

HubStation DCI62SHB

User Guide



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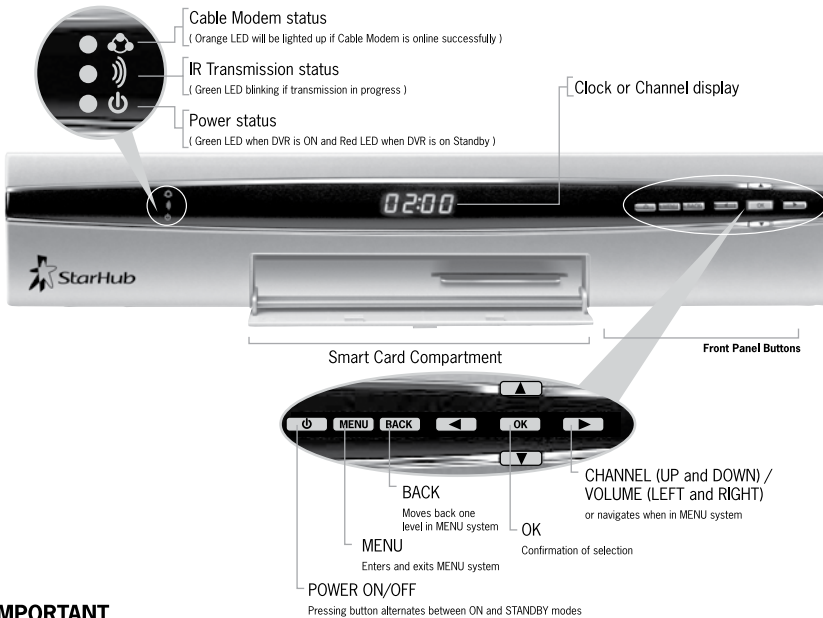
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Dolby Digital Product Notice / 62


Getting Started

HubStation

The HubStation 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.



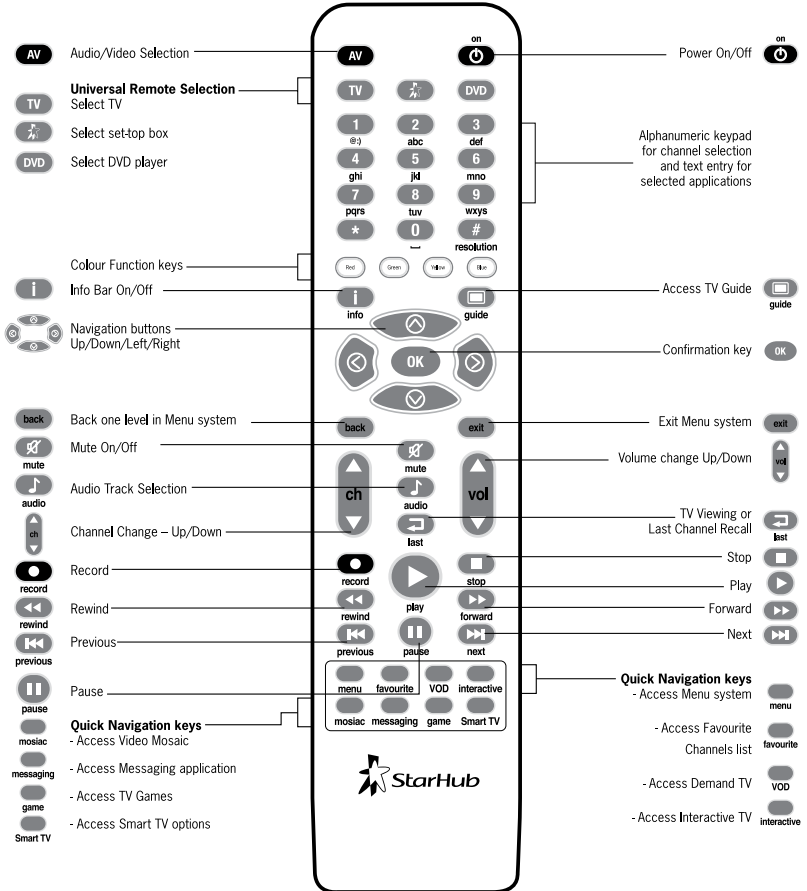
IMPORTANT

- When you switch off your TV set, you should always put the HubStation 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 HubStation once, and you will see the loading screen instructing you to wait till downloading is completed.
- Always place your HubStation 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.
- Do not place the HubStation near wet or moist areas.
- If the display flickers and the HubStation 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 and try again.
- Do not dismantle the HubStation 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

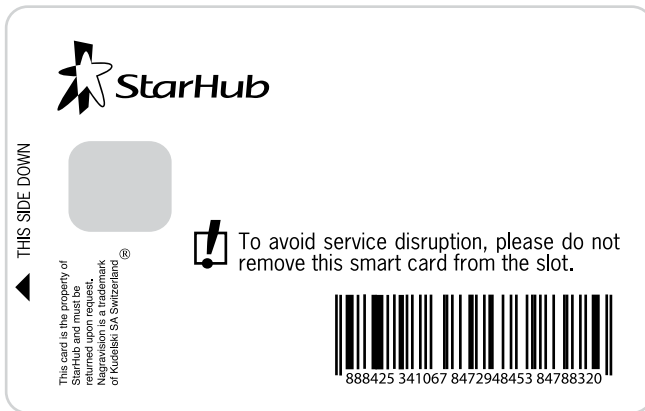
- When using the remote control, make sure there are no obstructions between the remote control and the HubStation.
- If the channels can be changed with the HubStation and not with the remote control, check if the remote control batteries are weak.
- If you cannot change channels using either the HubStation 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 has a designated Smart Card which can be found in the Smart Card slot in the front of the HubStation.

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.



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.



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.

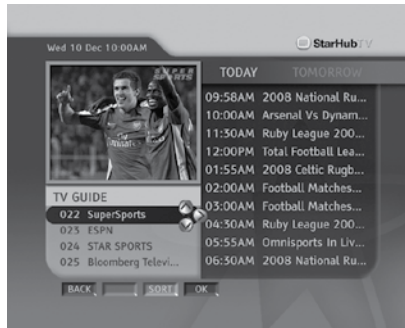
Should you suspect that your Smart Card is faulty, do not attempt to service it yourself. Please call 1633 and have your 8-digit Customer Number ready.

