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How to use this manual

This LISCO TV Users Manual gives you comprehensive information and step by step instructions on using your new LISCO TV service

- This guide is written with color coded instructions.
- When you are referred to make a button selection on your remote control, the text will be written in the color **RED**.
- When you are referred to select a menu on your TV Screen, the text will be written in the color **BLUE**.
- Any important references regarding your LISCO TV features will be written in the color **ORANGE**.

If you have any trouble..

If you run into a problem at any point while using this guide, help is available!
Please call our LISCO Customer Service department.

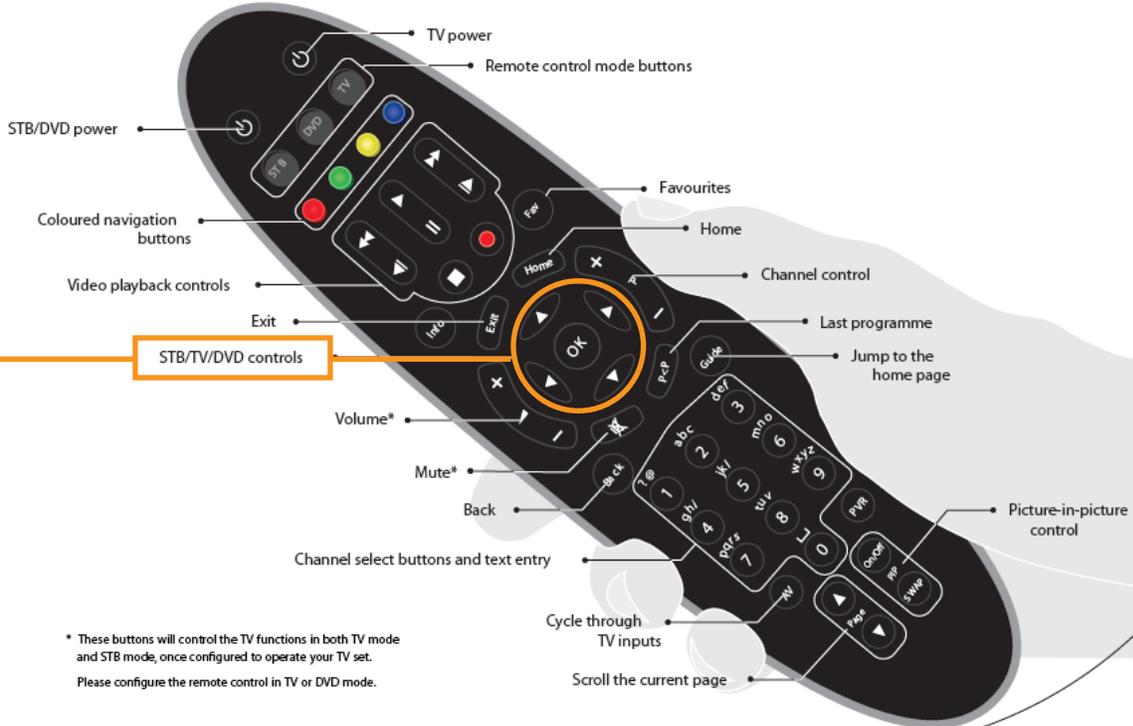


LISCO Customer Service Department
1-800-209-5400 option 3 for Video
Hours: M-F 8:00 am - 5:00 pm and Saturday 9:00 am - 1:00 pm
* after hours support is also available *

Remote Control

Using the Remote to Control the Set-Top Box, TV, or DVD

The function of unlabelled buttons may vary depending on the service provider.



AVC Remote Control Guide

7

Your LISCO TV remote may not have the up, down, left and right arrows printed on the buttons, however the buttons work the same way.

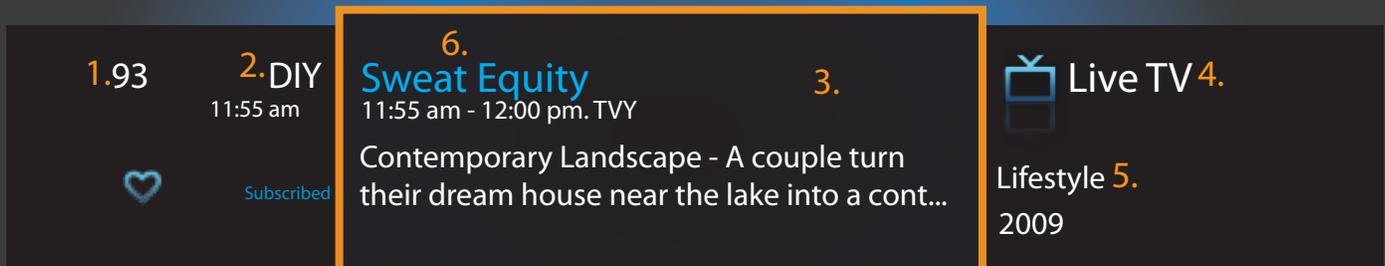
How to get information on the program you are watching

- Pressing the **UP**, **DOWN** or the **INFO** button will bring up the **Info Bar** for the channel you are watching.

This information bar gives you several pieces of information about the program you are watching as illustrated below.

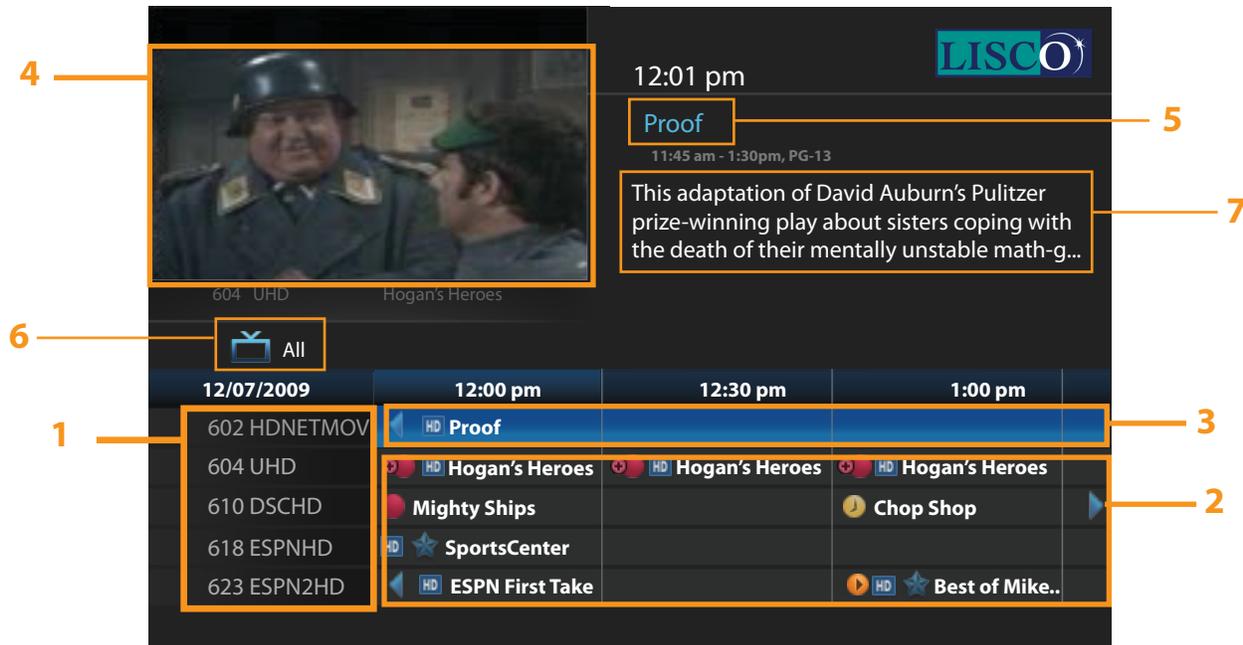
- You can press **EXIT** to make the Info Bar go away, or it will go away on its own in a few seconds.

1. The channel number that you are currently viewing.
2. The Channel ID you are currently viewing.
3. Channel information, by pressing the **RIGHT** button in the mini bar you will see the center box (high-lit in orange) change to what show is coming on next for that channel. Pressing left will take you back to what is currently on.
4. The “Live TV” Icon tells you that you are currently watching a live TV broadcast and not a recorded program from your Digital Video Recorder(DVR)
5. The show category, ie: lifestyle, sports, fantasy, other, etc.
6. The name of the show or program being viewed in the Info Bar.



How to access the guide

- You can access the TV Guide by pressing the **GUIDE** button on your remote control or by pressing **MENU** and selecting the **GUIDE**  icon.



