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CHELAN COUNTY

Digital TV and DVR
INSTRUCTION MANUAL

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PASSPORT echo™

Version 2.5

Getting Started Guide

This guide describes how to use Passport Echo™ to control the playback of TV shows, save TV shows, watch pre-saved shows, and manage a library of saved shows.

Aptiv DIGITAL

Passport Echo™ 2. 5 Getting Started Guide

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Watching Live TV

With Passport Echo™, TV shows can not only be watched, but they can also be controlled using your remote control.

What you can do	*How to do it*
Pause a show	Press ⏸ *(pause)*.
Resume playback from pause	Press ▶ or ⏸.
Rewind a show	Press ◀◀ once (slow speed). Press ◀◀ twice (medium speed). Press ◀◀ three times (rapid speed).
***Quick Skip (reverse)**	Press ◀◀, then press ⏮.
Fast forward a show	Press ▶▶ once (slow speed). Press ▶▶ twice (medium speed). Press ▶▶ three times (rapid speed).
***Quick Skip (forward)**	Press ▶▶, then press ⏭.
Advance one frame	Press ⏸ *(pause)*, then press ⏭.
Watch video in slow motion	Press ▶ twice quickly (within 1/2 second).
Resume playback from rewind, fast forward, or slow motion	Press ▶.
See a 10 second instant replay	Press ↺.
Return to "live" TV	Press LIVE.

* Quick Skip allows you to quickly skip forward or backwards to the nearest 15 minute marker displayed in the on-screen time bar.

Finding TV Shows

Finding TV shows is easy with the Program Guide. You can browse for shows sorted by Time or Theme, or you can search for shows by entering a Title or a Keyword.

Browse the channel line-up

Press GUIDE *while watching a TV show to access the Program Guide.*

What you can do	How to do it
Browse for shows by Time/Channel	On entry, the channel line-up is sorted by time/channel. Press ◀ or ▶ to browse the line-up by time, and ▲ or ▼ to browse the line-up by channel. Highlight a show and press SELECT to view options or ● to record.
Browse for shows by Theme	While the Program Guide is displayed, press B to sort shows by theme. Press ▲ or ▼ to highlight a desired theme, and then press SELECT to browse a list of related shows. Highlight a show and press SELECT to view options or ● to record. **Note**: If you press SELECT on a current show (for example, channel 11), and it is not the show you are currently viewing, the channel will tune to channel 11.

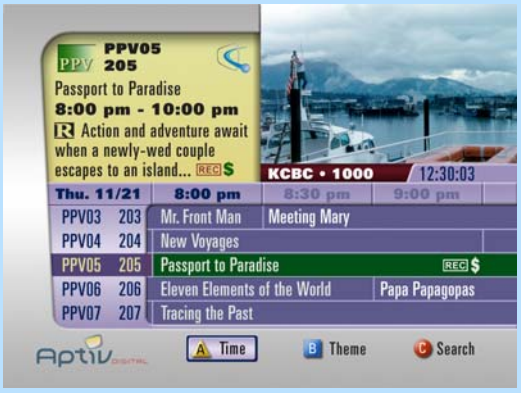
Search for shows by Title or Keyword

Go to the Program Guide by pressing GUIDE *and then press* C *to access Search; highlight and select 'Titles' to search for titles, or 'Keywords' to search for keywords.*

What you can do	How to do it
Search for shows by Title	Enter a title using the on-screen keyboard; use the arrow keys to highlight each letter and press SELECT. (As letters are entered, the guide data is scanned for letters that may be entered next.) Move the highlight to the Search Results List by pressing ▶, and then scroll up or down to highlight a show or Series Header (shows belonging to series' are grouped under Series Headers). Highlight a Series Header and press SELECT to view individual episodes, or ● to create a Series Recording. Highlight an individual show and press SELECT to view options or ● to record.
Search for shows by Keyword	Enter a keyword (i.e., actor, director, or subject) using the on-screen keyboard; use the arrow keys to highlight each letter and press SELECT to enter. (As letters are entered, the guide data is scanned for letters that may be entered next). Move the highlight to the Search Results List by pressing ▶, and then scroll up or down to highlight a show or Keyword Header *(related shows are grouped under Keyword Headers).* Highlight a Keyword Header and press SELECT to view related shows, or ● to create a Keyword Series Recording *(future guide data will be continuously searched for matching shows to record).* Highlight an individual show and press SELECT to view options or ● to record. **Note**: If you press SELECT on a current show (for example, channel 11), and it is not the show you are currently viewing, the channel will tune to channel 11.

