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1. Basic TV Controls

You can control all services from the remote control.

Change the channel



Using *Number* **buttons**, enter the channel number.

~ OR~



On the CH (*Channel*) buttons, press + or - to scroll up or down one channel at a time.

View Current Channel Information

See a description of the program you're watching as well as current channel information.





Press the red/INFO button.



In addition, every time you change the channel, a programming banner displays channel information and a program progress bar.



Set Favorites

When you set Favorite channels, you create a separate program guide just for the channels you watch the most - your Favorites!



Press the **Guide** button twice to see My Channels program guide.

Use \triangle and ∇ buttons to select a channel you want to add to your Favorites program guide.





Press the **red/INFO** button to see program information.



With 'Add Channel to Favorites' selected, press ok on the remote control.

After you set up Favorite channels, you can press the **Guide** button three times to see the **Favorites** program guide.

View the Channel Guide



Press the Guide button to see a Channel Guide.

Press once for **Offered Channels** (all channels available from your Service Provider).

Press twice for **My Channels** (channels you subscribe to currently). **Press three times** for **Favorites** (channels you've set as favorites). Refer to page 13, to set up Favorite channels.

The **Help Bar** (below the guide) provides a key to the remote control buttons that navigate through channels and program times.*

Buttons	Function
Arrows	Scroll through channels and times.
Pg Up/Down	Jump to previous/next channels.
Pg Back/Fwd	Jump to previous/next times.
Rewind/FastFwd	Jump to previous/next day.

* **Help Bar** appears only if activated. Refer to "Appearance" on page 15, for more information.

In the Help Bar, "mine" denotes the **Favorites** guide.



Press Exit to clear the channel guide.

Or, if you don't exit, the Guide window will time out after a few minutes of inactivity.



Channel Guide shows programming and a description of the selected program.

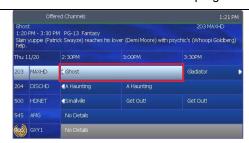
Autotune

You can set your TV to tune to a later program automatically. Use your remote control to set it up.

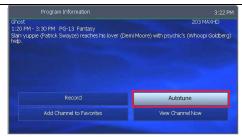


Press the **Guide** button to see the Channel Guide.

Press \triangleright as many times as needed to see later programming.



Using arrow buttons, navigate to the program you want your TV to tune to later. Press $o\kappa$.



Press ▷ to select **Autotune**. Press **o**K.



In the Channel Guide, a clock icon indicates that the program is selected for Autotune.



To cancel an Autotune selection, navigate to the program, press οκ, select Cancel Autotune, and press οκ again.

Search for programs

Search for specific programming in the Channel Guide.



Press MENU to access the Main Menu.

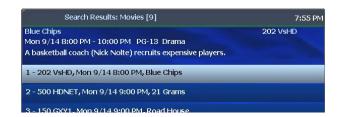


Press ∇ to select Search, and then press ok.



Quick Search

To search for a category of programming—such as movies, sports, series, or kids' programs—press ∇ to make your selection, and then press ok.



View the **Search Results** of upcoming programs for the category you selected.

Use arrow buttons to select an individual program and see its description at the top of the window.



Advanced Search

To search for specific programming using search filters—such as program title, channel, or day—press ∇ to make your selection, and then press ok.



Press arrow buttons to select one or more categories: **Genre**, **Day**, **From** (start time), **To** (end time), **Channel**, **Title**.

Press ok to scroll through options in the fields on this screen.



If you search by **Title**, you'll spell the program name in the pop-up keyboard. (Partial spelling is okay.)

Use arrow buttons to select the letters and press $o\kappa$ after each. When you're done, select the check mark and press $o\kappa$.

In the Search Channel Guide window, select **Search** and press **OK**.



Advanced Search

To search for specific programming using search filters—such as program title, channel, or day—press ∇ to make your selection, and then press ok.



Press arrow buttons to select one or more categories: Genre, Day, From (start time), To (end time), Channel, Title.

Press ok to scroll through options in the fields on this screen.



If you search by **Title**, you'll spell the program name in the pop-up keyboard. (Partial spelling is okay.)