Guide To 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 Applications

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)
- Movies Genre
- Sports Genre
- Chinese Programmes Genre
- Education Genre
- Entertainment Genre
- News Genre
- Kids Genre
- International Genre
- Ethnic Genre

How To Use

Functions	Directions
1. To sort the channels in the On-Screen TV Guide according to genre.	Press the GUIDE button  on your remote control.
	The channels are arranged according to Channel Number by default. Press the YELLOW (SORT) button  once to arrange the channels according to Channel Name.
	Press the YELLOW (SORT) button  again to display only the Movies channels.
	Press the YELLOW (SORT) button  a third time to display the Sports channels.
	Continue to press the YELLOW (SORT) button  to search through the other genres in the sequence above.









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 will be displayed. Each window represents one channel.



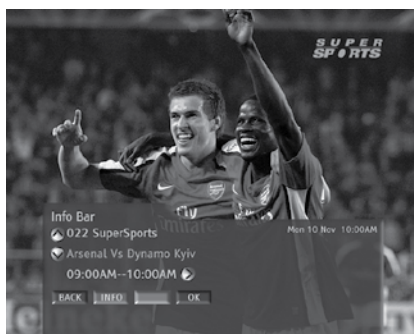
How To Use

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 TV  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

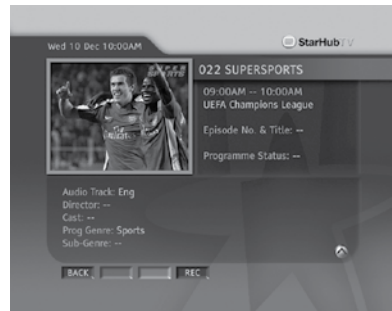
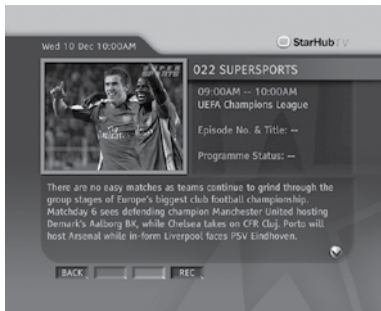
Functions	Directions
1. To access the Info Bar for a programme you have selected.	Press the INFO button  on the remote control.
2. To access channel information for a programme currently showing on another channel.	Use the UP  or DOWN  arrow button on your remote control to scroll through the channel 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). Note: For more information, refer to the Info Page on page 8.	Press the GREEN  or INFO  button.
6. To select your preferred audio track for the programme. Note: Selection is possible only if another language is available.	Press the AUDIO button  .
7. To toggle between English and Chinese programme information. Note: Chinese programme information is available for Chinese programmes only.	Press the YELLOW button  .

Guide To Digital Cable Applications


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 **GREEN** button  twice.



Quick Surf

You can browse the programme titles and synopsis available in the next 24 hours by pressing **RIGHT** arrow button  on your remote control.

You can also view the programme titles on the other channels via the Info Bar by pressing **UP**  or **DOWN** arrow button  without leaving the channel you are currently watching.








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

Programme Alert (Set Reminder)


You can programme your HubStation 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	Press the GUIDE button  on your remote control.
	Press the UP  or DOWN  arrow button to select the channel for programme you want to be alerted of.
	Press the RIGHT  arrow button, followed by the UP  or DOWN  arrow button to select the appropriate programme time-slot.
	Press the YELLOW (ALERT) button  to access the Set Reminder Screen.
	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).
	By pressing LEFT  or RIGHT  button, you can choose from the following options: <ul style="list-style-type: none"> •1 min •2 min •5 min •15 min •20 min •30 min •40 min •50 min •60 min Press the OK button  to confirm your selection.
	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.













Guide To Digital Cable Applications

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.




How To Use

Functions	Directions
1. To set a favourite channel.	Press the MENU button  on your remote control.
	Select TV Guide followed by Favourites on the TV screen.
	Use the UP  or DOWN  arrow button to choose the channels and press the YELLOW (SELECT) button  to select your favourite channels.
	Press the OK button  to confirm your selection and return to the main Menu.
2. To access a favourite channel.	Option 1 Press the FAVOURITE button  on your remote control to access your favourite channels. Surf your favourite channels by pressing the FAVOURITE button  .
	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  .
3. To remove a favourite channel.	Press the MENU button  on your remote control.
	Select TV Guide followed by Favourites on the TV screen.
	Use the YELLOW button  to remove your previous selection(s).
	Press the OK button  to confirm your selection and return to the main Menu.

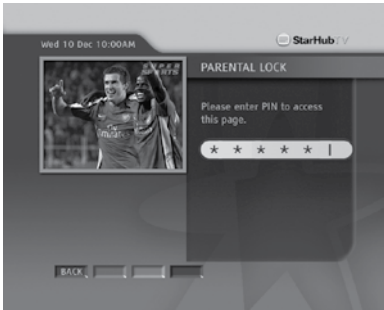
Guide To Digital Cable Applications

Last Channel Recall









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

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

Guide To Digital Cable Applications

Auto-Tune Setting

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

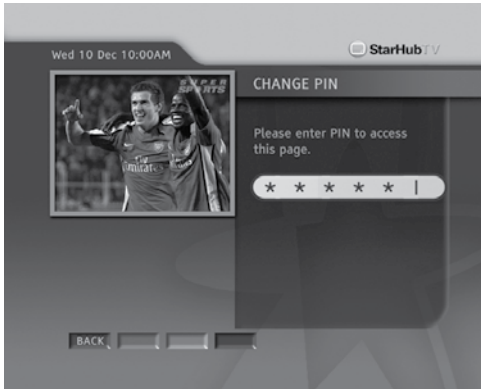
How To Use

Functions	Directions
1. To access Auto-Tune.	Press the MENU button  on your remote control.
	Select TV Guide followed by Auto-Tune on the TV screen, to access the Auto-Tune event list.
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.	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.
5. To confirm Start Time.	Using the number buttons on your remote control, enter the time you want the HubStation 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".
6. To select the Channel.	Using the LEFT  or RIGHT  arrow button on your remote control, select the Channel you want the HubStation to tune to.
	When done, press the BLUE button  to confirm and save your options.
7. To view and delete your preset event.	Press the MENU button  on your remote control.
	Select TV Guide followed by Auto-Tune on the TV screen to access the Auto-Tune event list.
	To delete an event on the list, select the event and press the YELLOW button  . The selected event will be deleted from the list.