Saving TV Shows

Shows can be saved using the Program Guide, by setting up a manual recording, or by pressing the RECORD key while watching a TV show.



Scheduling Recordings while viewing the Program Guide

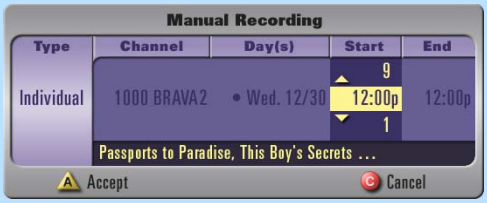
Go to the Program Guide by pressing GUIDE.

What you can do	How to do it
Schedule a single instance recording	Highlight a show and press ●, then select "Record this show" from the dialog box.
Schedule a Series Recording	Highlight a show and press ●, and then select "Record entire series" from the dialog box; customize your Series Recording settings by using the recording options provided, and then press A.

Saving the show you are watching

Press ● while watching a TV show to access the Recording dialog box.

What you can do	How to do it
Record the current TV show	Select "Record this show" from the dialog box.



Creating a manual recording

While watching TV, go to the Manual Record dialog box by pressing ●, and then select "Create a manual recording..." from the dialog box; or while viewing the Saved Shows or Scheduled Recording Displays, press ●.

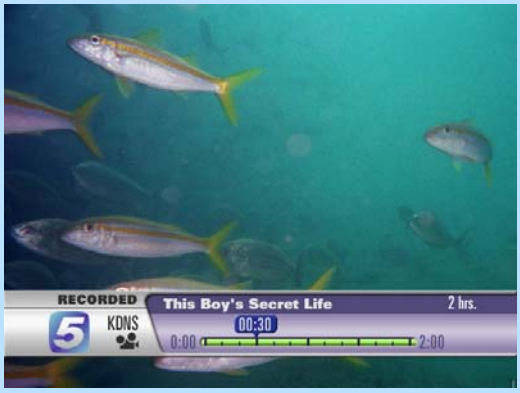
What you can do	How to do it
Schedule a single or recurring recording	Highlight each column and enter your recording settings, and then press A.

Viewing Saved Shows

Shows that have been saved can be accessed at any time from the Saved Shows Display.

To view a saved show, access the Saved Shows Display by pressing LIST.

What you can do	*How to do it*
Find a saved show	Press ▲ or ▼ to highlight a show.
Play the highlighted show	Press ▶, or press SELECT, then select "Play," "Play from Beginning," or "Resume Playback" from the dialog box.

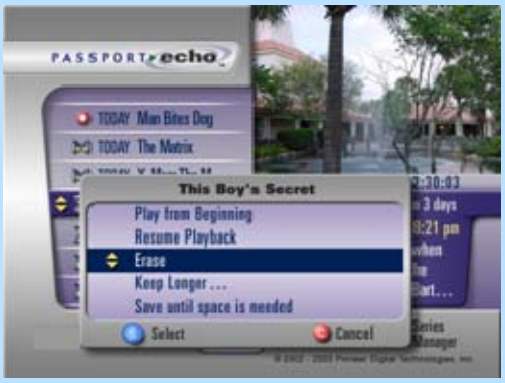


What you can do	*How to do it*
Pause a show	Press ⏸ *(pause)*.
Resume playback from pause	Press ▶ or ⏸ *(pause again)*.
Rewind	Press ◀◀ once (slow speed). Press ◀◀ twice (medium speed). Press ◀◀ three times (rapid speed).
***Quick Skip (reverse)**	Press ◀◀, then press ⏮.
Fast forward a show	Press ▶▶ once (slow speed). Press ▶▶ twice (medium speed). Press ▶▶ three times (rapid speed).
*** Quick Skip (forward)**	Press ▶▶, then press ⏭.
Advance one frame	Press ⏸ *(pause)*, then press ⏭.
Watch video in slow motion	Press ▶ twice quickly (within 1/2 second).
Resume playback from rewind or fast forward	Press ▶.
See a 10 second instant replay	Press ↺.
Return to "live" TV	Press LIVE, or Press ■ *(stop)*, then press A (Stop and erase) or B (Stop and save) from the dialog box.
Erase a show	Press ■ *(stop)*, then press A (Stop and erase) from the dialog box.