Use arrow buttons to select the letters and press ok after each. When you're done, select the check mark and press ok.

In the Search Channel Guide window, select **Search** and press **o**K.



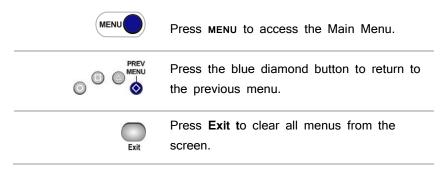
View Search Results.

Press arrow buttons to select a program from the list and see its description at the top of the window.

Access menus

The Main Menu is the gateway to most features.

On the remote control, press arrow buttons ($\triangle \nabla$) to make your menu selection, and then press **OK**.



Get help

Help provides instructions on your TV screen for using the remote control and features.



Starting at the Main Menu, select **Settings** [+ok] and then **Help** [+ok], or press the **Help** button.



Press ∇ or \triangle to select a topic. Press ok.

Log out

Normally you'll remain logged in to the set-top box, and simply turn off your TV when you're not watching. However, to log in as a different user, you must first log out.



Press **MENU** to access the Main Menu.



Press ∇ to select **Logout**. Press ox. The screen will go blank as the set-top box goes into *Standby* mode.

~ OR ~

Press **Power**.



2. Optional Menu Features

Along with standard features, the **Main Menu** lists optional features you can purchase from your service provider.



Sample Main Menu (your menu may look different)

Press **MENU** to access the Main Menu.

Press ∇ to select the feature you want, and then press ok.

Features described below are:

Weather Alerts

Weather

Select **Weather** from the Main Menu to display a 6-day forecast for available locations.



Press ⊳ to view alternate locations.

Alerts

Alerts let you activate or deactivate on-screen notification for Telephony (Caller ID), if you are a subscriber.



Press ∇ to select a service. Press ok to deactivate/activate the service.

A check mark indicates service is activated.

Select \mathbf{OK} and press \mathbf{oK} .

3. "My Services" Options

My Services are optional services you can purchase from your service provider.



Sample Main Menu (your menu may look different)

Find available service options on the Main Menu or by selecting **My**Services.

Some services are described below: Telephony

Telephony

The **Telephony** feature displays a Caller ID pop-up alert at the top of your TV screen when you have an incoming phone call. The alert shows phone numbers for the receiver and caller.



When the call alert appears, simply wait for it to time out, or press ok on the remote control to close the alert.

To activate Caller ID, refer to "Alerts" on page 10.

4. Set Preferences

Preferences are customized settings you can make for your system to control:

- Favorite channels
- Menu language
- Channel settings
- Appearance of menus and windows
- Set-top box setup

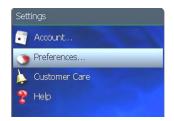


Sample Main Menu (your menu may look different)

Press MENU to access the Main Menu.

Press ∇ to select **Settings**, and then press ok.

The Settings menu displays.



To go to Preferences, select Settings in the Main Menu

Press ∇ to select **Preferences**, and then press \mathbf{OK} .

In the Preferences menu, select from the options and press ok:

- Favorite Channels—Make it easy to see the channels you watch most (see page 13)
- Menu Language—Change the language in on-screen menus and windows (see page 14)
- Channel Settings—Select an alternate language for broadcasts (see page 14)
- Appearance—Select a different color or design for menus and windows (see page 15)
- Set-top box Setup Change advanced set-top box settings (see page 13)

Set-top box Setup

Set-top box Setup controls advanced settings for your set-top box.



Select Menu > Settings > Preferences > Set-top box Setup.

Use the arrows to select the settings you want:

- Digital Audio Output—Off or on
- Component Output—SD (standard definition) or HD (high definition)
- Output Aspect Ratio—AUTO (automatic), 4/3, or 16/9 With your selections made, arrow to Apply and press ok.
- HDMI Cables Choosing Aspect Ratio of 16/9 will fill entire screen side to side if available.

Favorite Channels

The channels you set up as Favorites will appear in a separate program guide. This way, you can avoid scrolling through dozens of channels to find the ones you watch most.



