



DIGITAL CABLE



getting started



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Navigator 1.0 – Getting Started version 1.0

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Welcome to Navigator!

Your Navigator Guide provides you with these features:

- **Channel Banner**
This is a graphic that displays at the bottom of your TV screen. It shows program information for the currently tuned program. You can “browse” with the channel banner to display program information for programs and channels other than the one you are tuned to.
- **Program Guide**
The Program Guide shows what's on TV. You can also use it to tune to programs, to record programs, and to purchase Digital pay per view (PPV) programs.
- **Quick Settings Menu**
This menu allows you to set certain Navigator options quickly and easily, such as activating Parental Control and making the current channel a favorite.
- **General Settings Menu**
This menu allows you to set many Navigator preferences.
- **Parental Control**
Parental control allows you to restrict what channels, ratings, and time periods your household members can watch.
- **Digital Pay Per View Purchasing**
Digital pay per view purchasing allows you to purchase, watch, and record Digital pay per view programs.

About your interactive on-screen programming guide

This guide helps you to start using Navigator and includes instructions for the following:

- Using the remote control, turning on the TV, VCR, and Digital SmartBox, and displaying the channel banner.
- Using the program guide, including displaying it, navigating in it, and arranging program information by themes and titles.
- Specifying quick settings, such as activating parental control, recording a channel, making a channel a favorite, playing secondary audio, and activating a sleep timer.
- Specifying general settings, such as setting up purchase and blocking PINs, timers, blocked channels, ratings, and time periods, and many other preferences.
- Recording current programs and setting recording timers to record future programs.
- Setting up parental control, including setting the blocking PIN, specifying which channels, ratings, and time periods you want blocked, and activating parental control.
- Purchasing Digital pay per view programs, including setting or changing the purchase PIN and canceling pending purchases.

Getting Started

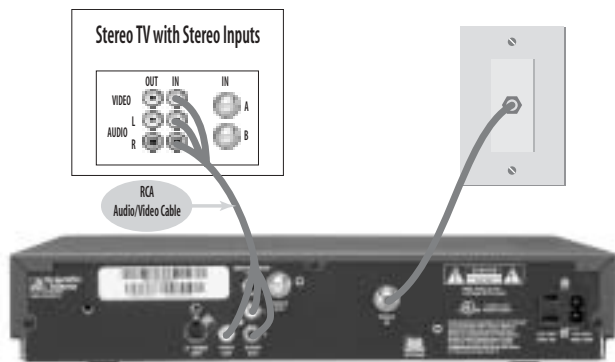
This section describes how to:

- Connect the Digital SmartBox in various setups
- Program the remote control
- Turn on the TV
- Use the Digital SmartBox
- Setup and record using a VCR
- Use the channel banner and program guide

Connecting the Digital SmartBox

- 1 Connect your Digital SmartBox according to the one of the three diagrams provided. The cable should always run from the wall to the Digital SmartBox first. Menus and premium services **will not** work correctly if the cable does not run to the Digital SmartBox first.
- 2 After your Digital SmartBox is connected, powered and turned on, with your TV tuned to Channel 3, call your local Time Warner office at 1-877-TWC-EASY (1-877-892-3279) to have your SmartBox activated.
- 3 Your Digital SmartBox must be activated via telephone. If your Digital SmartBox doesn't work within **30 minutes**, please call us back.

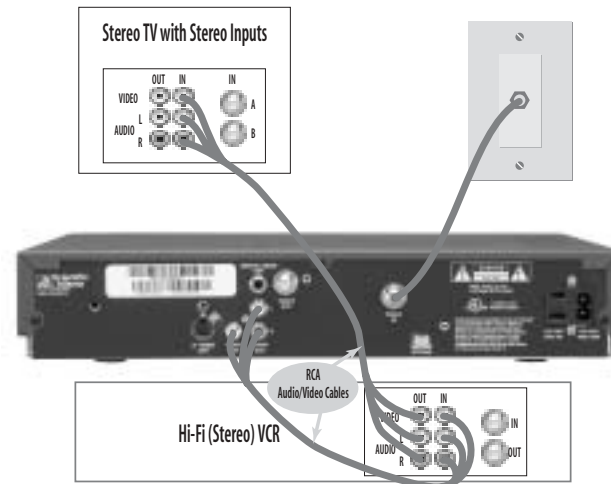
Stereo TV and Digital SmartBox



Note: The cable should be run to the Digital SmartBox first, and the TV must be tuned to channel 3.

