



Version 3.1

Getting Started Guide

Scientific Atlanta

September 1, 2008

maCrovision

Passport Echo 3.1 Getting Started Guide (for Scientific Atlanta set-tops)

Passport Echo® 3.1

September 1, 2008

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Watching Live TV

With Passport Echo®, you can do more than just watch TV shows--you can control them with your remote!



















****Note:***

This button sequence applies only if your cable company enables the 30-Second Skip feature.

If your cable company disables the 30-Second Skip feature, pressing  twice quickly will initiate slow motion playback.

*****Note:***

These button sequences will function only if you have already used a rewind or skip backward function.

- | | |
|---|--|
| Pause playback | Press  . |
| Resume playback from pause | Press  or  . |
| Rewind | Press  .
Press again to change speed. |
| Notch skip forward** | Press  then press  . |
| Notch skip backward | Press  then press  . |
| Fast forward** | Press  .
Press again to change speed. |
| Step forward frame-by-frame | Press  then press  repeatedly. |
| Slow motion forward | Press  then press  . |
| 30-second skip* ** | Press  twice quickly. |
| Resume playback from rewind, fast forward, or slow motion | Press  . |
| Instant replay | Press  . |

Searching for Shows in the Program Guide

Finding TV shows is easy with the Program Guide. You can browse for shows sorted by time or theme, or search for shows by title or keyword.

▶ Browse the channel line-up

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



Browse for shows by Time/Channel

By default, the Program Guide is sorted by time and channel. Press **◀**, **▶**, **▲**, or **▼** to browse shows. Highlight a show, then press **SELECT** to display options, or **RECORD** to record.



Browse for shows by Theme

While viewing the Guide, press **B** to browse by theme. Press **▲** or **▼** to highlight a theme, then press **SELECT** to browse sub-categories. Press **▶** to browse related shows. Highlight a show, then press **SELECT** for options, or **RECORD** to record.



Search for shows by Title or Keyword

While viewing the Guide, press **C** to Search. (Press **C** again to choose Title or Keyword Search). Enter a title or keyword using the on-screen keyboard: use the arrow keys to highlight a letter, then press **SELECT** to enter. Move the highlight to the Search Results List by repeatedly pressing **▶**. Highlight a show. Press **SELECT** to display options, or **RECORD** to record. Related shows are grouped under headings (folders). Highlight a heading, then press **SELECT** to view individual listings, or **RECORD** to create a Series Recording.



*Note: Pressing **RECORD** on a Keyword Header creates a Keyword Series Recording. Future guide data will be continuously searched for matching shows to record.*

Recording TV Shows

You can save a show by using the Program Guide, setting up a manual recording, or pressing the RECORD key while watching a show.

▶ Scheduling Recordings while viewing the Program Guide



Press **GUIDE** to display the Program Guide.

Schedule a single instance recording

Highlight a show, then press **RECORD**. Select "Record this show" from the dialog box.

Schedule a Series Recording

Highlight a show, then press **RECORD**. Select "Record entire series" from the dialog box. Customize your Series Recording settings by specifying recording options, then press **ENTER**.

▶ Saving the show you are watching

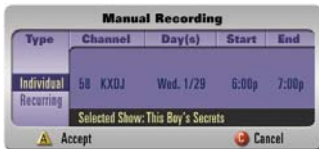


Press **RECORD** while watching a TV show to display the Recording dialog.

Record the current TV show

Select "Record this show" from the dialog box.

▶ Creating a manual recording



Press **RECORD** while watching a TV show to display the Recording dialog. Select "Create a manual recording..."

-or-

Display the Saved Shows or Scheduled Recordings panel, then press **RECORD**.

Schedule a single or recurring recording

Press **LEFT**, **RIGHT**, **UP**, or **DOWN** to highlight a setting, then press **SELECT**. Repeat for each column, then press **ENTER**.

Viewing Saved Shows

You can display a list of Saved Shows at any time by pressing the DVR List button.