Guide To Digital Cable Applications

Change PIN

This function allows you to replace the default or old PIN of your HubStation 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.	Press the MENU button  on your remote control.
	Select Settings followed by Change PIN on the TV screen.
	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.
	On the next screen, enter and confirm your new PIN. Press the BLUE (OK) button  to save the new PIN. 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.

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.	<p>Select Settings followed by General, then select Info Bar Duration.</p> <p>Use the LEFT or RIGHT arrow button to set the duration you wish the Info Bar to appear on the TV screen.</p> <p>Press the OK button to confirm your selection.</p>
2. To change Preferred Language.	<p>Select Settings followed by General. Use the LEFT or RIGHT arrow button to change the settings.</p> <p>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.</p>
3. To change Preferred Audio.	<p>Select Settings followed by General. Use the LEFT or RIGHT arrow button to select your Preferred Audio language.</p>
4. To change the TV Display.	<p>Select Settings followed by General. Scroll to TV display and use the LEFT or RIGHT arrow buttons to select your TV display settings (Standard or Widescreen).</p> <p>If you are using a widescreen TV set, you can set the TV display to widescreen to enjoy selected channels in widescreen format.</p>
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 80 hours of your favourite 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 like CSI, or HEROES. 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.

Stay in touch while watching TV

Send SMS and email your friends with your remote control. Even as you watch TV.

Guide To Smart TV™

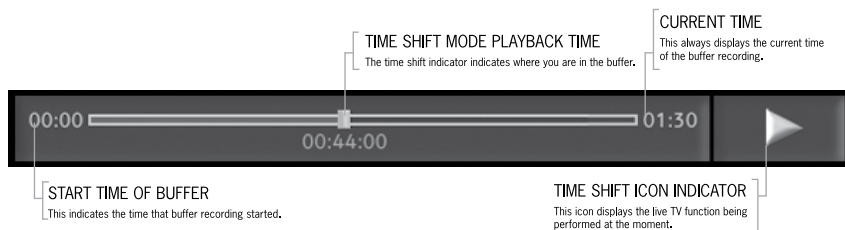
Control “live” TV

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 the 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 is powered on.

Duration of Buffer

The buffer is set at a maximum of 2 hours. You are able to buffer up to 2 hours of programmes at any time.

End of Buffer

When the buffer reaches its maximum 2 hours, the HubStation will continue to record, but recordings made at the beginning of the buffer will be removed.



The buffer will be erased when the HubStation 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.

The time-shift function can also be used when you are watching a recorded programme. Please refer to page 30 for more information.



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 or 32x. 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
<p>3. To watch a programme in slow-motion.</p>	<p>To slow-rewind, press the PAUSE button  and then press the REWIND button  on your remote control.</p>
	<p>To slow-forward, press the PAUSE button  and then press the FORWARD button  on your remote control.</p>
	<p>Press the PLAY button  to resume watching at normal speed.</p>
<p>4. Jump forward or backwards by a fixed interval.</p>	<p>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).</p>
	<p>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).</p>
	<p>You can customise the interval under Smart TV settings.</p>
<p>5. To go to the beginning or end of buffer.</p>	<p>Press and hold the PREV button  to go to the beginning of buffer.</p> <p>Press and hold the NEXT button  to go to the end of buffer.</p>
<p>6. To return to the current TV programme.</p>	<p>Press the STOP button  on your remote control to return to the current programme in real time.</p>

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.	<p>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.</p> <hr/> <p>To stop your recording, press Smart TV button  and select Recording Schedule.</p> <p>Press BLUE (MORE)  button to select Stop Recording and Press OK button  to confirm.</p> <p>Use LEFT  or Right  arrow button to select YES and OK button  to confirm.</p>

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.



Hard Disk Info
This indicates the amount of hard disk space available and the number of remaining time available for recording.

How To Use

Functions	Directions
<p>1. To record from the On-Screen TV Guide.</p>	<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>

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



















Hard Disk Info

This indicates the amount of hard disk space available and the number of remaining time available for recording.

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>

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

Guide To Smart TV™

Record Programme









Record By Time








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



Hard Disk Info
This indicates the amount of hard disk space available and the number of remaining time available for recording.

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.	Press the NUMBER buttons on your remote control to enter the start time of the recording.
	Press the RIGHT  arrow button to select between AM or PM.
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, Weekly, Weekdays or Weekends.
6. To select the Channel.	Press the LEFT  or RIGHT  arrow button to select the channel of your choice. If you know the channel number, you may also enter the channel number using the NUMBER buttons on your remote control.
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.

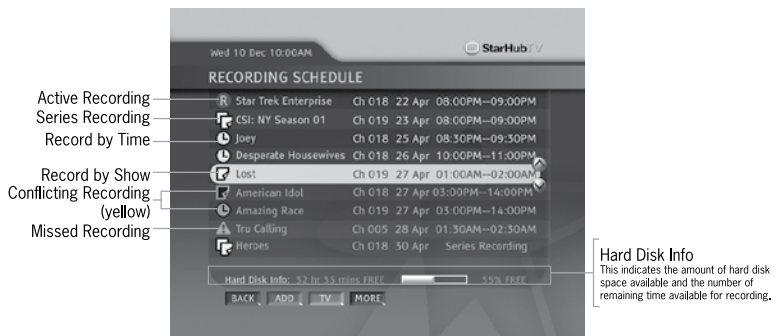
Guide To Smart TV™

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
<p>3. To tell the difference between the various recordings.</p>	<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
<p>4. To resolve scheduling conflicts.</p>	<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
<p>5. To edit scheduled recordings.</p>	<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>
<p>6. To remove a scheduled recording.</p>	<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 R 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.























Parental Locks put you in control of what your family watches. You can block selected ratings, channels, and programmes with a Parental Lock Personal Identification Number (PIN).



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 . 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  button. 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 . 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
<p>8. To rename a recorded programme</p>	<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>
<p>9. To move a recorded programme to another folder</p>	<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.