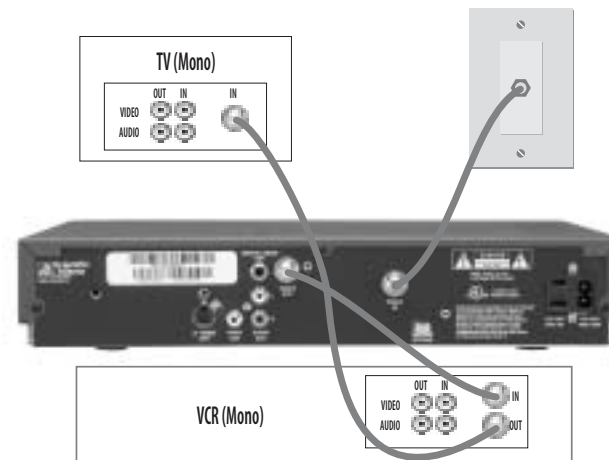
continued on next page

Stereo TV, Hi-Fi VCR and Digital SmartBox




















Note: The cable should be run to the Digital SmartBox first, and the TV must be tuned to channel 3. The VCR must also be tuned to channel 3 when using the Digital SmartBox.

Non-Stereo TV, VCR and Digital SmartBox














Note: The cable should be run to the Digital SmartBox first, and the TV must be tuned to channel 3. The VCR must also be tuned to channel 3 when using the Digital SmartBox.

About the Remote Control

Press this button	To	Press this button	To
	Turn TV on or off		Move the highlight to the right
	Turn Digital SmartBox on or off		Move the highlight to the left
	Turn VCR on or off		Turn the volume on or off
	Show or hide the program guide		Adjust the volume—press '+' to increase the volume level; press '-' to decrease the volume level
	Show or hide the channel banner; in the program guide, show more information about programs; display help for a setting in the General Settings menu		Change the channel—press '+' to channel up, press '-' to channel down
	Show or hide the Quick Settings menu; hide the General Settings menu		Exit the current Navigator item (channel banner, program guide, menus)
	Select the highlighted item		Scroll one page in the program guide (4 lines) or General Settings menu (5 lines); '+' to page up, '-' to page down
	Move the highlight down		Perform the action that the Navigator screen indicates
	Move the highlight up		

Getting Started — About the remote control

Press this button	To
	Return to the channel you last tuned to using the numbered buttons
	Tune to the next favorite channel
	Rewind VCR tape or video-on-demand (VOD) movie
	Play VCR tape or VOD movie
	Fast forward VCR tape or VOD movie
	Pause VCR tape or VOD movie
	Stop VCR tape or VOD movie
	Record current program on VCR tape
	Bypass Digital SmartBox to tune directly on the TV
	Activate VCR's TV/VCR switch
	Direct the Play, Pause, Stop, Forward, Rewind, and Record buttons to either the VCR or a VOD movie



Getting Started — *Turning on the TV, Digital SmartBox, and VCR*

Turning on the TV, Digital SmartBox, and VCR

To turn on the TV

- Press the TV button. The TV turns on. If not, refer to pages 30–32, Programming the Remote.

To turn on Digital SmartBox

- Press the CBL button. The Digital SmartBox turns on. (This is pre-programmed by your cable provider.)

To turn on the VCR

- Press the VCR button. The VCR turns on. If not, refer to pages 33–35, Programming the Remote.

Using iCONTROL

Make sure your Digital Remote is switched to VOD instead of VCR.

- If the switch on your remote matches the one in the circle in Photo A, press the button until the LED at the top of the remote lights up RED.
- If the switch on your remote matches the one in the circle in Photo B, flip the switch down to the VOD position.