1. The left side of the guide grid shows you the channel number and channel ID.
 2. The right side of the guide grid shows you what is playing. You can cross reference the time that show is playing to the time table directly above.
 3. As you scroll through the channels, using the buttons around **OK** button, you will notice a blue selection tool highlighting the programs. As you move the selection tool around, the information changing on the top right section of the guide will change as well, to display information on the show you have selected.
 4. If you press **OK** on any show in the currently playing time slot, the guide will display that show in the top left corner, but will not automatically exit the guide. If you press **OK** on a future show, the guide will bring up the Channel Actions menu. See page 7 for more details on Channel Actions.
 5. The show name that your channel selection tool (3) has selected.
 6. Current Favorites List: Pressing the **GUIDE** button will cycle you through your different favorites lists. You can learn more about favorites on page 9 of this manual.
 7. A short description of the show you have selected with the blue selection tool (3).
- To exit the guide, press **EXIT** on your remote.

Navigating around the guide



The screenshot displays a TV guide interface. At the top left is a video thumbnail for 'Hogan's Heroes' with the channel '604 UHD'. To the right, the time is '12:01 pm' and the LISCO logo is visible. Below the time, the program 'Proof' is highlighted, with a description: 'This adaptation of David Auburn's Pulitzer prize-winning play about sisters coping with the death of their mentally unstable math-g...'. The time range for 'Proof' is '11:45 am - 1:30pm, PG-13'. Below the program information is a grid of channel listings for '12/07/2009'. The columns represent time slots: '12:00 pm', '12:30 pm', and '1:00 pm'. The rows list channels and their current programs: '602 HDNETMOV' (Proof), '604 UHD' (Hogan's Heroes), '610 DSCHD' (Mighty Ships), '618 ESPNHD' (SportsCenter), and '623 ESPN2HD' (ESPN First Take). The '1:00 pm' slot shows 'Chop Shop' on 610 DSCHD and 'Best of Mike..' on 623 ESPN2HD.

12/07/2009	12:00 pm	12:30 pm	1:00 pm
602 HDNETMOV	HD Proof		
604 UHD	HD Hogan's Heroes	HD Hogan's Heroes	HD Hogan's Heroes
610 DSCHD	Mighty Ships		Chop Shop
618 ESPNHD	HD SportsCenter		
623 ESPN2HD	HD ESPN First Take		HD Best of Mike..

- You can instantly get guide information for any channel number by entering in that channel number on the Number Pad (0-9)
- If you want to move quickly through the guide, the **PAGE UP** or **PAGE DOWN** button on your remote will allow you to jump up or down one page of show listings instead of a single channel at a time.

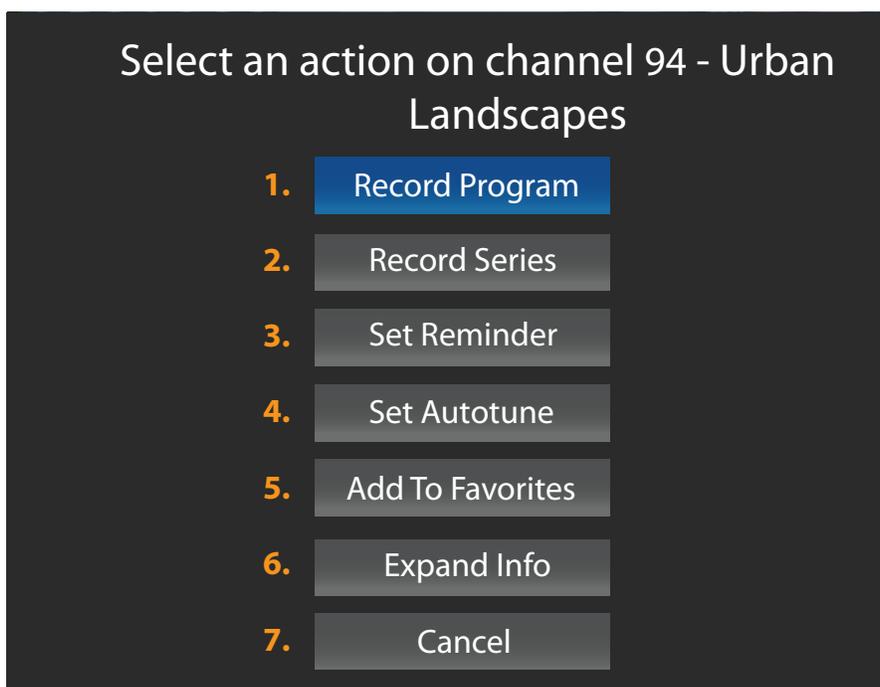
Guide - record, set reminders, add favorites, expanded info

The LISCO TV Guide gives you a comprehensive play list of what is currently playing on your television.

- Pressing the button to the right of the **OK** button your remote control will allow you to scroll through future show listings. You can keep pressing right for up to 7 days of information.

If at any point you come across a future program that you would like to watch you may either record that show for viewing later if you have DVR, have LISCO TV remind you about a show, or request LISCO TV to change you to that specific show when it starts playing.

- Pressing the **OK** on your remote will bring up the Channel Actions menu.



1. Record Program - This action records the show or movie and you can watch it using the built in DVR.

2. Record Series - This action records the show anytime that series of selected shows airs.

3. Set Reminder - This action alerts you when that show is about to play

4. Set Autotune - This action will change you to that channel when that show is playing

5. Add to Favorites - This action will add that channel to your favorites list

6. Expanded Info - This action displays the most detailed information available for that show.

7. Cancel - This action will Exit you from the Channel Actions Menu.

What the guide icons mean

12:01 pm

LISCO

Proof
11:45 am - 1:30pm, PG-13

This adaptation of David Auburn's Pulitzer prize-winning play about sisters coping with the death of their mentally unstable math-g...

604 UHD Hogan's Heroes

All

12/07/2009	12:00 pm	12:30 pm	1:00 pm
602 HDNETMOV	HD Proof		
604 UHD	HD Hogan's Heroes	HD Hogan's Heroes	HD Hogan's Heroes
610 DSCHD	Mighty Ships		Chop Shop
618 ESPNHD	HD SportsCenter		
623 ESPN2HD	HD ESPN First Take		HD Best of Mike..



The HD icon appears next to a show that is playing in High Definition.



The New Show icon appears next to the latest broadcast of that show.



The Blocked Channel Icon appears next to a channel that is blocked by LISCO or with parental controls.



The Single Autotune icon appears next to a show you've set to Autotune



The Series Autotune icon appears next to a series of shows you've set to Autotune



The Recording icon appears next to a show that is recording or set to record.



The Series Recording icon appears next to a series of shows you've set to record.



The Canceled Recording icon appears next to a show that was previously selected to record to DVR but has been cancelled.



The Canceled Series Recording icon appears next to a series of shows that was previously selected to record, but has since been cancelled by you.



The Single reminder icon appears next to a show you've set to remind you about.



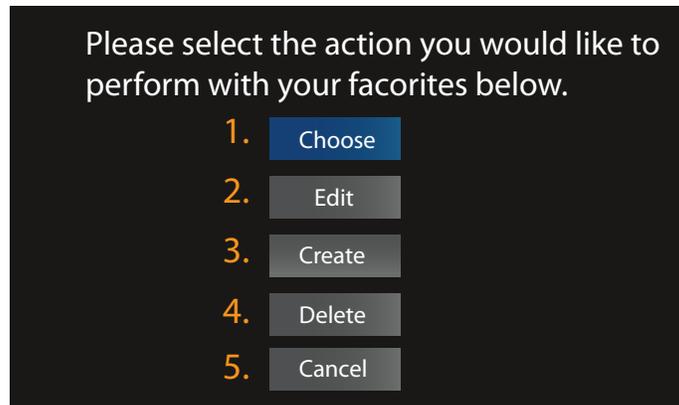
The Series reminder icon appears next to a series of shows you've set to remind you about.

Favorites - How to create, edit and delete

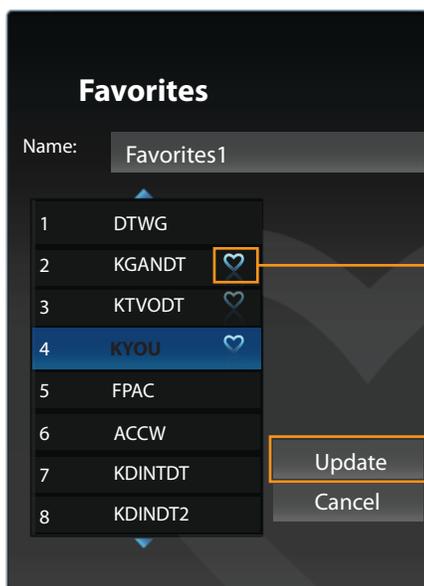


The Favorites Menu will allow you to create, edit and delete your favorites lists.