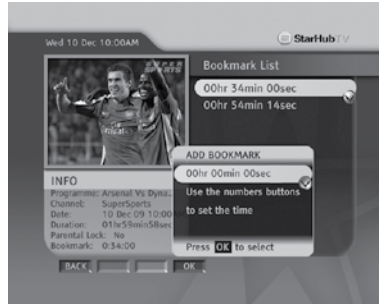
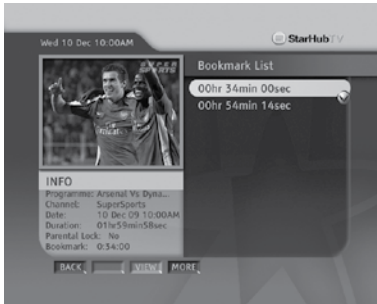
How To Use

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 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
<p>3. To add or rename a new folder</p>	<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 “←” 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>
<p>4. To delete a new folder</p>	<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.

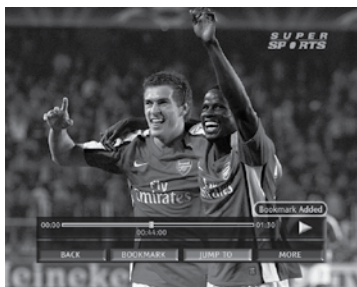
Functions	Directions
6. To add or edit a bookmark	<p>Press the BLUE  button to bring up the MORE sub-menu.</p> <p>Use the UP  or DOWN  arrow button on your remote control to select the ADD or EDIT function and press OK  button.</p> <p>Use the NUMBER BUTTONS to enter the time and press OK  button to confirm.</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.</p> <p>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 (OK) button to bring up the Playback progress bar. Press the GREEN (Green) button to add a bookmark.
2. To navigate between bookmarks	Press the PREVIOUS (previous) and NEXT (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) (JUMP TO) button on your remote control. Use the NUMBER buttons to enter the time and press OK (OK) button to confirm.
4. To access My Playlist	Press the OK (OK) button to bring up the Playback progress bar. Press the BLUE (Blue) button to bring up the MORE sub-menu. Use the UP (UP) or DOWN (DOWN) arrow button on your remote control to select My Playlist and press OK (OK) button.
5. To access Folder List	Press the OK (OK) button to bring up the Playback progress bar. Press the BLUE (Blue) button to bring up the MORE sub-menu. Use the UP (UP) or DOWN (DOWN) arrow button on your remote control to select Folder List and press OK (OK) button.

Functions	Directions
<p>5. To access Bookmark List</p>	<p>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.</p>
<p>6. To view the recorded programme info while playing back in full screen mode.</p>	<p>When in full screen playback mode, select the INFO button  . The Playback Info Bar contains the following information.</p> <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
<p>7. To view more information about the recorded programme. Note: Available only for programmes recorded by show.</p>	<p>Press the INFO button  . This will bring up the Playback Info Bar.</p> <p>Press the INFO button  a second time and you will see the programme title as well as a short synopsis.</p> <p>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.</p>
<p>8. To select your preferred audio track for the programme. Note: Selection is available only for dual language programmes.</p>	<p>Press the AUDIO  button to toggle language selection.</p>










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.



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 values accordingly.
5. To set instant recording to always record only the current programme.	Choose Programmes when changing your instant Recording Settings.
6. To set the default duration you would like the progress bar to stay on screen.	Use the LEFT  or RIGHT  arrow button to change values accordingly.

Functions	Directions
7. Jump Interval.	Use the LEFT  or RIGHT  arrow button to set your preferred Jump function interval. Eg. 5 sec, 10 sec, 1 min, 5mins.
8. Preferred Folder.	Use the LEFT  or RIGHT  arrow button to set the preferred folder to save your programmes whenever you schedule a recording.
9. Optimise Hard Disk.	Use the LEFT  or RIGHT  arrow button to select whether or not to optimise your hard disk.
	Press the BLUE  button to start the optimisation. 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.

Guide to Demand TV

Available to HubStation HD, HubStation and Set-top boxes with two-way interactivity.
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.

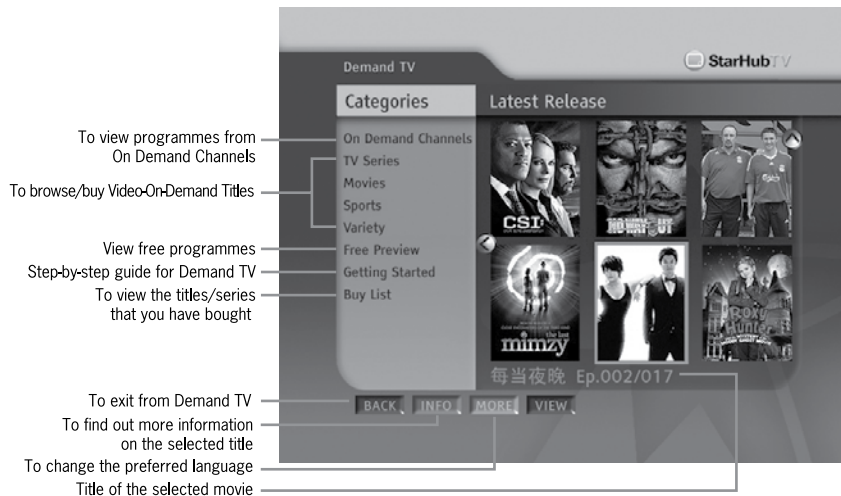
Video-on-Demand Title

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 Channels¹ 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.



¹Except for BPL on Demand where matches are delayed.
All prices includes 7% GST



How To Use

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

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.




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.



Display of purchase options of the selected title.











In this example, you can choose to purchase the entire series of Moonlight Resonance or buy only episode 02.

Go back to the previous page
To buy the selected title/series

Pricing details of the selected titles/series.

You can enjoy unlimited viewing of the purchased title/series before the indicated date and timing.