Photo A



Photo B

To use iCONTROL

- Tune to channel 123
- Make sure the VCR/VOD switch located in the lower right corner of your remote is set to VOD
- Select a “Category” such as New Releases, Family, \$1.99 movies, Action, Comedy, Drama, Extras, or Movies A to Z, by scrolling one at a time using the left and right arrow keys at the top of the remote.
- Highlight the movie you want to view by using the up and down arrow keys on your remote, then press “Select”. The screen will then display the movie description, length, rating and price.
- To buy, press B. To return to the main menu, press the red C button.
- You can view the movie during the next 12 hours.
- To pause, rewind, fast forward, play and stop the movie during the 12-hour rental period, use the function keys at the bottom of your remote control.
- Enjoy your movie!

Note: If iCONTROL is not allowing you to order, rewind or fast forward, please see *Troubleshooting*, page 44.

Getting Started — *Changing channels, adjusting the volume level*

Changing channels

To change channels

- If you know the channel number, enter the number using the number buttons. Press the SELECT button for immediate tuning.
- To go one channel up from the current channel, press ‘+’ on the CH button.
- To go one channel down from the current channel, press ‘-’ on the CH button.
- To see the previously tuned channel (tuned to with the numbered buttons), press the LAST button.
- To see the next channel that you specified as a favorite channel, press the FAV button.

For more information, refer to “Choosing Quick Settings” on page 15 and the Favorite Channels option in the General Settings menu on page 16.

Adjusting the volume level

To adjust the volume level

- To increase the volume, press ‘+’ on the VOL button.
- To decrease the volume, press ‘-’ on the VOL button.
- To turn the volume off completely, press the MUTE button.
- To restore the volume and continue listening to the program, press the MUTE button again.
- If your remote does not adjust the volume, please refer to Programming the Remote Control for your TV model section on page 32.

Getting Started — *Displaying and browsing the channel banner***Displaying and browsing the channel banner**

Navigator includes the channel banner to provide quick access to information about the program title and the program's start and end times. The figure to the right shows the channel banner.

The channel banner shows the following information:

- The channel logo, number, and call letters
- The program title, start time, and end time
- The current time
- Navigator symbols where appropriate

You can browse program title and time information with the channel banner—this allows you to continue watching the current program while checking program information for other channels and other times. The figure to the right shows the channel banner while you are browsing.

The following procedure describes how to display the channel banner and how to browse program title and time information in the channel banner.

Note: *The channel banner automatically displays when you change channels.*

To display the channel banner

- 1 Press the INFO button.
The channel banner displays the program title and time of the currently tuned program.
- 2 To browse other program titles and times, use the arrow buttons as shown on page 6.
- 3 To tune to a channel shown in the channel banner, press the SELECT button.
- 4 Press the INFO button a second time to see a program description.
- 5 To hide the channel banner, press the INFO button a third time or press the EXIT button.
The channel banner disappears.

Note: *If you do not press the INFO button to hide the channel banner, it automatically disappears after several seconds.*

**Getting Started** — *Understanding Navigator symbols*

Press this button	To Access	Press this button	To Access
	The channel that is one channel up from the current channel		The program scheduled after the program shown in the channel banner
	The channel that is one channel down from the current channel		The program scheduled previous to the program shown in the channel banner

Understanding Navigator symbols

There are several symbols that you may see in Navigator, for example, in the program guide. The table below describes each symbol.

This Symbol	Indicates
	A program blocked by channel, rating, or time period with parental control currently enabled
	A program blocked by channel, rating, or time period with parental control currently disabled
	A channel currently marked as a favorite channel
	A program with stereo sound
	A program with closed caption information (subtitles for hearing-impaired viewers)
	A program with secondary audio; viewers can choose to hear audio in another language
	A program with VCR timer; you specified this program to be recorded
	A program that has been purchased
	A program with a reminder timer

Using the Program Guide

Navigator includes the program guide to give you an overview of what is playing on different channels during the day. From the program guide, you can select programs to watch, record, or purchase. The figure to the right shows the program guide.

