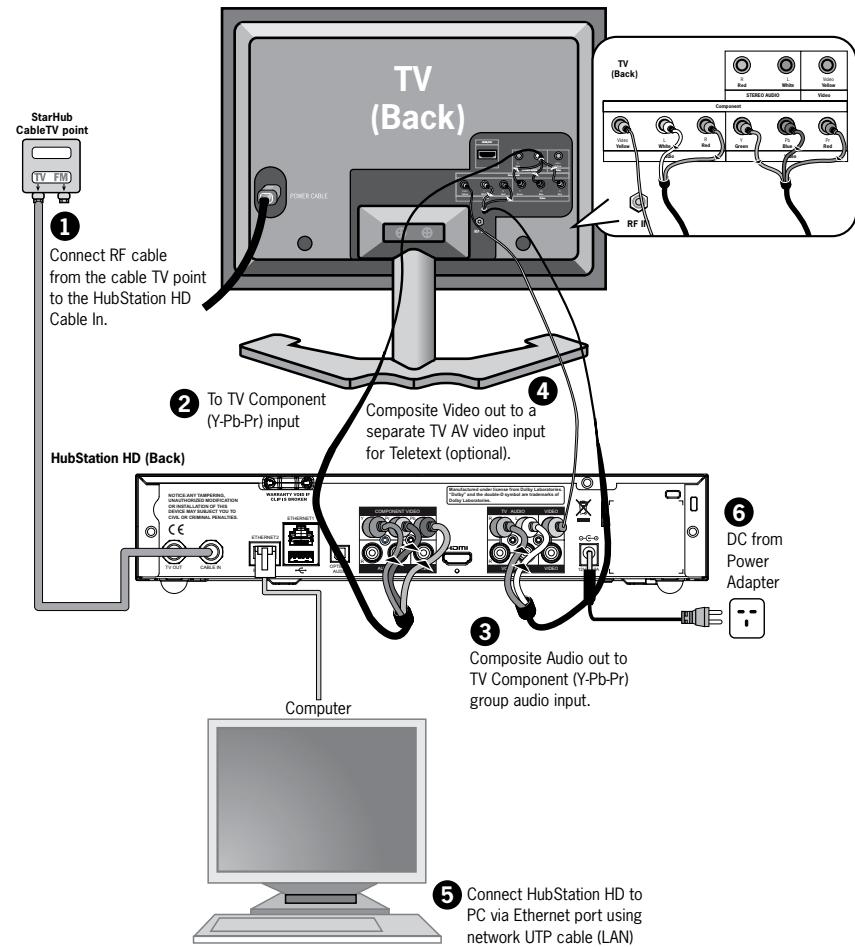
- 1) Switch your TV to the Component channel to watch your programmes.
- 2) Select the desired channel using the remote control of your HubStation HD.

Note: Should you decide to connect your HubStation HD 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 HubStation HD.

Technical Information

Installation Guide

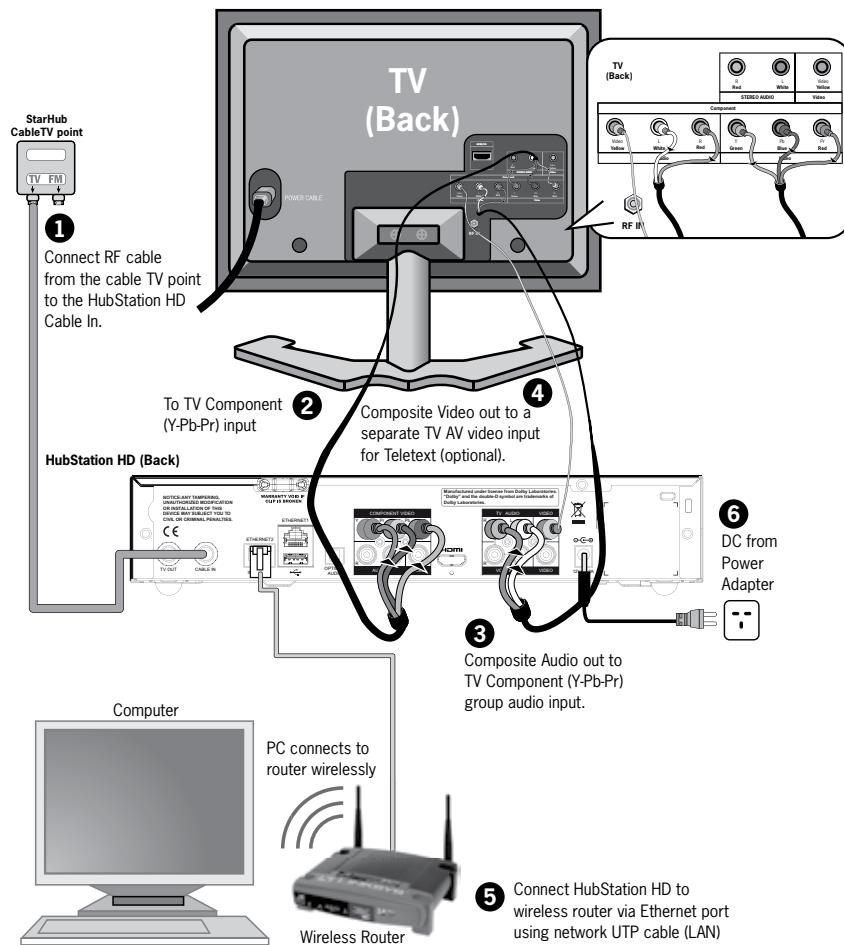
Option 4: Connection for PC Internet Broadband Access via Ethernet Port