- You can access your Favorites menu by pressing the **MENU** button on your remote control.
- Then select the **Favorites** menu. Press the **OK** button enter the menu.



1. **Choose**: will let you choose which favorites list you would like to edit or delete.
2. **Edit**: will let you edit the favorites list you have defined under “choose”.
3. **Create**: will let you create a new favorites list.
4. **Delete**: will let you delete the the favorites list you have defined under “choose”.
5. **Cancel**: will cancel you out of your favorites menu and take you back to your TV.



- When you press **OK** next to the channel you want to add to your favorites, it will add a heart next to it.
- When you want to remove a channel from favorites, press **OK** on a channel with a heart already on it.

Make sure to Select Update and press OK to save any changes you may have made to your favorites lists.

Search Function - How to find by program name, topic, actor, etc



The Search Menu will allow you to search the LISCO TV Guide or recordings by any criteria such as program name, topic, actor name, etc.

You can access your Search menu by pressing the **MENU** button on your remote control and select the **Search** menu. Press the **OK** button to enter the Search menu.

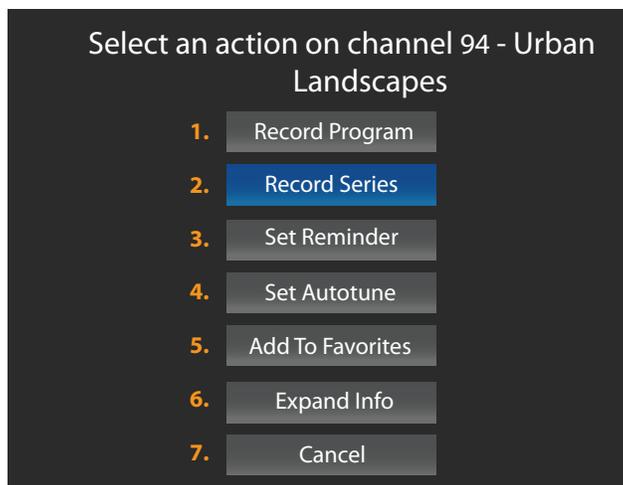


- Select the Menu that says **Enter Text** and press **OK**. This will bring up the keypad.
- Type in your search terms by scrolling up, down, left and right to the letter or action you want and pressing **OK**; for example, "Football" will search for any show that has the word Football in either the show name or show information. Press **Done** when you have finished entering in the word(s) you would like to search for.
- Select **Search Guide** and you will be asked if you would like to do an extended or quick search. Press **OK** on the style of search you prefer. An extended search takes longer as it needs to search through 7 days of current and future show listings.
- Select **Search Recordings** to search your recorded items for the words "Football"



How to use the channel actions menu to record, set reminders, add to favorites

The Channel Action menu comes up when you press the the **OK** button at any point during the show you are watching. This menu will allow you pick from several options



1. Record Program - For DVR subscribers, this action will let you instantly start recording the show you are watching.

2. Record Series - For DVR subscribers, this action will start recording what you are watching. This action will also record any broadcast of that show for you that plays on any station, at any time.

3. Set Reminder - This action allows you to set a reminder that will remind you of when this show comes on again.

3. Set Autotune - This will instantly tune your TV to the show you have selected when it airs. This can be set for single programs or entire series.

4. Add to Favorites - This will add the channel to your favorites list.

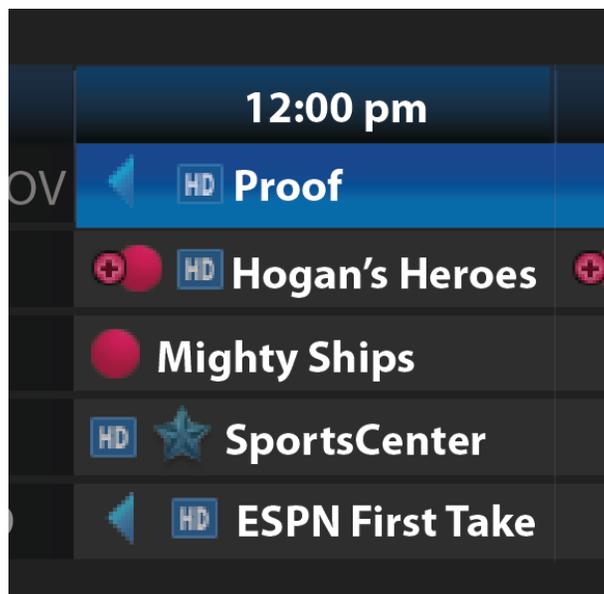
5. Expanded Info - Displays the most complete and detailed information available for the show you are watching.

6. Cancel - This action will exit you out of the Channel Actions menu.

DVR - Recording a program you are watching

- To instantly start recording a channel you are currently watching, press the **RECORD** button on your remote while viewing any channel.
- This will turn a red recording light on in your Set Top Box. This light will only come on while your Set Top Box is recording.
- Your Set Top Box will now be recording. You can change to a different channel and it will keep recording. You can record up to 3 channels at a time while watching one of them*.

You can also record programs by using the LISCO TV guide.



- Press your **GUIDE** button to access the LISCO TV Guide.
- Then select a show or movie you would like to record.
- Press the red **RECORD** button on your remote and a red  will appear next to the program you have selected to record. If you are trying to record a show or movie that has not played yet, the DVR will record the show and save it for you to watch at a later time.

DVR - Recording a series

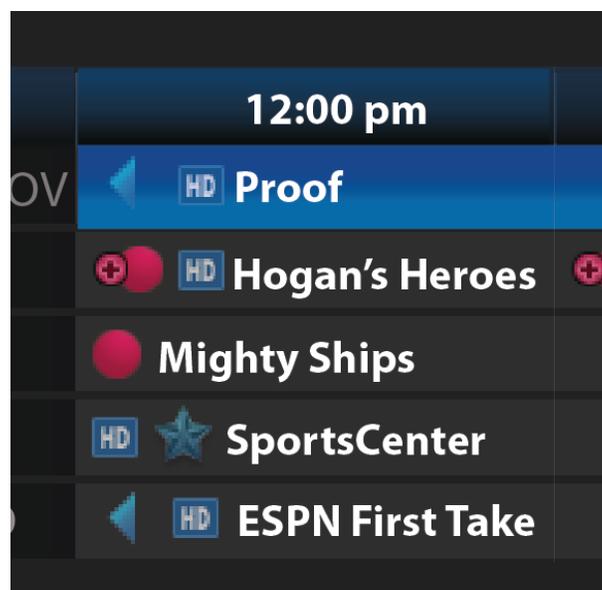


Series recording is an amazing feature of LISCO TV. By selecting a show to series record it will record every episode. This feature makes it so that you will never miss a show you are interested in.

You can start a series recording by selecting a show for which you would like to record every episode. You may select this show by browsing through the Guide, or during any point of the show if you're already watching it.

- Press the **OK** button on your remote and it will bring up the Channel Actions menu.
- Select **RECORD SERIES** and press **OK**. You will then be recording every episode of that show, everytime it comes on.

You will notice in the guide that any show that has series recording enabled will have a red Series Recording icon next to it. 



DVR - review recorded programs

Your DVR Menu allows you to watch, sort and delete your recorded programs.

- You can access your DVR Menu by pressing the **MENU** button on your remote control.



- Navigate to your **DVR Menu** by pressing the left or right buttons and pressing **OK** when you get to the **DVR** icon.

You will be automatically taken to the **Recorded Programs** menu. Here you have a few options on a show you have recorded.

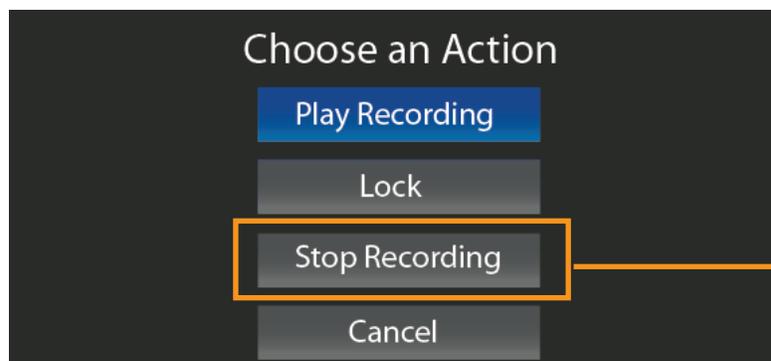
- Start by pressing the **RIGHT** button and selecting a program from your list that you want to either **Play**, **Lock** or **Delete**. If you have previously watched a recorded program without watching the entire recording, you will also have an option to Resume Play.