The program guide shows you:

- The currently tuned channel in the upper right-hand corner with the current time, channel call letters, and channel number
- The channel logo, name, and number for the currently highlighted program in the upper left-hand corner
- The title, start and ending time, and a brief description of the currently selected program
- The time grid or a list of programs by theme or title

Note: As shown in the figure above, there are sometimes symbols in the program description. For an explanation of these symbols, refer to page 11.



Displaying the program guide

To display the program guide

- Press the GUIDE button. The program guide displays showing the time grid. The current program is highlighted in the time grid.

Tuning to a program from the program guide

To tune to a program from the program guide

- 1 In the program guide, press the up, down, left, and right arrow buttons to highlight the program you want to tune to.
- 2 Press the SELECT button to tune to the program. The program guide disappears and the selected program appears.

Note: If the program you tuned is a future program, you see a message asking if you want to record the program, set a reminder timer, or cancel the attempt to tune (exit). Press the button indicated for the option you want.

Using the Program Guide — Viewing more information about a program

Viewing more information about a program

You can use the program guide to get additional information about a program. The screen below shows an example of additional information in the program guide.

To get more information about a program

- 1 In the program guide, press the arrow buttons to find the program for which you want more information.
- 2 To get more information about a program, make sure it is highlighted, and then press the INFO button. Navigator displays an extended description of the selected program.
- 3 To return to the program guide, press the C button or INFO button.



Displaying information for a few days ahead

You can display programming information in the program guide for up to a week ahead. The procedure below describes how you can quickly display information for a certain day ahead instead of scrolling through the program guide day by day.

To display information for a few days ahead

- 1 In the program guide, press the number button for the number of days that indicates the day you want to view information for. For example, if today is Wednesday and you want to see programming information for Saturday, press 3. Saturday is three days ahead of Wednesday.
- 2 Press the right arrow button within one second after pressing the number button in step 1. The program guide displays the programming information for the day you selected.

To redisplay the information for today, do one of the following:

- Press the number button you pressed in step 1 and press the left arrow button.
- Press the GUIDE button to exit the program guide and press the GUIDE button again to display the program guide.

Using the Program Guide — *Displaying the program guide by theme*

Displaying the program guide by theme

To display the program guide by theme

- 1 In the program guide, press the B button. A list of themes appears for you to select from.
- 2 Press the up or down arrow button to scroll through the list of themes.
To quickly jump from one theme category to another, press the B button.
For each theme selected, the program guide displays all available programs for that theme to the right.
- 3 To scroll through the list of programs, press the right arrow button to highlight the list of programs, then press the up or down arrow button to scroll. Programs that are currently playing are marked by a dot in front of the program name.
- 4 Press SELECT to tune to the highlighted channel

Displaying the program guide by title

To display the program guide by title

- 1 In the program guide, press the C button. An alphabetical list of letters appears.
- 2 Press the up or down arrow button to highlight the first letter of the program title you want to view information for. The program guide shows all program titles that start with the letter you selected.
- 3 To scroll through the list of programs, press the right arrow button to highlight the list of programs, then press the up or down arrow button to scroll. Programs that are currently playing are marked by a dot in front of the program title.
- 4 Press SELECT to tune to the highlighted channel

Exiting the program guide

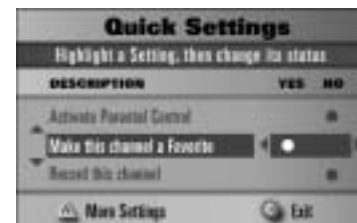
To exit the program guide

- To exit the program guide, press the GUIDE button or the EXIT button.

Choosing Quick Settings

Navigator provides the Quick Settings menu to let you do the following quickly and easily:

- Activate parental control
- Make a channel a favorite
- Record a channel immediately
- Activate secondary audio (SAP)
- Activate the sleep timer



The figure to the right shows the Quick Settings menu.

Displaying the Quick Settings menu

To display the Quick Settings menu

- Press the SETTINGS button. This displays the Quick Settings menu. The figure below shows the SETTINGS button.