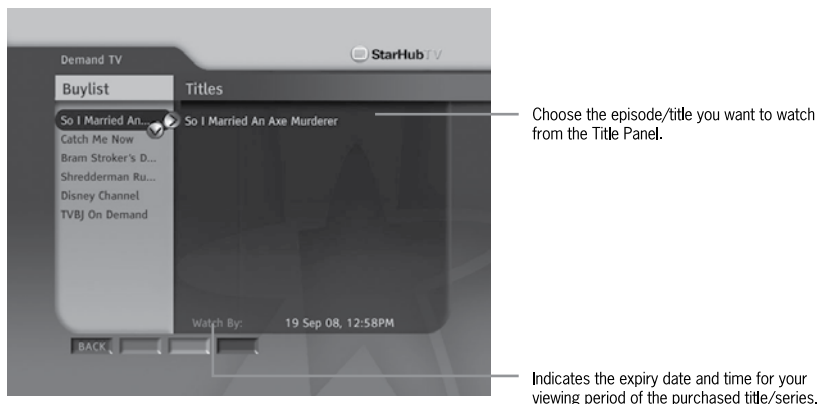
How To Use

Functions	Directions
1. To access the Buy Options page	Press the VOD  button on your remote control to launch the Demand TV catalogue page
	Use the UP  or DOWN  arrow buttons to select a category
	Press the BLUE (OK)  button to view the titles available in the selected category
	Use the UP  or DOWN  arrow buttons to select the title you like to purchase
	Press the BLUE (BUY)  button to access the Buy Options page (as show above)
2. Choose the Buy Option you want (where applicable)	Use the UP  or DOWN  arrow buttons to select the Buy Option you want
	Press the BLUE (BUY)  button to buy.










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 VOD  button on your remote control to launch the Demand TV catalogue page
	Press the DOWN arrow button  to select Buy list. Press OK button  to confirm.
	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
	Use the UP  or DOWN  arrow buttons to select the title or episode and press BLUE (VIEW)  button to start watching

Guide To Interactive Applications


Interactive TV

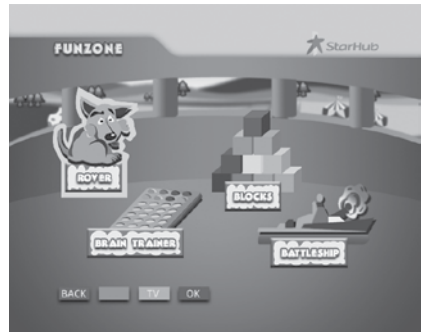
Interactive TV (Ch 800) brings you a whole new level of experience via your existing TV, into a world of information and interactivity, 24 hours a day, 7 days a week.

For a start, the suite of content includes “Live” Stock Prices, 4D results and Soccer Odds, Movies and Cinema Showtimes, StarHub Promotions, Soccer League Table etc. With more upcoming contents, there will be no more toggling between mobile and web as your television will have it all.

TV Games

There are five complimentary TV games. Playing instructions are available within each game.

To access your favourite TV game, 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 Game** 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  , TV  , 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 **Start Over** 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





TV SMS

With TV SMS, you can send SMS from your TV to a recipient on a StarHub mobile number.

To access TV SMS, press the **MESSAGING** button  on the remote control. When you see the Messaging portal, select **TV SMS**.



How To Use

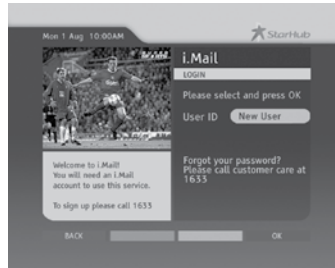
Functions	Directions
1. To send a message.	Enter your friend's mobile number and your name in the space provided, followed by your message. Press the BLUE button  to send.
2. To send message to a different recipient.	Press the GREEN button  and select from a list of numbers available from the Address Book. Press the OK button  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 YELLOW button  . Note: The session automatically terminates after 15 minutes of non-activity.

Guide To Interactive Applications






i.Mail

You can use i.Mail on TV if you are already subscribing to StarHub's i.Mail service (for more information please visit www.starhub.com).

To access i.Mail, press the **MESSAGING** button  on the remote control. When you see the Messaging portal, select **i.Mail**. You can also access i.Mail by pressing the **MENU BUTTON** , scrolling to **Messaging** and selecting **i.Mail**.



How To Use

Functions	Directions
1. To login.	Press the OK button  when New User is selected and enter your existing i.Mail User ID and password.
2. To read a mail.	Press the OK button  with any of the mail selected.
3. To reply to a mail.	Select Reply from the list of commands available at the left hand side of the screen and compose your message.
4. To add new addresses from the Address book.	Select Add from Address book from the list of commands available at the left hand side of the screen. Press the OK button  on any address in the list of addresses available to add the new address.
5. To send a mail.	Press the BLUE button  or the OK button  .

Guide To Interactive Applications

Internet Surfing

Your HubStation 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 to your computer. Alternatively, you may upgrade to any of the MaxOnline Postpaid Plan[~] with HubStation. 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 2009.

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

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

Voice Solutions

HubStation 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's complimentary broadband access or any of the MaxOnline Postpaid Plan on HubStation.

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

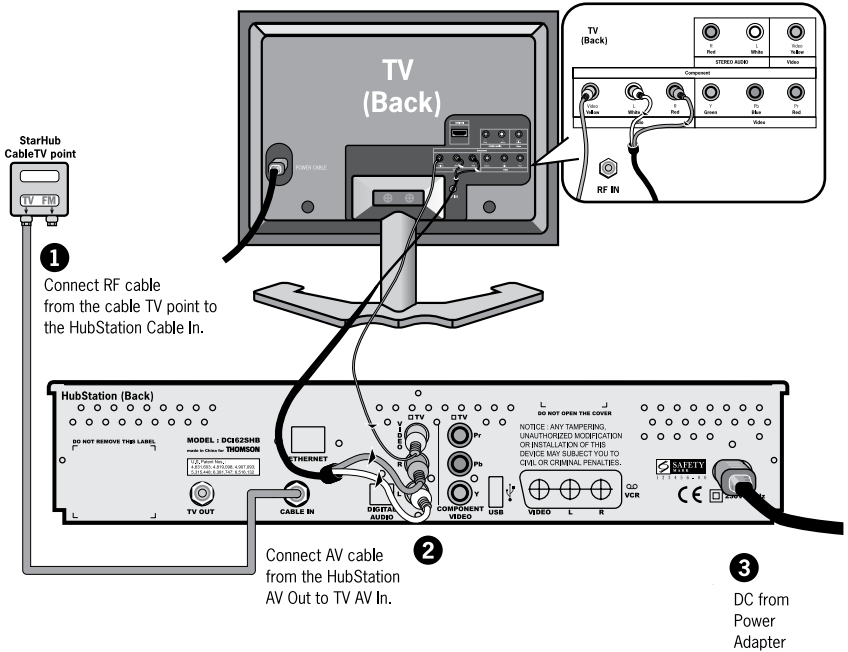
For more information on Digital Voice, visit www.starhub.com/voice

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

Technical Information

Installation Guide

Option 1: Connection via Composite AV cable (basic set-up)