(Note: To access Passport Echo's DVR menus, you must have a remote control that features a DVR List button.)

▶ Access Your Saved Shows



Press **LIST** to display a list of Saved Shows.

Find a saved show Press **▲** or **▼** to highlight a show. (Shows that have not yet been played appear in bold text.)

Play the highlighted show Press **▶**, or press **SELECT** then select “Play”, “Play from Beginning” or “Resume Playback” from the dialog box.

▶ Control Playback of a Saved Show



**Note:*

This button sequence applies only if your cable company enables the 30-Second Skip feature.

*If your cable company disables the 30-Second Skip feature, pressing **▶** twice quickly will initiate slow motion playback.*

Pause playback

Press **⏸**.

Resume playback from pause

Press **▶** or **⏸**.

Rewind

Press **⏮**. Press again to change speed.

Notch skip forward

Press **▶** then press **▶**.

Notch skip backward

Press **⏮** then press **⏮**.

Fast forward

Press **▶**. Press again to change speed.

Step forward frame-by-frame

Press **⏸** then press **▶** repeatedly.

Slow motion forward

Press **⏸** then press **▶**.

30-second skip*

Press **▶** twice quickly.

Resume playback from rewind, fast forward, or slow motion

Press **▶**.

Instant replay

Press **↺**.

Return to “live” TV

Press **LIVE**, or press **■** and then press **A** (Stop and erase) or **B** (Stop and save) from the dialog box.

Erase a show

Press **■**, then press **A** (Stop and erase) from the dialog box.

Managing Saved Shows

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

▶ Manage a Saved Show



Press **LIST** to display the Saved Shows panel.

Find a saved show Press **▲** or **▼** to highlight a show.

Erase a show Highlight a show, then press **SELECT**. Select “Erase” from the dialog box.

Save a show until manually erased Highlight a show, then press **SELECT**. Select “Save until manually erased” from the dialog box.

*Tip: While viewing the Saved Shows list, press **A** to sort the list by Group Titles (arranged alphabetically) or Show All Listings (arranged by estimated erasure date).*

Allow a show to be erased automatically Highlight a show, then press **SELECT**. Select “Save until space is needed” from the dialog box.

Keep a show longer Highlight a show, then press **SELECT**. Select “Keep Longer...” from the dialog box to display the Priority screen (see below).

▶ Keep a Saved Show Longer



Keep a show longer/
Erase a show sooner Press **▲** or **▼** to increase or decrease the storage priority of the highlighted show.

Press **SELECT**.

(Note: Shows positioned lower in the list will be erased sooner. Shows positioned higher in the list will be retained longer.)

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 erased automatically soon.

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

Managing Upcoming Recordings

The Scheduled Recordings panel enables you to review a list of upcoming shows that are scheduled to be recorded. It also enables you to cancel upcoming scheduled recordings.

Find and Modify an Upcoming Scheduled Recording



Press **LIST**, then **B** to display the Scheduled Recordings panel.

Find an upcoming scheduled recording

Press **▲** or **▼** to highlight a scheduled recording.

Cancel an upcoming scheduled recording

Highlight a scheduled recording, then press **SELECT**. Select "Cancel Recording" from the dialog box.

Modify an upcoming scheduled recording

Highlight a scheduled recording, then press **SELECT**. Select "Record Options" to display the Record Options dialog box (see below).



Fine-tune an Upcoming Scheduled Recording or Series Recording



Allow a show to be erased automatically

Press **▲** or **▼** to highlight the "Save:" option. Press **◀** or **▶** to highlight the "Until space is needed" preference, then press **A**.

Save a show until manually erased

Press **▲** or **▼** to highlight the "Save:" option. Press **◀** or **▶** to highlight the "Until manually erased" preference, then press **A**.

Adjust a scheduled recording's start time*

Press **▲** or **▼** to highlight the "Start Time:" option. Press **◀** or **▶** to adjust the recording's start time, then press **A**.