Choosing quick settings

To choose quick settings

- 1 Press the up or down arrow button to highlight the setting you want to activate or deactivate.
- 2 To change a setting from NO to YES, press the left arrow button.
- 3 To change a setting from YES to NO, press the right arrow button.

Note: From the Quick Settings menu, you can display the General Settings menu by pressing the A button. For information about the General Settings menu, refer to page 16.

Exiting the Quick Settings menu

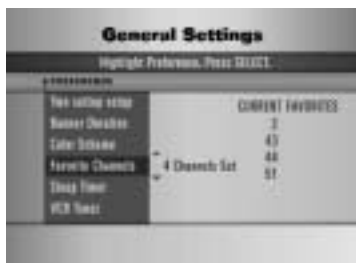
To exit the Quick Settings menu

- Press the C button or EXIT button. The Quick Settings menu disappears.

Choosing General Settings

Navigator provides the General Settings menu to let you tailor Navigator to your needs. The figure to the right shows the General Settings menu.

The table below shows all the options you can specify in the General Settings menu and gives a brief description of each option.



This general setting	Lets You
Favorite channels	Specify channels as favorites; you can tune to them with the FAV button
Sleep timer	Activate the sleep timer so that Navigator turns off the Digital SmartBox automatically after the number of minutes you specify
VCR timer	Specify channels, dates and times to be recorded (refer to Recording Programs on page 14)
Power-on timer	Specify the channel, day(s), and time you want the Digital SmartBox to turn on automatically
Power-off Timer	Specify the day(s) and time you want the Digital SmartBox to turn off automatically
Reminder timer	Specify for which channels, days, and times you want to set reminder timers
Power-on channel	Specify what channel the Digital SmartBox tunes to automatically when you turn the Digital SmartBox on
PPV purchases	Review or cancel PPV purchases
Purchase PIN	Enable, disable, and change the PIN you use for purchasing PPV programs

Settings, continued

Choosing General Settings — Exiting the Quick Settings menu

This general setting	Lets You
Blocking PIN	Enable, disable, and change the PIN you use for parental control
Blocked channels	Specify the channels you want to block when parental control is activated
Blocked ratings	Specify the program ratings you want to block when parental control is activated
Blocked time	Specify the time periods you want to block when parental control is activated
Alert summary	View or cancel current VCR, PPV, and reminder timers
Audio level	Specify the Digital SmartBox's output volume level
Clock options	Specify whether the Digital SmartBox LED displays time only, the current channel only, or time with the current channel number
Secondary audio	Turn secondary audio programming (SAP) on or off
Language	Specify the language in which you want to view Navigator information
AC outlet use	Specify how to use the Digital SmartBox's AC outlet
VCR Commander	Set up the VCR Commander by specifying your VCR model
Two Digital SmartBox setup	Activate or deactivate Digital SmartBox mode, which allows you to use one Digital SmartBox for watching a channel and a second Digital SmartBox for recording another channel
Banner duration	Specify how long the channel banner remains displayed when you change channels
Color scheme	Select a color scheme for Navigator screens

Choosing General Settings — Displaying the General Settings menu

Displaying the General Settings menu

To display the General Settings menu

- 1 Press the SETTINGS button. This displays the Quick Settings menu. The figure below shows the SETTINGS button.



- 2 Press the A button. The General Settings menu displays.

Choosing General Settings

To choose general settings

- 1 In the General Settings menu, press the up or down arrow button to highlight the general settings option you want to specify.
- 2 Press the right arrow button. The settings for the selection appear in a column to the right.
- 3 Press the up or down arrow button to select the setting you want to specify. For multiple columns, press the right arrow button to access the columns. For columns with numbers, you can press the number buttons on the remote to enter the numbers.

Getting help for general settings

To get help for general settings

- 1 Press the up or down arrow button to highlight the item for which you want help.
- 2 Press the INFO button. A message shows a description of the setting.
- 3 To exit the help message, press the C button.