- Once you have selected a recording, press **OK**.

1. **Play Recording** will allow you to instantly view the recorded show from the start of the recording.

2. **Lock** will allow you to Lock that recording from being deleted. Locking a favorite movie or program you intend to keep for an extended period of time is a good idea. Locking will save the show or movie from being erased by accident. Locking a show will also protect it from being overwritten when the DVR hard disk becomes full.

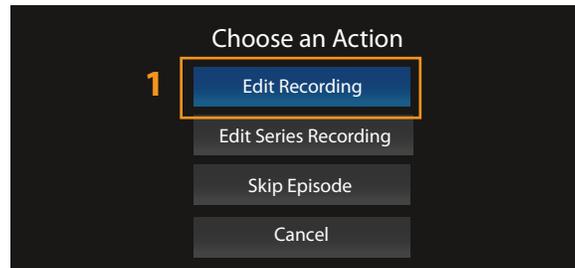
3. **Delete Recording** will permanently erase the recording from your Set Top Box.



If you are currently recording a program you are trying to perform an action on, you will also have the choice to stop the recording with the **Stop Recording** action.

DVR menu - review programs set to record

- Press the **OK** button and you will see these options:



1. **Edit Recording** will allow you to edit the start and end times of the recording. This feature is extremely helpful for programs that might start early or end late. An example of programs that may start early or end late would be some movies and competitive sports like football, baseball, racing, soccer, etc.

- To edit a recording choose the **Edit Recording** button and press **OK**.

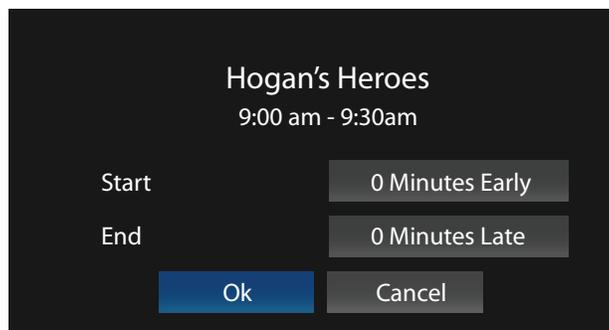
A new window will pop up for you to edit.

- Select **Start** and press **OK**. This will let you edit the Start time. Press the **UP** or **DOWN** buttons on your remote to define how early you want the program to start recording. Press **OK** once you have made a selection.

- Select **End** and press **OK**. This will let you edit the Start time. Press the **UP** or **DOWN** buttons on your remote to define how early you want the program to start recording. Press **OK** once you have made a selection.

- Select **Ok** and press **OK** on your remote to save your changes.

Your changes to the show schedule are now completed and you will be back in your **To Record** screen of the **DVR Menu**.



DVR menu - How to change a series set to record

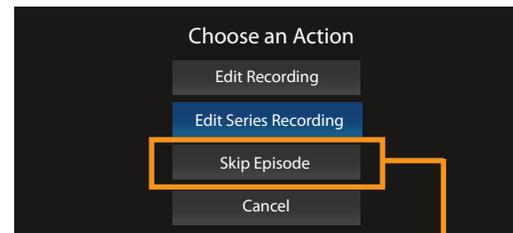
To edit a series recording navigate to your [DVR Menu](#), as on page 14.

- Select a recording from your [To Record](#) menu and press **OK**.

The Choose an Action window will come up.

- Select the [Edit Series Recording](#) menu and press **OK**.

A new window will pop up for you to edit.



Skip Episode will skip that episode in the series from being recorded.

1. **Channels:** List the Channel the selected show plays on.

You can edit this list if your show plays on multiple channels.

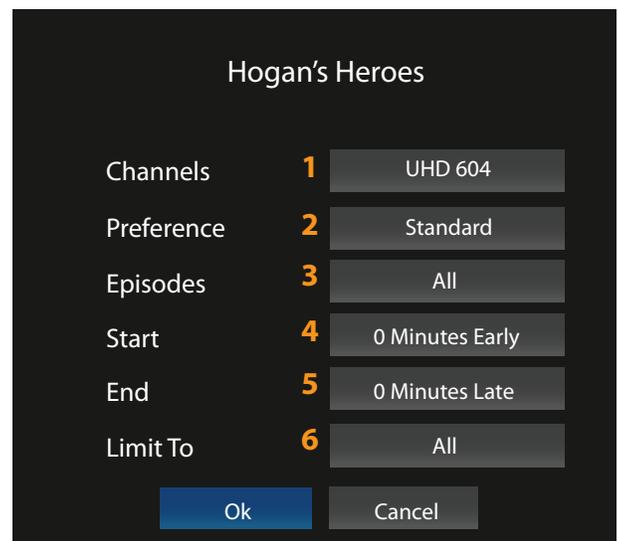
2. **Preference:** You may change the settings so it will record only standard or high definition broadcasts of that program.

3. **Episodes:** you may select "All" to record everytime the program airs or "New only", which will only record the newest broadcast of that show.

4. **Start:** will let you set the recording to start early

5. **End:** will let you set the recording to end late

6. **Limit To:** will let you define if these settings are for every episodes of the series or a defined number of episodes you select.

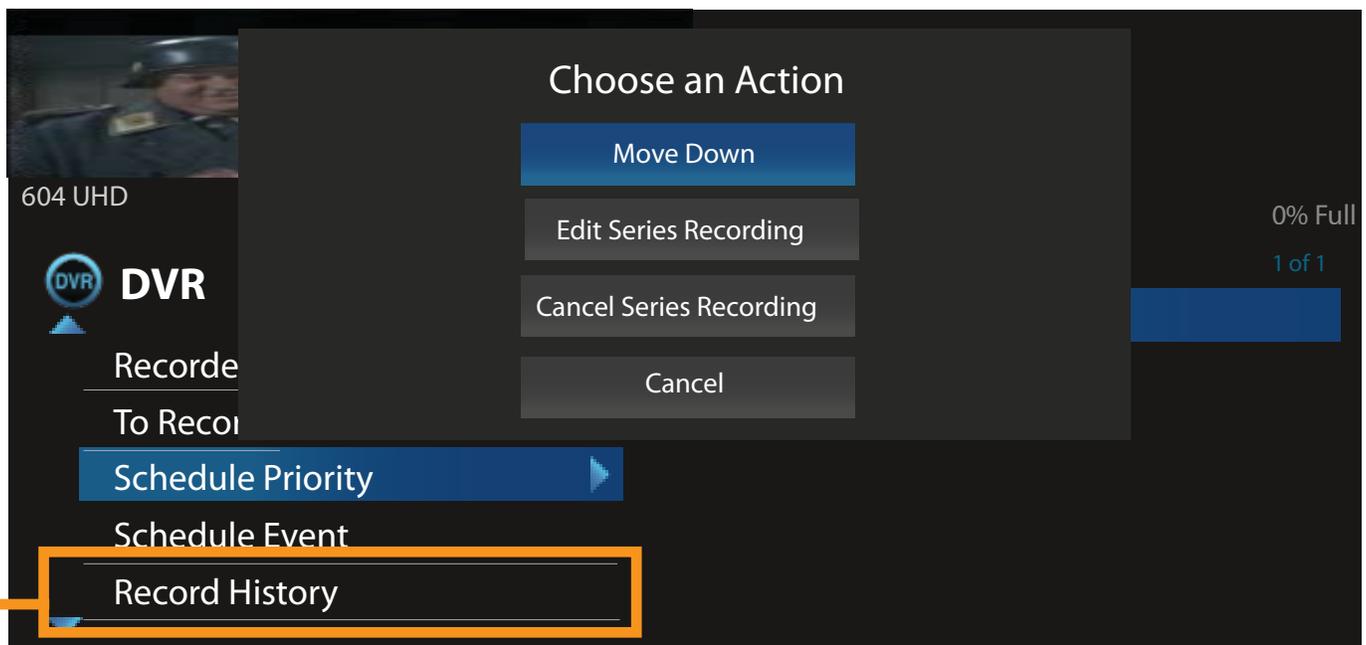


- You can make changes to any of these fields by selecting them with the Directional Button on your remote. Once the field is selected you can press **UP** or **DOWN** to change the settings.

- When you are all done making the settings changes, Select **OK**.