Select Menu > Settings > Preferences > Favorite Channels.

Click a channel in the left column to add it to your Favorites list.

Click a channel in the right column to remove it from your Favorites.

Add as many Favorite channels as you like—there is no limit.

Menu Language

Menu Language controls the language for on-screen menus and windows.



Select Menu > Settings > Preferences > Menu Language.

Press ∇ to select the language you want, and press ok.

Channel Settings

Channel Settings control broadcast language and audio format.



Select Menu > Settings > Preferences > Channel Settings.

Press ∇ to select the setting you want to change, and press **o** κ :

- Language—Select a different language for broadcasts, when available
- Audio—Change the audio format options

Appearance

Appearance controls the on-screen format for menus and windows.



•

oinfo ohelpomine oback ohide ooup/down ooleft/right oodays



Select Menu > Settings > Preferences > Appearance.

Press arrow buttons to move through Appearance options. Press **ok** to make a selection.

Transparency

- Transparent—Current program shows through on-screen windows.
- *Opaque*–On-screen windows are opaque.

Color Schemes View samples on next page.

Font Size Type size in onscreen windows.

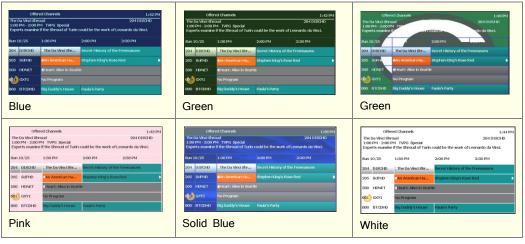
Font Weight Bold or plain.

Font Shadow On or off.

Help Bar (at left) When "on," keys to shortcut buttons appear below Channel Guide and menus

Thumbnail Video When "on," a small video image of your current program shows while you view the Channel Guide.

With your selections made, arrow to **Apply** and press $o\kappa$.



5. Video on Demand (VOD)

Video on Demand (VOD) lets you rent movies for immediate viewing.

Rent a Video on Demand movie

Quick search by category



In the Main Menu, select Video on Demand.

Press ∇ or \triangle to select a movie category. Press **oK**.

Press ∇ or \triangle to scroll through the Search Results.

Select a movie and press ok.



Press ▷ or ◁ to select Rent (order movie), Plot (read movie plot), or Trailer (view movie trailer, when available).

Press ox and follow the onscreen instructions.

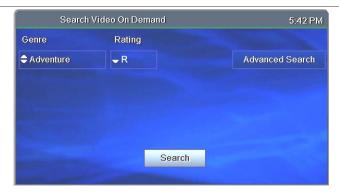
When PIN Protection is activated, the system will ask for your PIN. Refer to page 28 to learn about PINs.

Search by expanded category list

Use this method to narrow your search by category and/or rating.



With Search selected, press ox.



Press arrow buttons to select **Genre** and **Rating** categories.

Press ox to scroll through category options. Select **Search** and press

OK.

Select options in

Select options in as few or as many categories as you wish.



Press

to scroll
through Search Results.

Select a movie and
press oκ.

Follow instructions on
page 16 to rent the
movie.

Advanced Search

Advanced Search is useful to find movies that meet specific criteria. You can search by **title**, **director**, or **actor**.



Press ▷ to select Advanced Search and press oκ.



Press the arrow keys to select the ABC box at the category you want to search: Title, Director, or Actor. Press ok.



In the pop-up keyboard, select and press ox for each letter to spell the movie title, director last name, or actor last name (partial spelling is okay).

When you're done, select the check mark symbol and press οκ.

Search

Select **Search** and press ox.

Press $\, \triangledown \,$ to scroll through Search Results.

Select a movie and press ox.

Follow instructions on page 16 to rent the movie.

Navigate in a Video on Demand movie

When you navigate with the remote control in a VOD movie, the ${\bf Progress\ Bar}$ (below) appears.