Exiting the General Settings menu

To exit the General Settings menu

- Press the EXIT button. The General Settings menu disappears and you return to the channel you were watching.

Recording Programs

With Navigator you can specify which programs you want to record now or in the future.

Note: You must have the optional VCR Commander installed to have Navigator control your VCR automatically. For more information about the VCR Commander, call customer service.

Recording the channel you're watching

To record the channel you're watching


- 1 If necessary, and if your remote has been programmed to control the VCR, press the VCR button to turn on the VCR.
- 2 Press the SETTINGS button. The Quick Settings menu displays. The figure to the right shows the SETTINGS button.
- 3 Press the up or down arrow button to highlight the Record This Channel option.
- 4 Press the left arrow button to change the setting from NO to YES. The Recording Alert message appears.
- 5 To cancel the recording, press the C button.
- 6 To start recording immediately, press the A button. You return to the channel and the VCR starts recording. This disables all remote control buttons except the EXIT button.
- 7 To stop recording at any time, press the EXIT button.



Selecting a future program to record from the program guide

To select a future program to record from the program guide

- 1 Press the GUIDE button. The program guide displays.
- 2 Press the arrow buttons to highlight the future program you want to record.
- 3 Press the SELECT button. A message appears informing you that you are attempting to select a future program.
- 4 Press the A button to set a VCR timer to record this program. If the program guide is arranged by time, it now displays the program title in a red box, indicating a VCR timer is set. The record symbol appears in the program description.

 the record symbol

Note: To clear existing VCR timer, highlight program, press select, then press the A button.

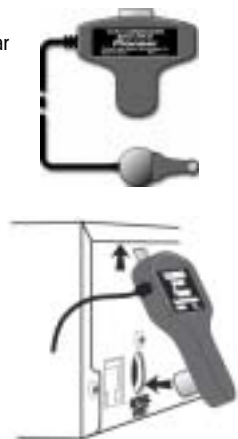
Recording Programs — VCR Commander

VCR Commander

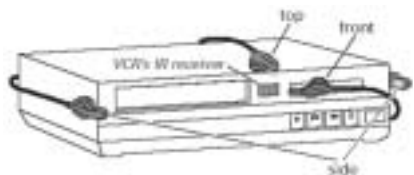
The VCR Commander allows the Digital SmartBox to control a VCR when selecting the record function in the Digital SmartBox's on-screen features.

Setup

- 1 Plug the VCR Commander* into the serial port located on the rear left side of the Digital SmartBox.
- 2 Place the other end of the VCR Commander in front of the VCR where the infrared receiver is located.
- 3 Press the **SETTINGS** button. The Quick Settings menu displays.
- 4 Press the **A** button. The General Settings menu displays.
- 5 Press the up or down arrow button to highlight the VCR Commander preference. The default setting will show Disabled.
- 6 Press the right arrow button to move to the VCR Brand column to select the VCR brand.
- 7 Press the up or down arrow button to highlight the brand that matches your VCR.
- 8 Press the **SELECT** button. A VCR Commander setup screen appears with confirmation questions about the VCR.
- 9 Press the **A** button. The message: **Please wait. Attempt 1 of number** appears. After a few seconds, another message appears: "Please indicate if your VCR has started recording."
- 10 Press the A button if your VCR recorded or press the C button if it did not record. If you press the A button, the message "Your VCR Commander has been set" appears. If you press C other attempts to locate your VCR model will be made.
- 11 Press the left arrow button to return to the Preference column.
- 12 To exit the General Settings menu, press the **EXIT** button.



*The VCR Commander will plug into the port labeled: **IR, Data or Serial**. The label depends on which SmartBox is in use.



Recording Programs — VCR Commander

To Record*:

- 1 Press the **GUIDE** button.
- 2 Use the arrow keys to highlight desired program.
- 3 Press the **SELECT** button. A message appears informing you that you are attempting to select a future program.
- 4 Press the **A** button to record this program. If the program guide is arranged by time, it displays the program title in a red box, indicating a VCR timer is set.
- 5 The **REC** symbol appears in the program description.