Your changes to the show schedule are now completed and you will be back in your [To Record](#) screen of the [DVR Menu](#)

DVR menu - how to review priority and history

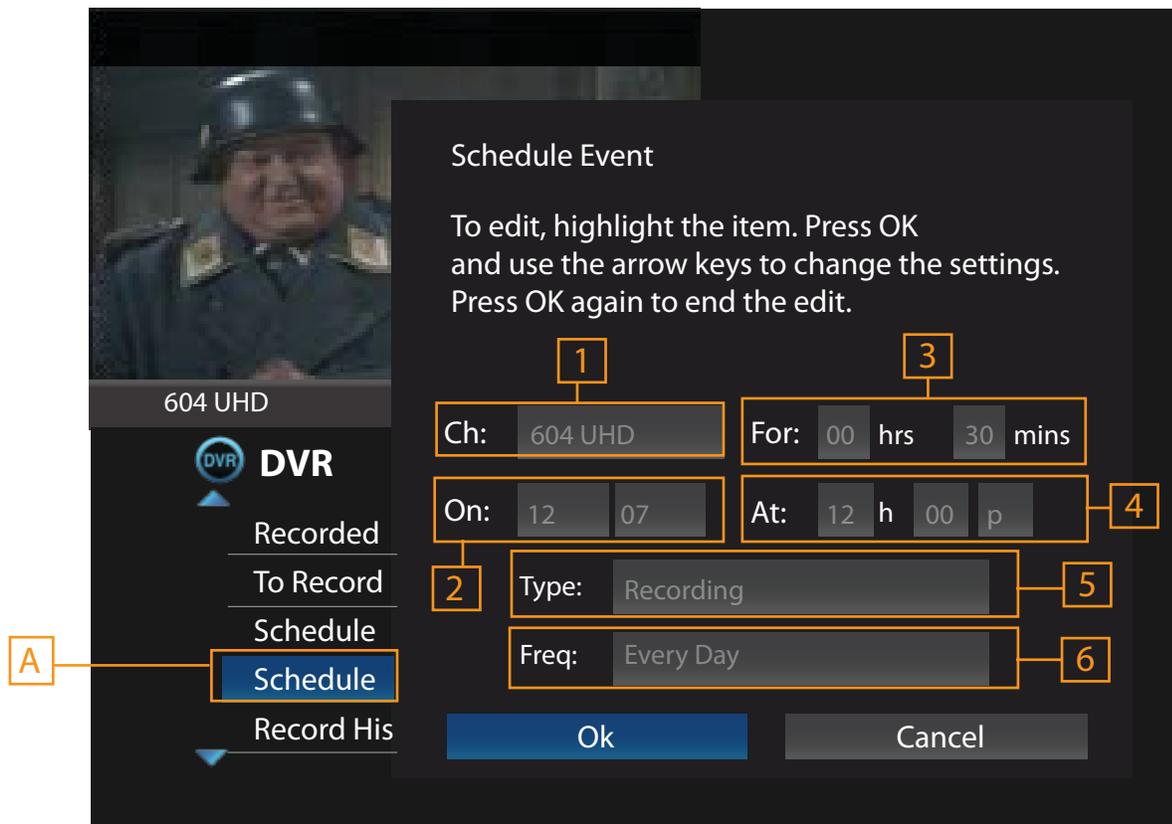


The [Schedule Priority](#) Menu will let you adjust the priority level up or down for upcoming recorded programs. This option tells LISCO TV how to act if it runs into a situation where more than 3 future programs may have been selected to record at the same time.

- Pressing **OK** on any of the shows in this list will let you edit the priority level.

The [Record History](#) menu will let you browse through all of the recordings that has happened on your LISCO TV. This menu can help you confirm information if you are curious if a recording you set took place.

DVR menu - how to schedule an event



The **Schedule Event** menu (A) will let you tell the Set Top Box to either Record, Remind or Autotune to a specific channel for a defined amount of time.

- You can start to create a Scheduled Event by pressing the **OK** button when you have selected the Schedule Event menu.

You can define all of these elements about the event:

1. **Ch**: Set the channel you would like to create an event for
2. **On**: Set the date (month/day) the event starts
3. **For**: Set for how long you would like the event to run
4. **At**: Set the time you would like the event to start it.
5. **Type**: Set the event type as a Recording, Reminder or Autotune event
6. **Freq**: Lets you define if you want this event to happen just once, daily, weekly or Monday through Friday (M-F)

- When you are all done with the event settings select **OK** to confirm or **Cancel** if you change your mind and would not like to create an event. Press **OK** on your remote to confirm.

DVR - Miscellaneous Notes

LISCO TV will let you experience an amazing new way of watching television. However great technology is, there are always a few limitations. To make the most of your LISCO TV service we would like to advise you of a few things.

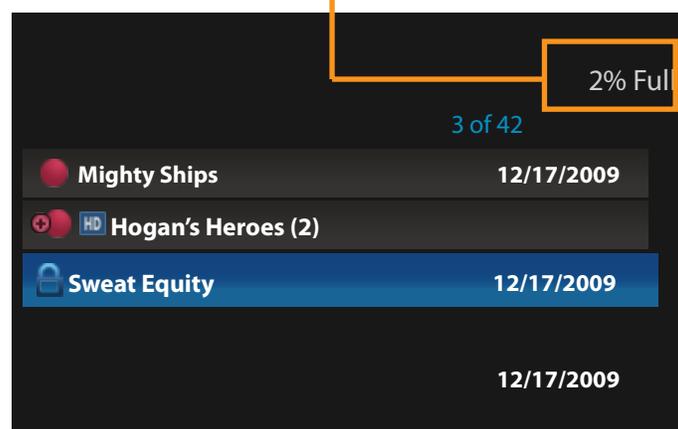
- Your DVR was set up to record 3 streams, but be aware if you are recording two or more programs at once and you activate a new Reminder or Autotune, then you will experience a delay in the interface as the STB writes your new Channel Action to the Hard Drive. Your Video will not be effected in any way as this happens.

- As your DVR Hard Disk fills up to 100% of its storage space, any show or movie you've recorded that is not Locked by you in the DVR Menu will be overwritten to make space for the new shows you're recording.

- Your DVR is buffering your TV for 30 seconds at all times. This means the playback is slightly behind actual Live TV. You might notice if you have two TV's in close proximity to each other that the audio and video is slightly delayed between them.

- You can record roughly 100 hours of standard definition TV and about 50 hours of High Definition TV. As your Hard Disk fills up and approaches full capacity, it will start recording over previously recorded programs that have not been locked to make room for new ones.

An important thing to note when ever you enter the DVR menu is to look at how full your Hard Disk is.



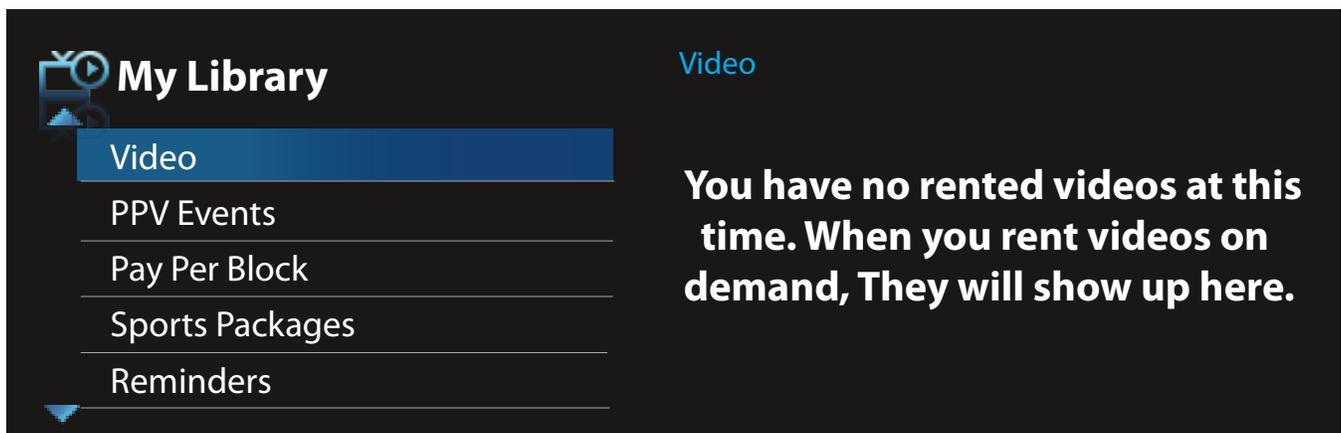
How to use the library function



- The My Library menu can be accessed by pressing the **MENU** button on your remote and pressing **OK** when you have selected **My Library**

This Menu is fairly simple and will let you browse through your rented PPV movies, Reminders and Messages from LISCO regarding your TV Service.