Button	Function	Progress Bar Indication
Play (►)	Start or resume the movie.	Shows current place in the movie by section and minute (mm:ss).
Stop (■)	Returns to live TV.	
Pause (II)	Pause the movie. Press ► to resume.	Shows the section and time (mm:ss) where paused.
Rewind / Fast Fwd (◀ / ഁ)	Rewind / fast-forward the movie. Press repeatedly to increase speed.	Indicates Rewind or Fast Forward mode and rate; 2x = twice as fast as Play speed, 4x = four times as fast, and so on.
Number keys (0–9) <i>OR</i> arrow keys (⟨□⟩)	Skip among the ten movie sections. Number keys: Press the number of sections to skip over; for example, press 6 to start at section 7 of the movie. (0 takes you to the beginning.) Arrow keys: Press right or left arrow key (< >) to skip forward or back among movie sections; press ok.	Shows the selected movie section and minutes transpired in the movie (mm:ss).
Menu MENU	View Progress Bar.	
Exit	Hide Progress Bar.	
Back	Exit the VOD movie and return to regular programming. To return to the VOD movie, press Menu and select the movie as you did when you rented it. Movies are available for viewing during the 24 hours after purchase.	



6. Paid Programming (PPV, PPB)

Pay per View and Pay per Block services give you access to special broadcasting.

Pay per View

Pay to view specific paid programming broadcasts.



Access the Channel Guide.



In the Pay per View channel listing, select the program you wish to view. Press ok.



Use the number keys to enter your PIN and then select **Buy**. Press ok.

You will be able to view the selected broadcast on this channel at its scheduled time.

To set up a PIN, refer to "Activate PIN Protection" on page 28.

Pay per Block

Purchase blocks of viewing time on specified channels [where available].



Press **Guide** to access the Channel Guide.



Select a Pay per Block channel. Press ok.



Use the number keys to enter your PIN and then select **Buy**.

Press ok.

To set up a PIN, refer to "Activate PIN Protection" on page 28.

7. Recorded Programs

The **Recorded Programs** feature lets you record programming for repeated viewing or viewing at a later time. Use **My DVR** to view the programming you record.

Record a program or series



Press the **Guide** button twice or three times to see your programs or Favorites.

Use the arrow buttons to select the program you wish to record, and then press ox to see program information.

From the Program Information window, you can set the program to be recorded—just one time, or several times if it's a series. In this section:

Record a Program Once Record a Series Set a Manual Recording

Record a Program Once

After you select a program in the channel guide, you can easily set it to record.



To record the selected program only, select **Record** and press ok.

To record a program you're already watching, press the **Record** button on the remote control.



After you set the recording ...

In the Channel Guide, a Record icon indicates that the program is set to record.

Record a Series

If you selected a series, you can record several episodes.



Press ▷ to select **Record** series and then press ok.

The Settings screen displays.



Once you schedule a program to Record, you can watch real-time TV-or even schedule another program to Record-without interrupting the recording process.

To set DVR defaults, select Guide> My DVR > Default DVR Settings (see page 26).

Use the arrow buttons (\triangleleft \triangleright \triangle \triangledown) to select up or down arrows, then press ox to select the options you want for recording the series:

Start offset-Number of minutes to start recording before the program is scheduled to start

End offset-Number of minutes to continue recording after program is scheduled to end

Keep at least-Number of episodes to store

Record episodes—Record only new episodes, or new episodes and reruns

Select **Record series** and press ok.

Press **Exit** to return to regular viewing mode.



After you set the recording ...

In the Channel Guide, a Record icon indicates that the series is set to record.

Set a Manual Recording

Manual recordings let you specify a specific time, channel, and/or date to record without using the channel guide. For example, you could record one channel for an entire evening.



In the Main Menu, select My DVR > Set Manual Recording.



Use the arrow buttons (\lhd $\triangleright \triangle \nabla$) to select up or down arrows at each field, then press ox to scroll to the setting you want:

Channel

From/To-Start/end times
Repeat-How often to record
at these settings, such as Just
Once, Weekdays only, Daily,
Weekends only, or a day of
the week

Period start—Date to start recording



If you want to name this settings group, click the **Name** tab.