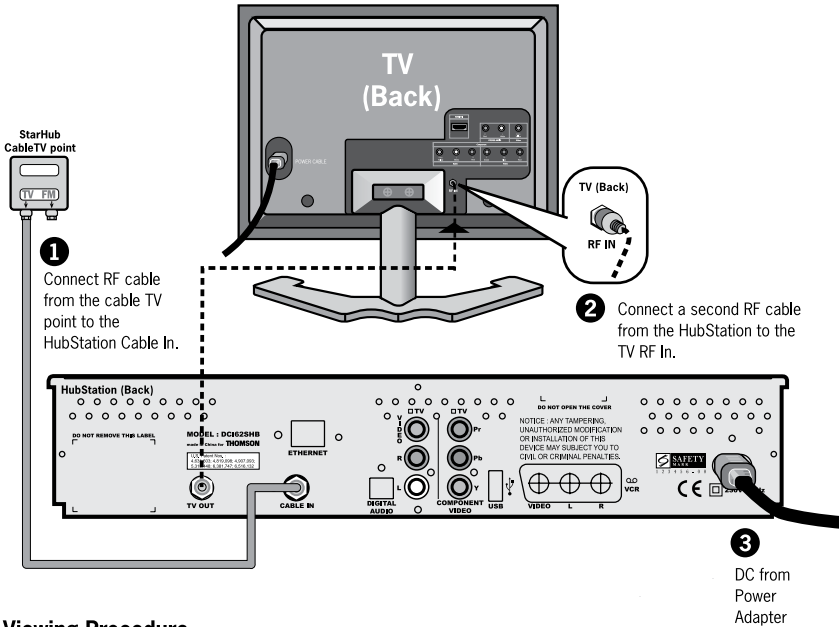
Viewing Procedure

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

Technical Information

Installation Guide

Option 2: Connection via RF cables – For TV units without AV inputs




Viewing Procedure


- 1) Tune TV unit to receive programmes from your HubStation.
(Refer to **Tuning Procedure** for more information.)
- 2) Select the pre-tuned RF channel.
- 3) Select the channel using the remote control of your HubStation.

To receive the channels for Option 2, the TV unit must be tuned to UHF Channel 67 (838Mhz to 846Mhz). You can use either the TV remote control or the button on the front panel of the TV unit for tuning.

Tuning Procedures-Auto

1. Turn on your HubStation. Wait one minute for initialisation to complete before you press the **MOSAIC** button  on the remote control of the HubStation.
2. Press the AUTO SEARCH button on the front panel of the TV or select [MENU>TUNE>AUTO] from the TV remote control.
3. The TV unit will automatically search and lock all available TV channels assigning each channels with a CHANNEL NUMBER (#).
4. Pay attention to the CHANNEL NUMBER (#) that is assigned to the channel.
5. Once the Auto Search is complete, press the CHANNEL NUMBER (#) that has been assigned to receive the channel.

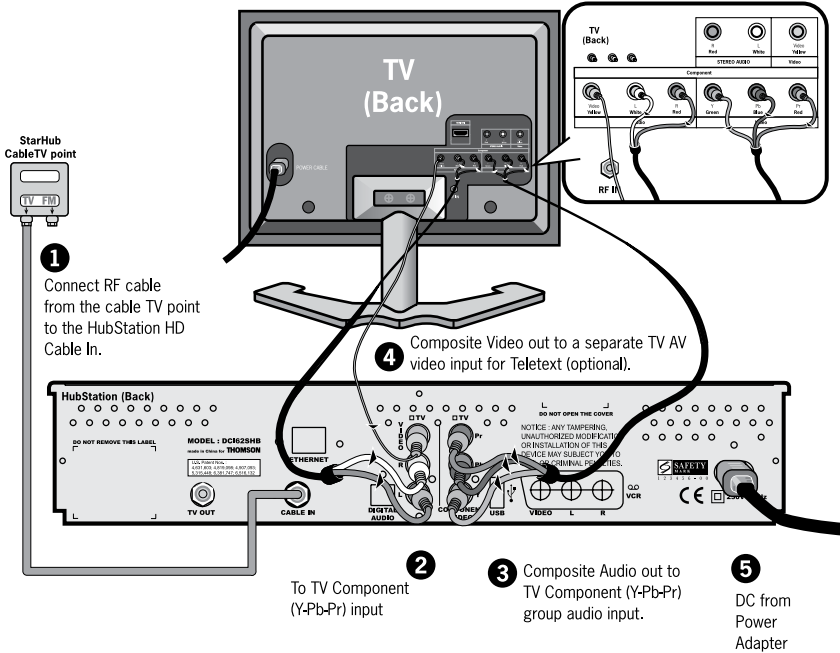
Tuning Procedures-Manual

1. Turn on your HubStation. Wait one minute for initialisation to complete before you press the **MOSAIC** button  on the remote control of the HubStation.
2. Select an unused CHANNEL on the TV unit.
3. Press the TUNING button on the TV remote control or at the front panel of the TV unit, commonly labeled as [PRESET], [INSTALL], [SET], [P/C] or [MENU>TUNE>MANUAL]. If the TV unit does not have any of these buttons, please refer to the TV manual.
4. Start tuning by pressing or selecting the VOLUME +/- button or the CHANNEL UP/DOWN button on the TV remote control until the channel appears on the screen.
5. Next, press the STORE or MEM button on the TV remote control to store the tuning.
6. Press the MENU or PRESET button to end or exit the tuning procedure.

Technical Information

Installation Guide

Option 3: Connection via Component Video and Composite Audio



IMPORTANT

- Only 1 set of composite cables and 1 set of RF cables are included during installation. The component cables have to be purchased separately.
- TV unit must come with component video and composite audio input in order to apply this connection.