It is important to note PPV and VOD Movie rental is Coming Soon. Please contact us if you are interested in the expected launch date for those services.

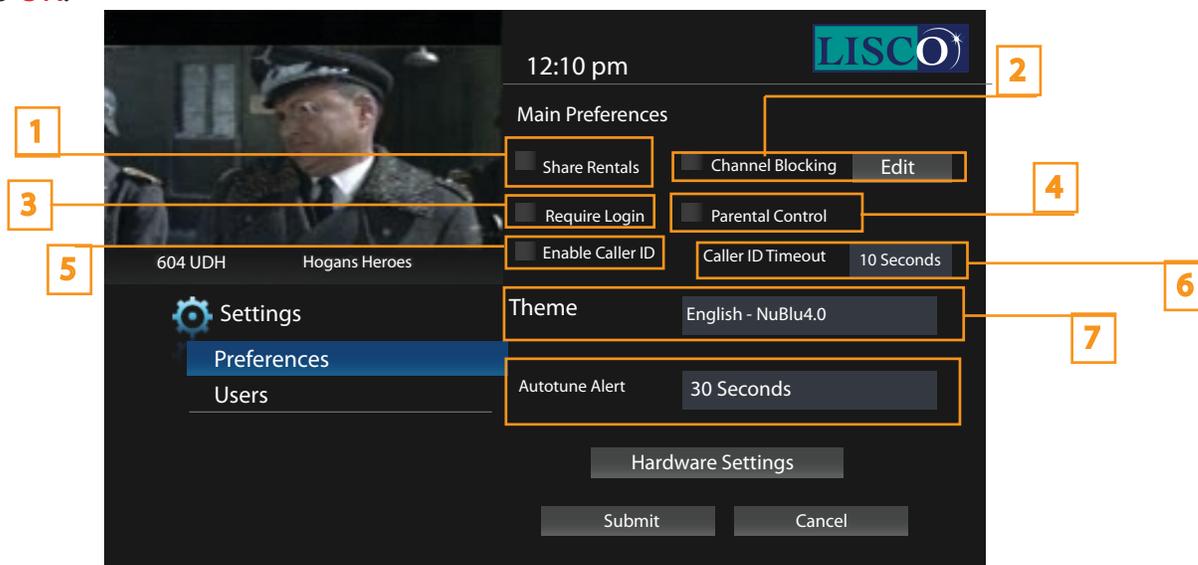


Settings - changing the main preferences



The Settings Menu will allow you edit various settings of your service and also create additional user accounts on your Set Top Box for family members.

- You can access your Settings menu by pressing the **MENU** button on your remote control select **Settings** and when prompted for a password. Key in the number **0** and press **OK**.



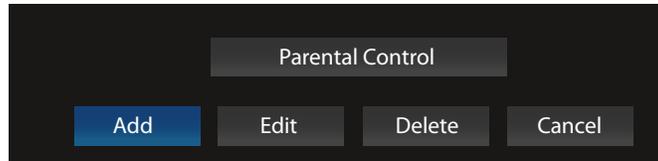
The **Preferences** Menu (highlighted in blue) will let you enable or disable these features:

1. **Share Rentals**: Lets you share your VOD rented movies with other TV's in your home.
2. **Channel Blocking**: Allows you to block specific channels on your LISCO TV. You can edit the blocked channel list by selecting **Edit** and pressing **OK**
3. **Require Login**: will enforce you to enter in your username and password when LISCO TV starts up. This feature is best used to prevent children from watching or when you have several family members who want their own settings and profiles.
4. **Parental Control**: Enables the Parental Control settings on your LISCO TV. Turning this feature on will give you an additional **Control** menu in your normal Menu options.
5. **Enable Caller ID**: Turns on/off caller ID if you have enabled this service with LISCO.
6. **Caller ID Timeout**: Will let you define how long you want the Caller ID window to display for on your TV. The default time is set to 5 seconds.
7. **Theme**: Will let you change the User Interface from either Default or Swirl.
8. **Autotune Alert**: lets you define how long you want the Auto-tune reminder message to stay on the screen for when it is active. The Default time is set to 30 seconds.
9. **Hardware Settings** - Selecting this button and pressing **OK** will take you to the hardware settings page. This is further discussed on page 27 of this manual

Settings - Creating Multiple User Accounts

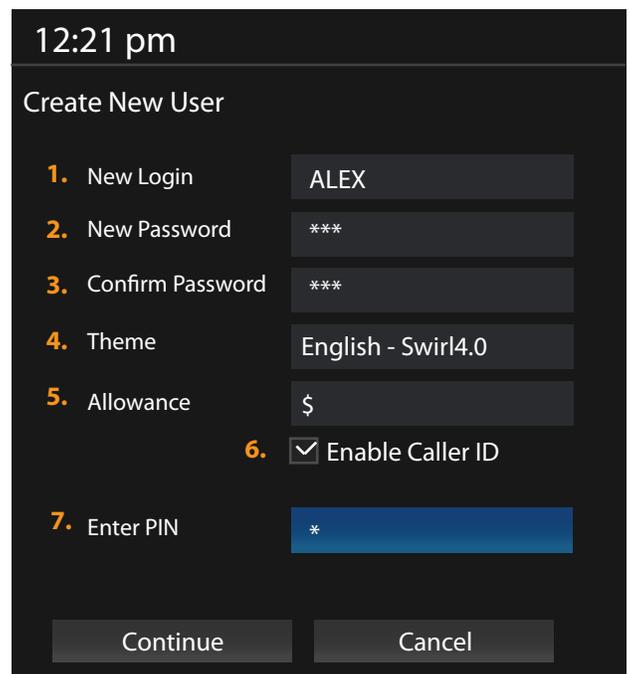
Creating multiple users allows you to separate favorite programs and channel restrictions between family members.

- You can get to the [Users](#) menu by going to your [Settings](#) Menu, see page 21.
- Now that you are in the [Settings](#) menu select [Users](#) and press **OK**. Now select [Add](#) and press **OK**.



You will now start the process of filling in the requested information for that new user. You can edit any field of the [Create New User](#) screen by selecting that field, and pressing **OK**.

1. [New Login](#): enter in the desired login name.
2. [New Password](#): enter in the password you would like for that account.
3. [Confirm Password](#): type the same password as you did previously.
4. [Theme](#): will select the theme you would like for that account: Default or Swirl.
5. [Allowance](#): this is for purchasing PPV and VOD movies and must be added by LISCO, when available.
6. [Enable Caller ID](#): enables or disables the Caller ID on the account, once ordered and set up by LISCO.
7. [Enter PIN](#): enter in your PIN. The default PIN is **0**

A screenshot of the "Create New User" screen. At the top, it shows the time "12:21 pm". Below the title "Create New User", there are seven numbered fields:

1. New Login: ALEX
2. New Password: ***
3. Confirm Password: ***
4. Theme: English - Swirl4.0
5. Allowance: \$
6. Enable Caller ID
7. Enter PIN: *

At the bottom, there are two buttons: "Continue" and "Cancel".

- Select [Submit](#) and press **OK** to save your settings and create the new user account.
- You will be automatically taken to the [Parental Control](#) screen so that you can adjust the parental control settings for this user. See page 23 for more information on choosing these settings.