In the pop-up keyboard, press arrow buttons to select letters. Press ok after each letter to spell the name, and then select the check mark or **OK**.

If you don't select a name, the system will assign one. You will see it when you check recording schedules at My DVR > Scheduled.



On the Set Manual Recording window, select Set and then press ox. Click ox in the confirmation window.

To view a list of programs you've scheduled, select My DVR > Scheduled.

View a recorded program



In the Main Menu, select **My DVR**, then press ok.



In the My DVR menu, press ∇ to scroll down to the item you want, then press oκ. These menu options let you view recorded programming:

Recorded-All programs recorded

Scheduled-All programs scheduled to be recorded

Series Folders-Series episodes recorded

Manual Recordings-Manual recordings

All...-All recordings for the user logged in

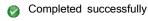
All users' recordings—All recordings made or scheduled by all users on this set-top box

For information about different types of recording, see "Record a program or series" starting on page 21.



In the list that appears, press ∇ to select a program and press ok. Information at the top of the window describes the selected program.

Symbols show the status of each listing:

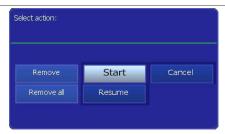




In progress

Scheduled





Select **Start** to start the program at the beginning, or select **Resume** to continue watching a previous program from the point where you stopped. Press ok.

To navigate in the recorded program, use VOD control buttons (Play, Stop, Pause, Rewind, Fast Fwd) on page *18*.

Remove or stop recordings



In the Main Menu, select My DVR > Recorded, select to view recordings listed by date or by title, and press ok.

From the list of programs, select the program to remove, then press ok.



To remove the selected program or stop recording a series, select one of these options and press ok:

Remove—Erase the selected program from the Recorded list

Remove all-Erase all programs in the Recorded list

Interrupt series—Keep the series already recorded, but stop recording future episodes

The window includes other controls for the selected program::

Start-Play the recording

Resume—Continue to play the program if it has already been started

Settings—Change recording preferences for the program (for more information about recording preferences, see "Select Default DVR Settings" below.)

Manage My DVR

Managing your recordings will optimize My DVR performance when you record programs for later viewing. This section describes how to set these controls:

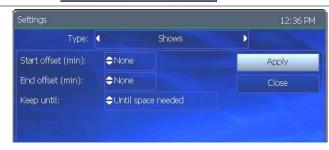
- Default DVR Settings
- Recording Priorities

Select Default DVR Settings

Use this option to pre-set your recording preferences for different types of programs such as series, movies, and sports.



In the Main Menu, select My DVR > Default DVR Settings.



Use the arrow buttons (\triangleright \triangleright) to select up or down arrows at each field, then press ok to scroll to the setting you want (settings vary depending on the Type):

Type—Type of recording, such as Series Recordings, Single series episodes, Movies, Shows, Sports, Manual Recordings

Start offset—Number of minutes to start recording before the program is scheduled to start

End offset—Number of minutes to continue recording after program is scheduled to end

Keep until—How long to store recorded programs

Keep at least-Number of episodes to store

Record episodes—Record only new episodes, or new episodes and reruns

Select **Apply** and press ok.

Select Recording Priorities

Use this option to choose which program to record if more than one is scheduled during the same period. (unit records only one program at a time.) This is useful if you have scheduled a series, which records repeatedly and may conflict with other programs you schedule.



In the Main Menu, select My DVR > Priorities.



Programs scheduled for recording display in a list. The higher the program in the list, the higher its priority:

To move a program higher or lower, follow these steps :

To move higher—Select the program, then press ok
To move lower—Select the program, then press the Info/red button

8. Account Services

Account setup may include some or all of these procedures, depending on the services you've ordered:

Access the Account menu
Change password
Activate PIN Protection
Create a user
Set parental controls (Locks)
Set Autologin
View subscriber details
View billing activity

Access the Account menu

To set up or change your services, first access the Account menu:



Change Manager User's password

These instructions will change the *Manager User's* password.



Access the Account menu (page 28) and select Change Password.

Complete the fields:

Old - Use number buttons to enter old password.