Adjust a scheduled recording's end time*

Press **▲** or **▼** to highlight the "End Time:" option. Press **◀** or **▶** to adjust the recording's end time, then press **A**.

**Note: If a scheduled recording overlaps two concurrently scheduled recordings by 10 minutes or less, the program of lower priority will be automatically "cropped" so that the higher priority program can be recorded in its entirety.*

From the Series Manager panel, you can also crop time from the beginning or end of all episodes in a series scheduled for recording.

Managing Series Recordings

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

▶ Cancel a Series Recording



Press **LIST**, then **C** to display the Series Manager.

Cancel a Series Recording

Press **▲** or **▼** to highlight a Series Recording. Press **SELECT** to display the Recording Options dialog box.

Press **▲** or **▼** to highlight "Cancel Series Recording," then press **SELECT**.



▶ Adjust the Priority of a Series Recording



Set the priority for a Series Recording

Highlight a Series Recording, then press **SELECT**.

Select "Series Recording Priority..." from the dialog box, then press **SELECT** to display the Priority panel (shown at left).

Press **▲** or **▼** to increase or decrease the selected Series Recording's priority. Press **SELECT**.

(Note: Series Recordings positioned higher in the list will be recorded in the event of a conflict with a Series Recording positioned lower in the list.)

Using General Settings and Quick Settings

You can control a variety of set-top settings, timers, purchases and preferences by using the General Settings. The Quick Settings offer a shortcut to a few frequently-used settings.

Manage settings, timers, purchases and personal preferences



Display General Settings

Press the **SETTINGS** key, then press **▲** to display the General Settings menu.

*(If your service includes the QuickMenu™, you could alternatively press the **MENU** key twice.)*



Highlight a Preference

Press **▲** or **▼** to highlight a Preference and display its current settings.

Change a Setting

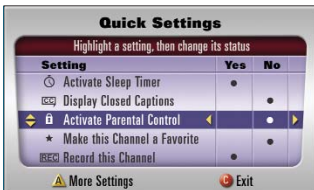
Highlight a preference, then press **SELECT** or **▶** to expand the category or display options. Press **▲** or **▼** to highlight a new setting or option. Repeat if necessary. Press **SELECT** to accept the new setting.



Exit Settings Menu

Press **EXIT**.

Quick Settings



Quick Settings offers a short-cut to a few frequently-used settings.

Display Quick Settings

Press the **SETTINGS** key.

Change a Quick Setting

Press **▲** or **▼** to highlight a Setting. Press **▶** or **◀**, or **SELECT** to toggle the highlighted Setting between Yes and No.

Exit Quick Settings

Press **C** to exit.

Video Output Format and Aspect Ratio

Use these preferences to select a Video Output Format and Video Aspect Ratio supported by your TV and to determine how to output non-conforming video.

Select a Video Output Format and Aspect Ratio



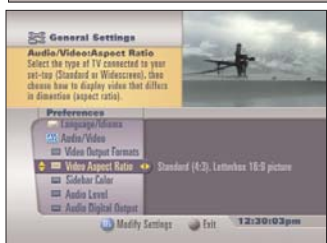
To display the General Settings menu, press the **SETTINGS** key, then press **▲**. (If your service includes the QuickMenu™, you could alternatively press the **MENU** key twice.)

Select a Video Output Format

Press **▲** or **▼** to highlight the “Audio/Video” preference, then press **▶** or **SELECT** to expand the category.



Press **▼** to highlight the “Video Output Formats” preference, then press **▶** or **SELECT**. In the Output Formats column, highlight an Output Format (e.g., 480i, 480p, 720p, 1080i) supported by your television, then press **SELECT**.



Select a Video Aspect Ratio

Programs can feature a wide (16:9) or standard (4:3) aspect ratio. To specify how to output non-conforming video, press **◀** to return to the Preferences column, then press **▼** to highlight the “Video Aspect Ratio” preference, then press **▶** or **SELECT**.