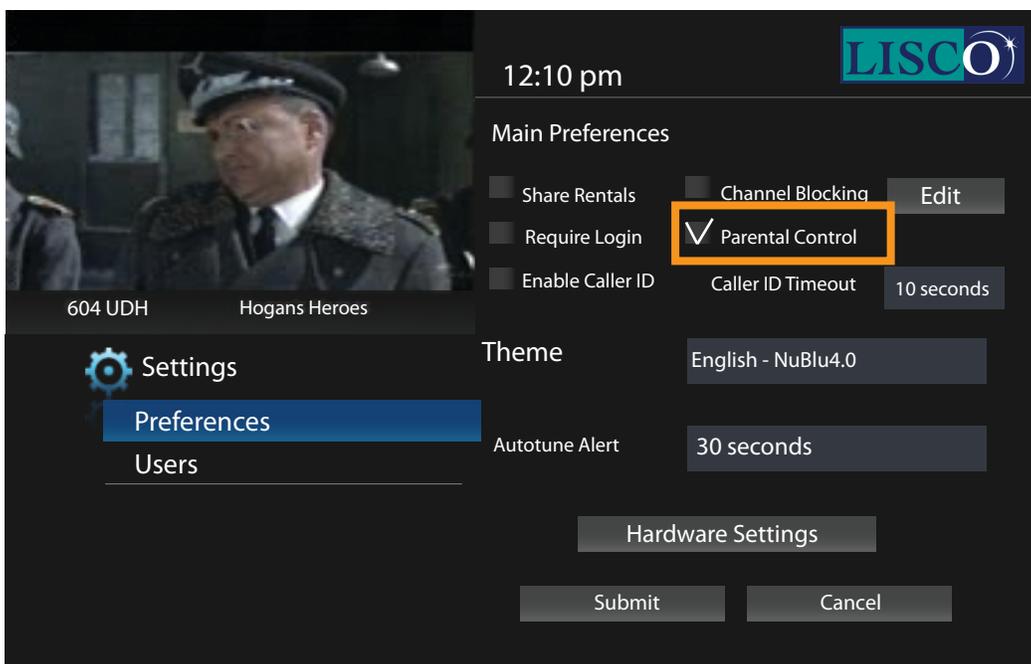
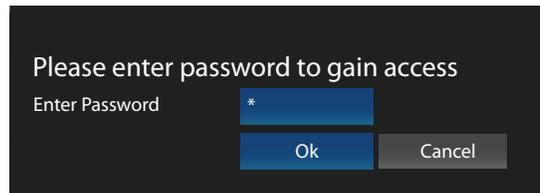
Parental Controls - Accessing

LISCO TV brings you parental controls you can count on. You are able to block out specific types of content and/or specific channels.

Our service also allows you to create a completely new account for children and other family members. This new account will only let them view content you define as appropriate for them. New accounts can be programmed by you so your children need specific authority to watch rated content. Using the ESRB rating system, you define the privileges they have to access content.

• To access the parental controls you will need to first navigate to the Settings menu. See page 21 if you do not already know how to access your Settings menu.

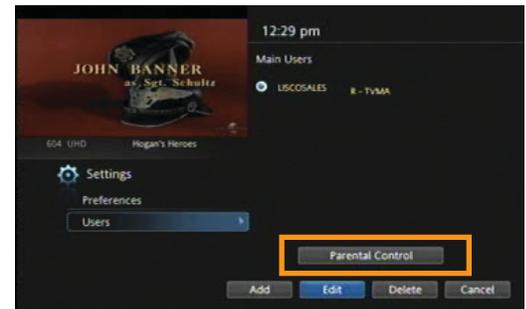
When enabling parental controls it is a wise idea to change the default password to your settings. You can do this by calling LISCO and we will change the default password to your LISCO TV account.



Parental controls - Editing

Now that you have enabled the Parental Controls. You will need to edit the settings and further define the Parental Control restrictions.

- Select **Submit** to save your settings change.
- Now select the **Users** menu in your settings screen.
- Select **Parental Control** and press **OK**.
- Press the **RIGHT** button to move the selection tool over to the Parental Control choices.
- Pressing **OK** next to any field will let you change that setting
- Select **Submit** and press **OK** when you have finished making any changes.



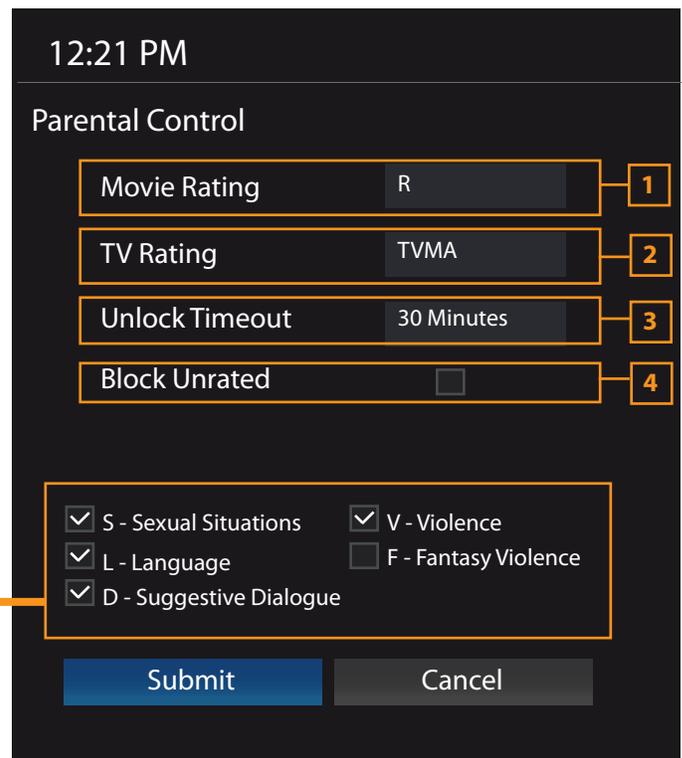
1. **Movie Rating:** This is the highest rating level you will allow the viewer to watch with controls enabled. In the pictured example, the user will only be able to view G rated movies.

2. **TV Rating:** This is the highest rated TV show you will allow the viewer to watch

3. **Unlock Timeout:** This is used for when you temporarily Unlock the Parental Controls. Enter in the time you would like to pass after Unlocking the controls before the Controls start again.

4. **Block Unrated:** You can mark this check box if you would like to block any movies or shows that may be unrated by the ESRB.

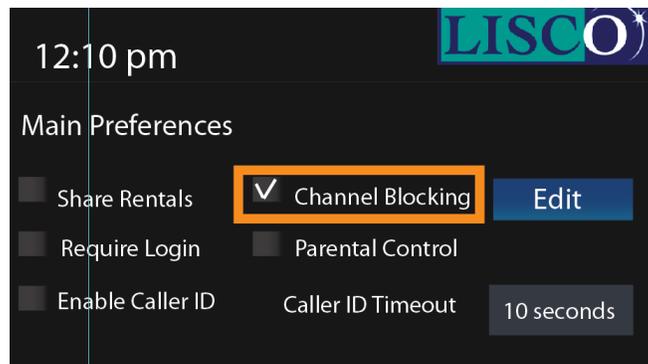
• You can check mark these boxes to advise of content you want to restrict from being viewed. To mark each box select it and press the **OK** button on your remote.



- When you are done changing any content restrictions, select **Submit** and press **OK**.

Parental controls - Blocking Channels

If you already know of a channel you would like to block from being viewed, or discover one, blocking it from being viewed is easy to do.



- Select the **Channel Blocking** check box and press **OK** to mark that setting.
- Now you will need to select the **Edit** menu button and press **OK**.
- There are no channels blocked by default. You will need to Edit what channels you want blocked. When you block a channel in the list, a lock icon will appear next to that channel letting you know that it is now blocked. You can block a channel by selecting the channel and pressing **OK**.

With Channel Blocking enabled any time the user tries to access the blocked channel he/she will get a message telling him/her that access is denied. Should you want to remove blocking any channels, you can do so by either: 

- a) removing the lock icon from the list blocked channels*
- b) removing the check mark in the **Channel Blocking** check box in your **Settings** menu.*

Parental Controls - turning parental controls on/off

Now that you have enabled the Parental Controls and defined the settings, you will have a Lock icon added to your normal menu bar selection. This Lock icon is called the **Control Menu**. The Lock will either be Locked or Unlocked letting you know the controls are on or off.

- If you want to turn Parental Controls off at any point, simply press the **MENU** button on your remote and choose the **Control** menu.
- You will be prompted for your password, the default password is 0. Press **0** and then press **OK**.



Your controls will be temporarily disabled until you either:

- a) turn them back on again by repeating the same process you did above to Unlock the controls.*
- b) The allotted time you defined in your **Parental Controls** menu expires.*

This functionality allows you to Unlock parental controls temporarily for any programs that you have deemed appropriate but may have been rated differently by the ESRB. For example:

If you have set your Lockout Timer to be 1 hour, then when you unlock the parental controls it will Lock itself automatically again after 1 hour. This is handy in case you leave home and forget to Lock the controls again before you leave.