New - Use number buttons to enter new password.

Confirm - Enter the password numbers again.

Press ∇ to select **OK**. Press **OK**.

Activate PIN Protection

Unit features two types of optional personal identification numbers (PINs): **Purchase PIN** allows secure purchase of subscriptions or services, and **Rating PIN** allows parental controls.

Set Purchase PIN

When activated, a Purchase PIN is required to purchase subscriptions and Video on Demand, Pay per View, and Pay per Block services.



Access the **Account** menu (page 27) and select **Purchase PIN**.

Complete the fields:

New PIN - Use number buttons to enter 4-digit PIN.

Confirm new PIN - Enter the PIN again.

Password - Enter your 4-digit numeric password.

Enable PIN Protection - Press ok to select Yes or No. (Will appear only if PIN Protection is activated.)

Click Apply and press ok.

Set Rating PIN

A Rating PIN allows a user to view programming with a higher rating than the rating specified when the user was created. The *manager user* may set Rating PINs.



Access the **Account** menu (page 27) and select **Rating PIN**.

Complete the fields:

New PIN - Use number buttons to enter the 4-digit PIN.

Confirm new PIN - Enter PIN again.

Password - Enter your 4-digit numeric password.

Enable PIN Protection - Press Oκ to select Yes or No. (Will appear only if PIN protection is activated.)
If No, then this user cannot view programming with a higher rating under any circumstances.

PIN Protected Rating - Press **o**K to select the highest rating user can view without a Rating PIN.

Select Apply and press ox.

Example:

John is a 13-year-old user specified with a **TV-14** rating. His parents also assigned John a PIN-protected rating of **R**.

The following rules apply to John:

PIN- Protection enabled (option 'Yes')	 ✓ May view programming as high as TV-14 without PIN ✓ May view R with PIN ✓ May not ever view higher than R
PIN- Protection disabled (option 'No')	✓ May view as high as TV-14 only

Set parental controls (Locks)

The manager user can control user viewing in several ways:

Lock user out of TV for a set time (see below)

Lock user out of a program / channel (page 31)

Lock user out of TV indefinitely (page 31)

For all Lock settings, access the Account menu (page 27) and select Manage Users.



For all Lock settings, begin by selecting Manage Users, and then select the user you wish to control. Press ok.



Select **Locks** and press ok. Continue with the instructions below for the action you want (lock user out of program, out of channel, or out of TV).

Lock user out of TV for a set time



Choose the lockout period: Complete the From, Duration, and Daily fields by pressing ok to scroll through options.

With the fields set, select **Lock** and press ok.

Lock user out of a program/channel



Select the user account as described above.

Select **Channel Locks** and press ok.

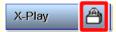


Select the program to lock, or any program in the channel to lock, and press ok.



Select Lock Program or Lock Channel, and press ok.

To unlock, repeat these steps, except select **Unlock**.



The channel guide will show a padlock symbol to identify the program or channel as locked.

Lock user out of TV indefinitely



Select the user account as described on page 27.

Select **Lock Now** and press **ok**.

This user will be blocked from logging in.

To unlock the user, repeat these steps, except select **Unlock Now**.

Set Autologin

When you set Autologin, the login procedure becomes disabled and no password is required.

Note: Autologin is the default setting.



Access the **Account** menu (page 27) and select **Autologin**.

Press ∇ to select **Set Autologin User**.

Press ok.

Use the same steps to turn off Autologin.

Other users will be able to access your account when Autologin is enabled.

View subscriber details

View subscriber settings for the user who is currently logged on.

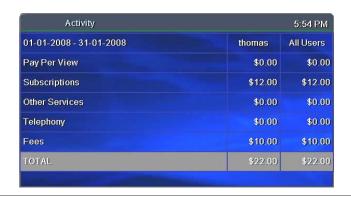


Access the **Account** menu (page 27) and select **Details**.

To change settings, please contact Customer Service.

View billing activity

View current billing activity for a specific user or for all of the users in an account.



Access the **Account** menu (page 27) and select **Activity**.

If you have questions about your bill, please contact Customer Service.