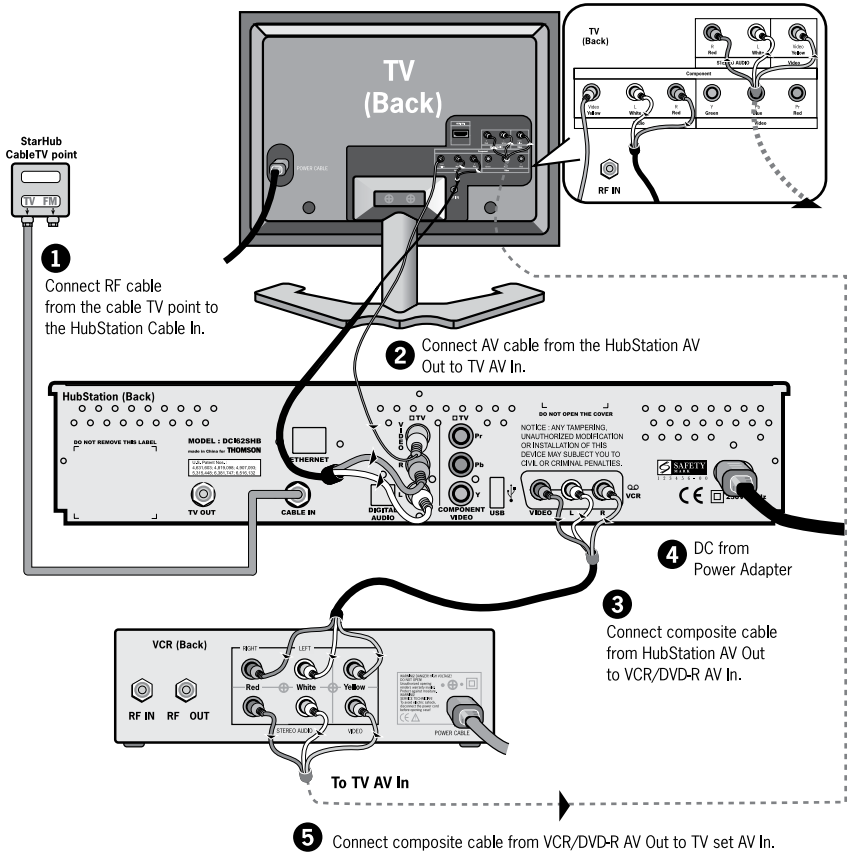
Viewing Procedure

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

Technical Information

Installation Guide

Option 4: Connection via Composite AV Cable to VCR / DVD-R



IMPORTANT

- Only 1 set of composite cables and 1 set of RF cables are included during installation. The component cables have to be purchased separately.

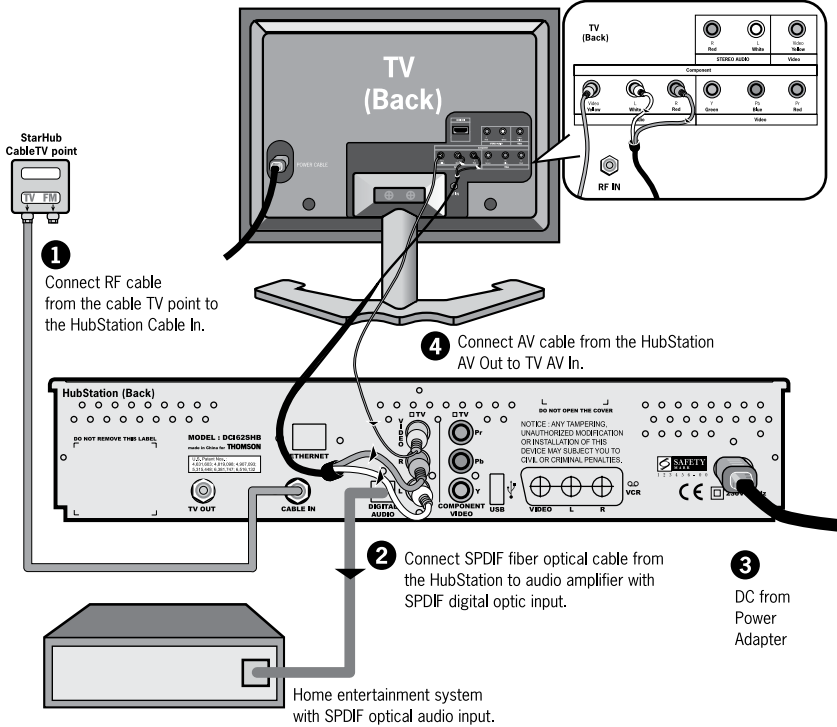
Viewing Procedure

- 1) Switch your TV to the AV Channel to watch your programmes.
- 2) Select the channel using the remote control of your HubStation.

Technical Information

Installation Guide

Option 5: Connection via Digital Audio (SPDIF)



IMPORTANT

- The SPDIF fiber optical cable is not included during installation. It has to be purchased separately.

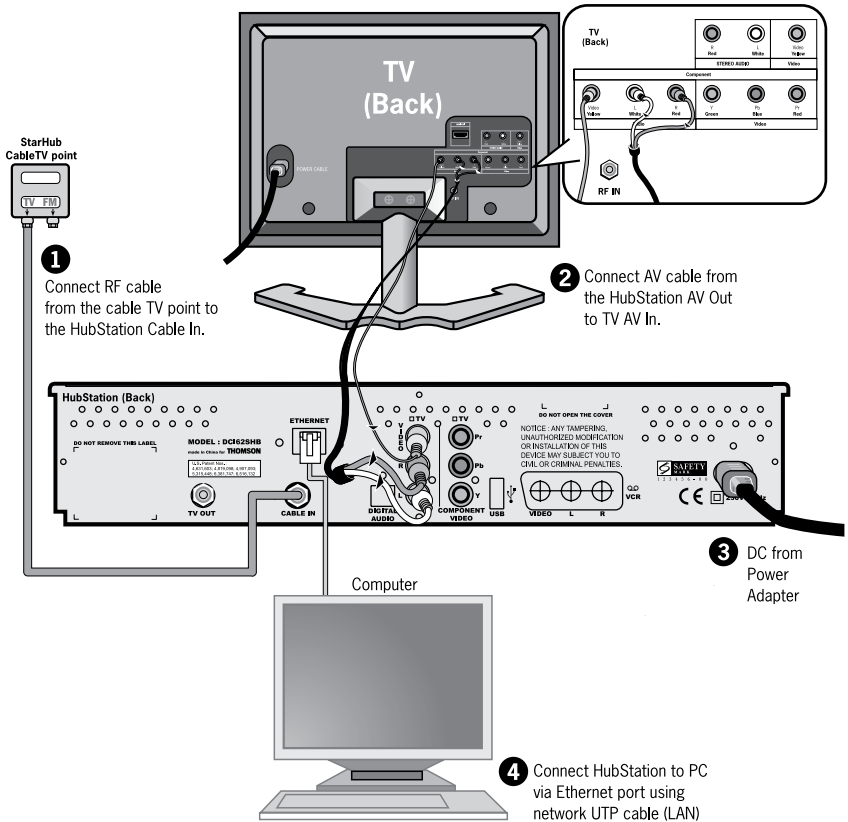
Viewing Procedure

- Switch your TV to the AV Channel to watch your programmes.
- Select the channel using the remote control of your HubStation.