* Quick Skip allows you to quickly skip forward or backwards to the nearest 15 minute marker displayed in the on-screen time bar.

Managing Saved Shows

Saved shows can be automatically erased as space is needed for new recordings, or they can be saved until you erase them manually. Use the Saved Shows Display to manage your library of saved shows.



Go to the Saved Shows Display by pressing LIST.

What you can do	How to do it
Find a saved show	Press ▲ or ▼ to highlight a show.
Erase a show	Highlight a show and press SELECT; select "Erase" from the dialog box.
Allow a show to be erased automatically	Highlight a show and press SELECT; select "Save until space is needed" from the dialog box.
Save a show until manually erased	Highlight a show and press SELECT; select "Save until manually erased" from the dialog box.
Keep a show longer	Highlight a show and press SELECT; select "Keep Longer ..." from the dialog box to go to the Prioritization Display (refer to the following section).

What you can do	How to do it
Keep a show longer/ Erase a show sooner	Press ▲ or ▼ to increase or decrease the life span of the highlighted show and press SELECT. **Note:** Shows that are positioned higher on the list will be erased later.

Saved shows can be automatically erased to make room for new recordings, or saved until you erase them.

– Indicates that a show will be saved until it is manually erased.

– Indicates that a show is expected to be automatically erased soon.

– Indicates that a show is expected to be automatically erased very soon.

Managing Your Upcoming Recordings

Your Scheduled Recordings list allows you to see the upcoming shows are scheduled to be recorded, and you can also cancel upcoming recordings.

Go to the Scheduled Recordings list by pressing LIST, then press B.

What you can do	How to do it
Find an upcoming scheduled recording	Press ^ or v to highlight a scheduled recording.
Cancel an upcoming scheduled recording	Highlight a scheduled recording and press SELECT; select "Cancel Recording" from the dialog box.
Modify an upcoming scheduled recording	Highlight a scheduled recording and press SELECT; select "Record Options" from the dialog box to display the "Record Options" dialog box (refer to the following section).

What you can do	How to do it
Allow a show to be erased automatically	Scroll up or down to highlight the "Save:" option; scroll left or right to highlight the "Until space is needed" preference and press A to accept.
Save a show until manually erased	Scroll up or down to highlight the "Save:" option; scroll left or right to highlight the "Until manually erased" preference and press A.
Adjust a scheduled recording's start time	Scroll up or down to highlight the "Start Time:" option; scroll left or right to adjust the recording's start time and press A.
Adjust a scheduled recording's end time	Scroll up or down to highlight the "End Time:" option; scroll left or right to adjust the recording's end time and press A.

Managing Your Series Recordings

Episodes of a series will not be saved if more than two scheduled recordings overlap. Use the Series Manager to determine how to resolve recording conflicts.

Go to the Series Manager by pressing LIST *and then press* C.

What you can do	*How to do it*
Find a Series Recording	Press ▲ or ▼ to highlight a Series Recording.
Cancel a Series Recording	Press SELECT; select "Cancel Series Recording" from the dialog box.

What you can do	*How to do it*
Set a Series Recording's recording priority	Highlight a Series Recording and press SELECT; select "Series Recording Priority..." from the dialog box and press SELECT to go to the Prioritization Display (shown at left). Press ▲ or ▼ to increase or decrease the selected Series Recording's priority and press SELECT. **Note:** Series Recordings that are positioned higher on the list will be recorded in the event of a conflict with Series Recordings positioned lower on the list.

Select Output Formats Supported by Your TV

(High Definition DVR Set-top Boxes Only)

Digital video can be sent to your television in several output formats (resolutions). Once the output format menu is setup properly (with only the formats that HDTV supports), the output formats that are not supported by your HDTV are automatically converted to the best format supported by your television.

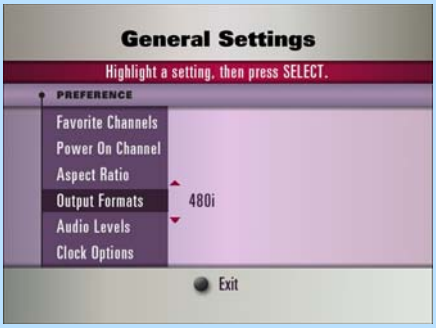
Identify the Output Resolutions supported by your TV

After the set-top box is turned on, press and hold the NUMBER key on your remote control. A banner appears on the screen showing the current video resolution and the currently selected output format. (Note: If you have an 8300 set-top box, the set-top LED's will display the current output format as well.)