Technical Information

Installation Guide

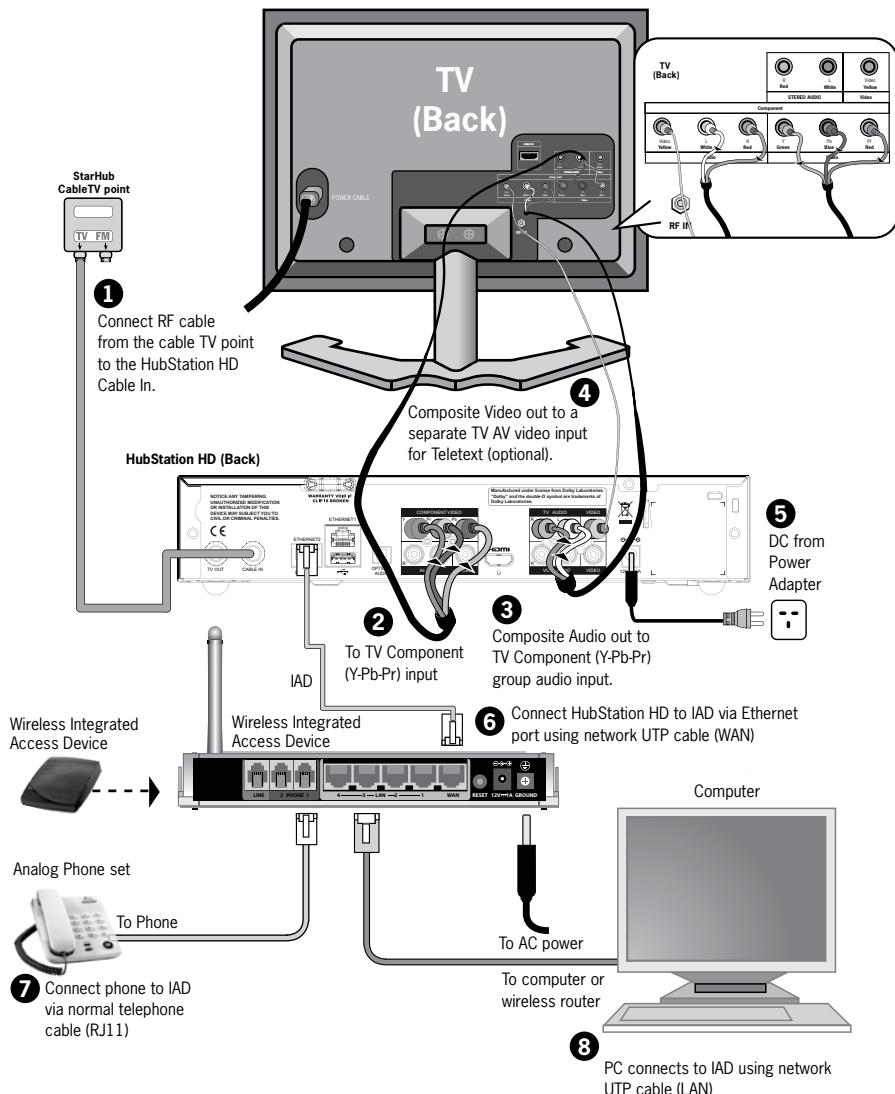
Option 5: Connection for PC Internet Broadband Access via Wireless Router



Technical Information

Installation Guide

Option 6: Connection for Digital Voice Home and PC Internet Broadband Access via wireless IAD (Integrated Access Device) with In-built router



Note : There might be slight compromise when customer surfs the internet and talk at the same time. Actual bandwidth is dependent on hardware, software, internet traffic and destination server. For better voice quality, we would recommend that you upgrade to MaxOnline service with higher bandwidth.

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, HubStation HD, 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 HubStation HD 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 HubStation HD. 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 HubStation HD. Check the batteries of the remote control for the HubStation HD.

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 copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering or disassembly is prohibited.

Dolby Digital Product Notice

Manufactured under license from Dolby Laboratories, "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.