Settings - changing hardware settings

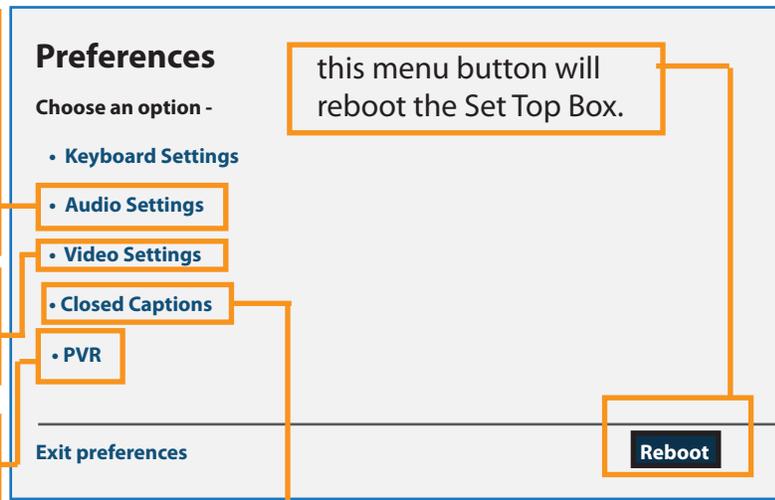
- Now that you are in the Settings Menu, select **Hardware Settings** and press **OK**.
- You will now be in the **Hardware Settings** screen. This screen will let you change your Audio, Video, Closed Captioning and PVR settings. You can also reboot the Set Top Box from this menu instead of needing to unplug it from the power source.

Audio Settings Menu: the main setting to adjust is the **HDMI - PCM** checkbox. Mark this checkbox if you are using an HDMI - High Definition A/V Cable with your LISCO TV.

Video Settings Menu: This Menu is discussed further on the next page of this manual.

PVR menu You can use this setting to completely erase your DVR Hard Disk.
**** WARNING ** This will completely delete everything from your Hard Disk without any possibility to retrieve recorded data. To erase the Hard Disk**

• Select **Reinitialize** and press **OK** to erase your Hard Disk.



Closed Captions Menu:

You can enable closed captions by marking the check box for **Closed Captions**.

• Select **Closed Captions** and press **OK** to enable or disable close captions.

• Mark the check box that correlates to what Closed Caption settings you are using. **STB** means the closed captioning is done by the Set Top Box and **TV** means you are using your Television set to regulate closed captions. Do not mark both check boxes at the same time.

- Be sure to select **Save Changes** and press **OK** to save any changes you have made to any of the settings. If you make a mistake on any of these settings, you may always come back to that menu and select **Reset** and press **OK**.

Hardware Settings - Video Settings

Video Settings: Will let you modify elements of your video output of LISCO TV to your Television set. You will most likely only be needing to make changes in this menu if you are using High Definition or Widescreen televisions.

The screenshot shows the 'Video Settings' menu with the following options and callouts:

- 1** Output Resolution: * Standard Definition (dropdown menu). A green box (1) shows the dropdown options: Standard Definition, 480p, 720p, 1081i.
- 2** Native Pass-Through Enabled *
- 3** TV aspect ratio: Standard 4:3 (letterbox) (dropdown menu). A green box (2) shows the dropdown options: Standard 4:3 (center cut-out), Standard 4:3 (letterbox), Widescreen 16:9, Widescreen 16:9 (stretch 4:3).
- 4** Video output format *: HDMI(SD)+ YbGr + SVIDEO + COMPOSITE (dropdown menu)
- 5** Use RF Output:
- 6** Frequency Table: Broadcast (dropdown menu)
- 7** RF Channel: 3 (text input)

Buttons: Save Changes, Reset, Back to Preferences Page. A red asterisk note indicates '* Required Reboot'.

1. Output Resolution: Keep this setting set as Standard Definition unless you have a High Definition TV. You can select this menu by pressing **UP** on your remote until you reach *Output Resolution*. Press **OK** and you will be allowed to change the setting. The settings choices are displayed in the **green box (1)**. If you have a High Definition TV and are unsure of the correct setting choice, contact LISCO for assistance.

2. Native Pass-Through Enable: Mark this check box if you seem to have distorted video on your TV set.

3. TV Aspect Ratio: Select from the choices shown in the **green box 2**. The correct choices depends on your television set. This setting should only need to be changed if you are using a HD or flatscreen television set.

4. Video output Format: This setting cannot be changed

5. Use RF Output: Mark this check-box if you are using an RF Coax output to your Television set.

6. Frequency Table: Select between broadcast or cable if you are having problems with your video display with your RF Coax to your Television set.

7. RF Channel: This channel cannot be changed and is set to 3.

- Make sure you select the **Save Change** button and press **OK** to save any changes you may have made to your Video Settings. Most changes made in the Video Settings screen will require you to Reboot the Set Top Box in order for them to take effect.

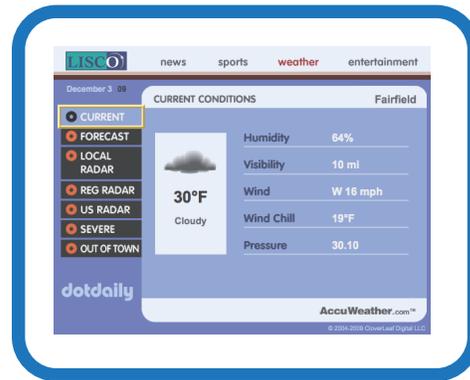
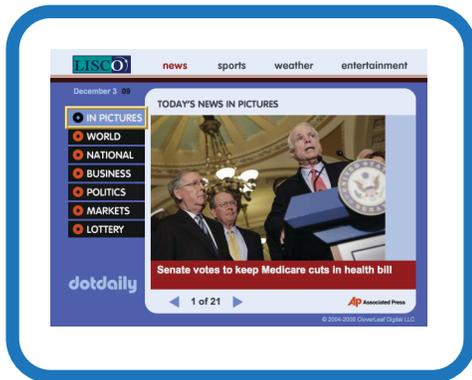
Interactive Services - Walled Garden & FunSpot Games

Walled Garden

The Walled Garden is your source for news, sports, weather, entertainment and games. You can access the Walled Garden by going to Channel 1 on your LISCO TV service. To exit the Walled Garden, simply change the channel or press **EXIT** on your remote.

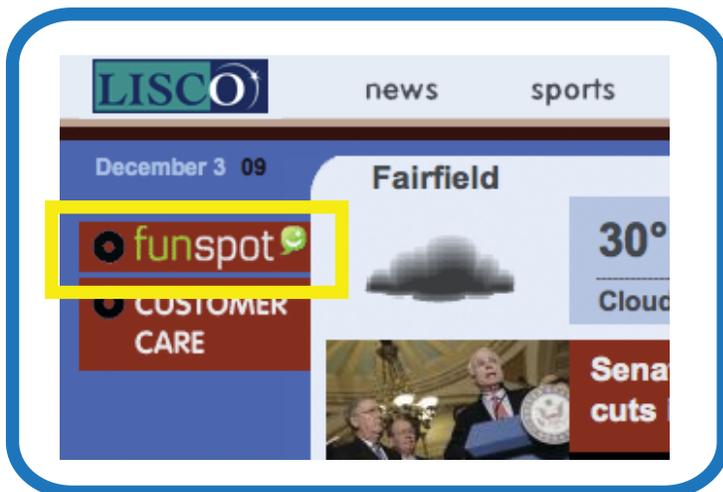
The Walled Garden also has the ability to host local community content. We will be working with local schools, restaurants and events centers to broadcast on your LISCO TV Walled Garden what's going on in our community.

If you're interested in using the walled garden to host local content please call our LISCO Sales Department at 1-800-209-5400 and press the option for sales.



FunSpot Games

You can access a list of single and two player games by tuning to channel 1 and pressing **OK** once you have selected **FunSpot**.



Setting up your Set Top Box

To start your LISCO TV service, connect your Amino set top box to your Television. See your Amino manual if you need any assistance with this. Once you are done setting up the audio and video connections, you can turn on the set top box by simply plugging it in to a working power outlet.

The first thing the Set Top Box will do when it starts up is download the software it will use.

The Set Top Box will not display anything on the screen while it downloads the software. As long as the Set Top Box is not blinking a blue light in a cycle, it will finish the process in roughly a half hour.

Please call LISCO if the Stop Top Box is blinking a blue light.

Once your Set Top Box has finished the code download, it will load LISCO TV.

Once completed loading, you will be asked to activate your LISCO TV service.

To continue with the activation, you will need to enter in the phone number that was used to sign up for your LISCO TV account. Enter in the following number exactly as shown.

Once you have entered in your phone number, Press the **OK** button on your remote. A new window will pop up asking you to confirm your registration by verifying your account information. Press the **OK** button again to finish the activation process.

welcome. Please enter the activation code supplied by your service provider.

Activation Code

Check Activation

Continue

If the information below is corect, select the [Continue] button.
If the information is incorrect contact your service provider.

Sales, LISCO
1680 Hwy 1
Fairfield, IA 52556
XXXXXXXXXX

Back

Continue