In the TV Type column, highlight your television’s TV Type (e.g., Standard or Widescreen), then press **▶**.



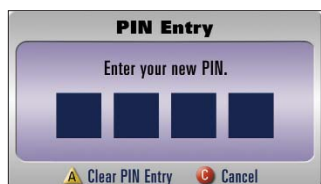
In the Picture Settings column, highlight a Picture Setting (e.g., Squeeze, Letterbox, Zoom) supported by your television, then press **SELECT**.

A bullet will be displayed next to your selection, and the display will return to the Preferences column.

Using Parental Control

Parental Control enables you to restrict set-top access to specific channels, ratings, content, titles, or time periods by requiring PIN entry.

▶▶ Accessing Parental Control settings



On first entry, you will need to set up and remember your Parental Control personal identification number (PIN).

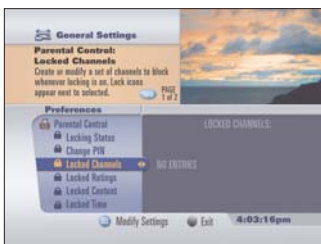
PIN Set Up

Access the General Settings menu as described on page 11. Press ▲ or ▼ to highlight the Parental Control preference, then press **SELECT** to expand the category. Highlight Locking Status, press ▶, then select On. Follow the instructions on screen. (Remember your PIN for future use.)

Display Parental Control Options

Highlight Parental Control. Press **SELECT** to expand the category. Press ▲ or ▼ to highlight the desired Parental Control preference, then ▶ to display options.

▶▶ Setting up viewing restrictions

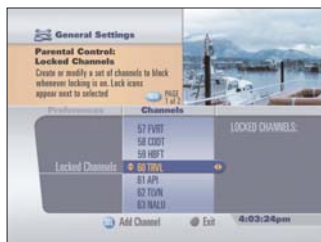


Display the Parental Control options (as above).

Specify Locked Channels

Highlight Locked Channels, then press ▶. Press **SELECT** on each channel you want to block when Locking is enabled.

Repeat with Locked Ratings, Locked Content, Locked Time and Hide Adult Titles, if desired.



Activate Parental Control

Select the Locking Status, press ▶, highlight On, then press **SELECT**.

Disable Parental Control

Select the Locking Status, press ▶, highlight Off, then press **SELECT**.

Turn off Parental Control Temporarily

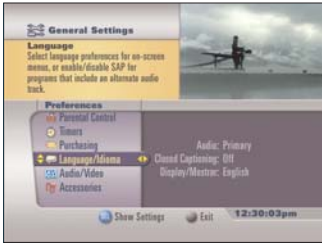
From a blocked program, press **SELECT**. Choose "This Channel" or "All Channels," then press ▲. Enter your PIN, then press ▲ to remove the confirmation dialog.



Language Support

You can specify the language to be used for audio, closed captioning, and on-screen display.

▶ Selecting an audio, closed captioning, or on-screen display language



Select an audio, closed captioning or on-screen display language

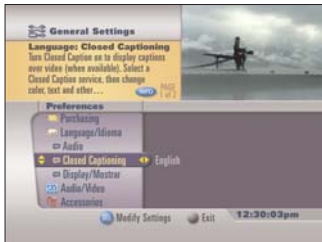
Press the SETTINGS key, then press **▲** to display the General Settings menu.

(If your service includes the QuickMenu™, you could alternatively press the MENU key twice.)



Press **▲** or **▼** to highlight Language/Idioma. Press **▶**.

Press **▲** or **▼** to highlight the Audio, Closed Captioning, or Display/Mostrar preference. Then press **▶**.



Highlight the desired language option. Press **SELECT**.

Audio: Select a Primary or Alternate (SAP) audio language.

Closed Captioning: Select Options and State for On/Off, Analog Service, Digital Service, Text Style, Text Size, Text Color, Text Opacity, Background Color and Background Opacity.

Display/Mostrar: Select English or Spanish/Español for the on-screen text display language.



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