Note: If you do not have a NUMBER key on your remote control, you can access the Bypass Banner to change the output format by pressing the Front Panel VOLUME – key and the EXIT key simultaneously.

What you can do	*How to do it*
Switch between Output Format Modes	Press ▲ to switch to 480i. Press ▼ to switch to 480p. Press ◀ to switch to 720p. Press ▶ to switch to 1080i.

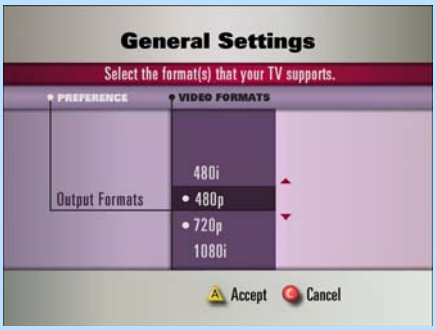
Note: You may see static or distortion while changing modes. The current output format is supported by your TV if you see a clear picture. The current output format is not supported by your TV if you see a fuzzy picture (or no picture). Use this information to set up your output format in General Settings.



Select the Output Formats supported by your TV

Note: The Output Formats is set to 1080i by default, but can be reconfigured to a different output format.

Go to General Settings by pressing the SETTINGS key, and then press A. Press ▲ or ▼ to highlight Output Formats.



What you can do	*How to do it*
Select all of the Output Formats that Your HD Television Supports	In the Settings column, highlight an output format that is supported by your television and press SEL. (Your selection will be bulleted.) Do this for all output formats supported by your HD television. Press A to accept your changes.

Note: If a DVI-D or HDMI cable is used to connect your HD television to the set-top box, output format is set up automatically. This menu can be used to customize your output format settings.

DVI Cables

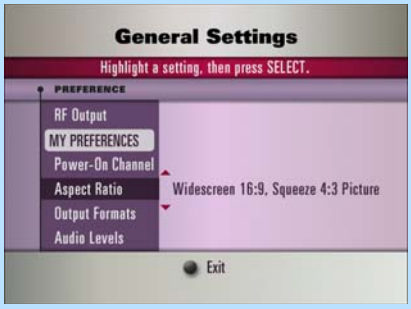
DVI-D: OK to Use — DVI-D cables can be used to connect your television to the set top box.

DVI-I: Do Not Use — DVI-I cables, which have extra pins above and below the blade, SHOULD NOT be used to connect your television to the set top box.

Select Your Video Aspect Ratio

(High Definition DVR Set-top Boxes Only)

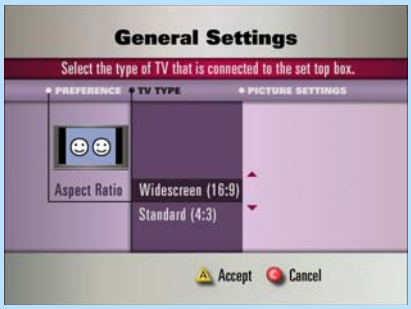
Programs that differ in dimension from your television screen can be displayed unaltered, or they can be stretched, squeezed or zoomed to fill your screen. For example, if you have a wide screen (16:9 format) TV, you can stretch standard (4:3 format) programs to fill the screen, or view them in their original format, centered with black bars on the left and right of the screen.



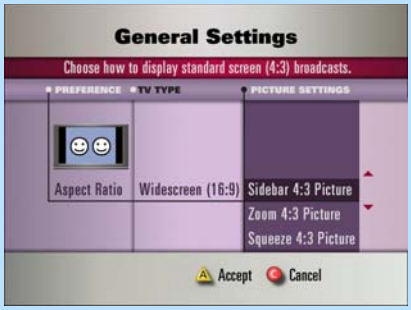
Select the type of TV that is connected to your set-top box, and choose how to display programs that differ in dimension from your TV screen.

Note: The TV Type is set to "Wide screen" (16:9), and Picture Setting is set to "Sidebar 4:3 Picture" by default.