Technical Information

Installation Guide

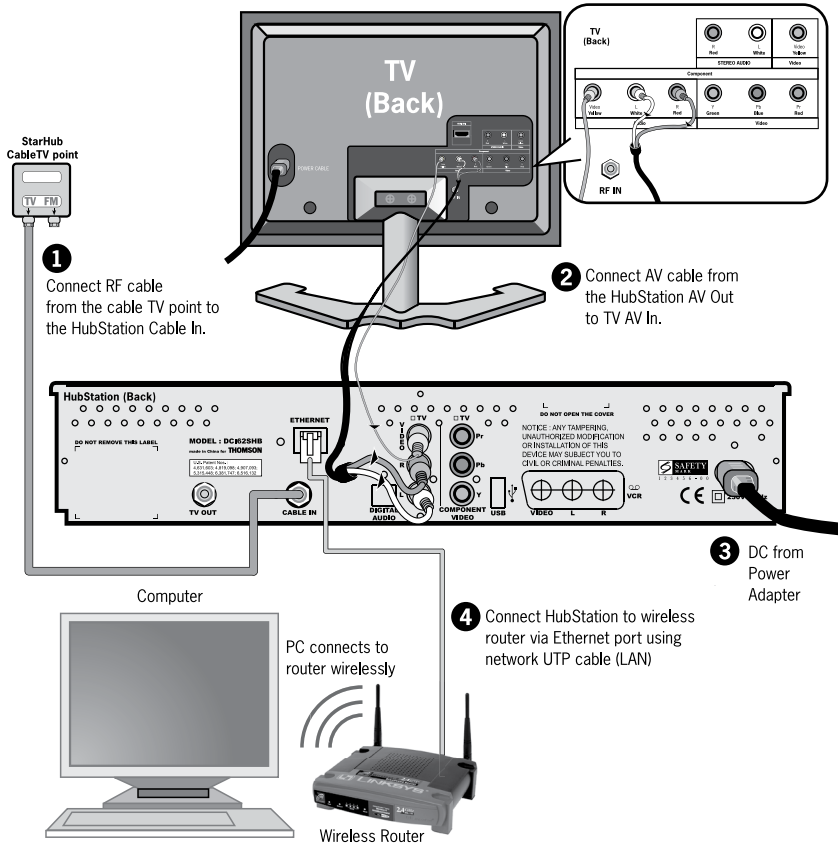
Option 6: Connection for PC Internet Broadband Access via Ethernet Port



Technical Information

Installation Guide

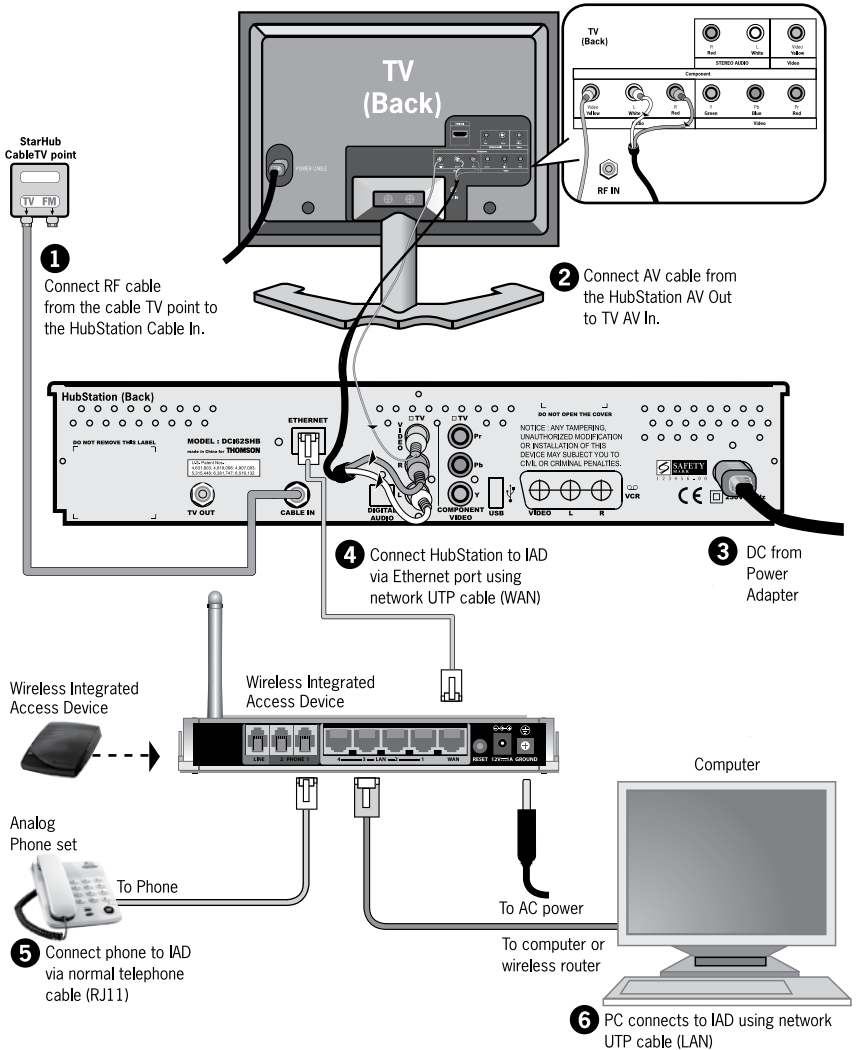
Option 7: Connection for PC Internet Broadband Access via Wireless Router



Technical Information

Installation Guide

Option 8: 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, 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.
- Check that the selected channel on your TV unit is tuned to UHF Channel 67 (838Mhz to 846Mhz).

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

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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AOS Building
Singapore 139938

Customer care enquiry: For StarHub Digital Cable, MaxOnline or Digital Voice postpaid customers, please call 1633 and have your 8-digit Customer Number ready. For all other customers, please call 1900-911-9110 (chargeable at \$0.30 per minute, before GST).