Go to General Settings by pressing the SETTINGS key, and then press A. Press ^ or v to highlight Aspect Ratio.



What you can do	*How to do it*
Select your TV Type	In the TV Type column, highlight the option that describes your television: "Wide screen (16:9)" or "Standard (4:3)" and press SEL.



Select Your Picture Settings

Highlight the Picture Settings column and choose a setting.

If your TV Type is wide screen (16:9), highlight one of the following settings.

- **Sidebar 4:3 picture**
  Standard programs will be displayed unaltered; black bars will appear to the left and right of the picture.

- **Zoom 4:3 picture**
  Standard programs will be zoomed to fill the screen. Some of the picture will be cut off.

- **Stretch 4:3 picture**
  Standard programs will be stretched to fill the screen. Images will be slightly distorted.

If your TV Type is standard (4:3), highlight one of the following settings:

- **Letterbox 16:9 picture**
  Wide screen programs will be displayed unaltered; black bars appear above and below the picture.

- **Zoom 16:9 picture**
  Wide screen programs will be zoomed to fill the screen. Some of the picture will be cut off.

- **Squeeze 16:9 picture**
  Wide screen programs will be squeezed to fit the screen. Images will be slightly distorted.

Press A to accept your changes.

Note: If your remote control has a # button, when pressed, it will bring up the Aspect Ratio banner and cycle through the Aspect Ratio settings.

DVR - HD Box

This box can record up to 20 hours of HD only recording. You can record up to 60 hours with a mix of HD and Standard Definition Recording.

► Routine automatically recorded shows can quickly fill up your DVR space.

► Check your recorded list of shows on a regular basis and delete those that you no longer want in order to guarantee space for anything special that you may add to your recording list.

► The quality of your recordings will remain optimal if you routinely keep your “shows saved” to a minimal amount.

To enable sound when using an HDMI cable:

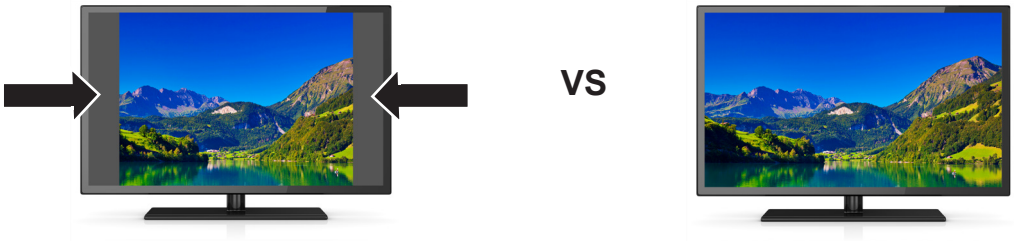
Please make sure the TV and Cable Box are both turned on and tuned to a channel before you proceed.

For the Explorer 4250HDC/4652HDC:

1. Press “SETTINGS.”
2. Press “A” to go to “More Settings.”
3. Press the up or down arrow to highlight “Audio Digital Out” and press the “OK/SEL” button.
4. Press the up or down arrow to select HDMI.
5. Press “A” to accept the change.
6. Press “EXIT.”

For the Explorer 8300HDC/8652HDC:

1. Press “SETTINGS.”
2. Press “A” to go to “More Settings.”
3. Press the up or down arrow to highlight “Audio/Video” and press the “OK/SEL” button.
4. Press the up or down arrow to highlight “Audio Digital Output” and press the “OK/SEL” button.
5. Press the up or down arrow to select HDMI and press the “OK/SEL” button to accept the change.
6. Press “EXIT.”



What to do if your picture does not fill the entire screen:

If you are not tuned to a high definition channel, the picture might not fill the entire screen, and you may see black or grey bars on the left and right side of the picture. Our high definition cable boxes have a feature that allows you stretch or zoom a non-HD picture to fill the screen.

Please make sure both your TV and Cable Box are turned on and tuned to a channel before you proceed.

1. Press the “CBL” button on the remote control
   (to make sure the remote will control the cable box, not your TV).
2. Press pound (#) or the “Video Source” button on the remote control.
   You should see a new menu appear on the TV screen.
3. Repeatedly press pound (#) or the “Video Source” button to switch between “Zoom,” “Stretch,” and “Normal.”
4. Once you find the setting you like best, press “Exit.”