* A procedure for recording a **FUTURE** program.

Note: To clear existing VCR timer, highlight program, press select, then press the A button.

Using Parental Control

Navigators provides you with parental control so you can restrict viewing of certain channels, ratings, and programs during certain time periods.

When you tune to a blocked item when parental control is activated, a screen appears informing you that the channel or program is blocked. Only those household members who know the blocking PIN can bypass this screen and view blocked channels or programs.

To set up parental control, perform these steps:

- 1 Specify which channels, ratings, and times you want to block.
- 2 Activate parental control and enter your blocking PIN (the default PIN is 0000). If you do not activate parental control, all channels, ratings and times are available to all household members.

Setting up parental control

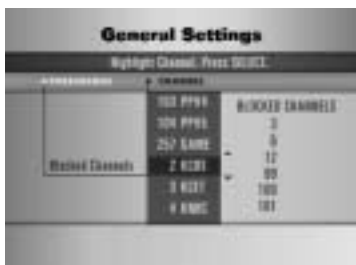
When you set up parental control, you can specify what channels, ratings, or time periods you want to block. This section describes how to do this.

Note: Items that are currently blocked show a locked or unlocked symbol in the General Settings menu. For descriptions of these symbols, refer to page 11.

Blocking channels and ratings

To block channels and ratings

- 1 Press the SETTINGS button. The Quick Settings menu appears.
- 2 Press the A button. The General Settings menu appears.
- 3 Press the up or down arrow button to highlight the Blocked Channels or Blocked Ratings option.
- 4 Press the right arrow button. A list of channels or ratings appears. Channels or ratings that are currently blocked have a locked or unlocked symbol. The screen also shows a list of currently blocked items.
- 5 Press the up or down arrow buttons to highlight the channel or rating you want to block.
- 6 To block the highlighted channel or rating, press the SELECT button. This adds the channel or ratings to the list of blocked channels or ratings.
- 7 To block additional items, return to step 5.
- 8 To exit the General Settings menu, press the EXIT button.
- 9 To activate parental control, refer to page 24.

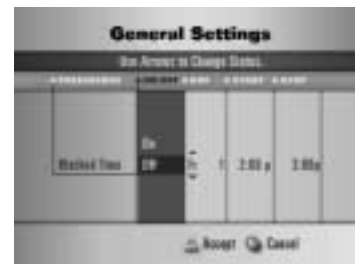


Using Parental Control -- Blocking time periods

Blocking time periods

To block time periods

- 1 Press the SETTINGS button. The Quick Settings menu appears.
- 2 Press the A button. The General Settings menu appears.
- 3 Press the up or down arrow button to highlight the Blocked Time option.
- 4 Press the right arrow button. A screen similar to the one on the right appears.
- 5 Press the up arrow button to highlight the On option.
- 6 Press the right arrow button to move to the Day, Start, or Stop column.
- 7 For the Day, Start, or Stop column, press the up or down arrow button to enter the day(s), hour, minutes, and AM or PM for the time period. You can also use numbered buttons in the Start and Stop columns.
- 8 When you have specified the time period, press the A button. This adds a new option called Blocked Time with a number, for example Blocked Time 1.
- 9 To specify additional time periods, return to step 3. You can specify up to four blocked time periods.
- 10 To exit the General Settings menu, press the EXIT button.
- 11 To activate parental control, refer to page 24.

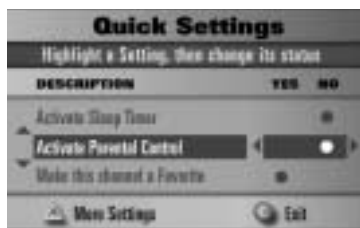


Using Parental Control -- Activating parental control**Activating parental control**

Before you activate parental control, you must have specified which channels, ratings, or time periods you want to block. For information, refer to page 22.

To activate parental control

- 1 Press the SETTINGS button. The Quick Settings menu appears.
- 2 Press the up or down arrow button to highlight the Activate Parental Control option.
- 3 Press the left arrow button to change the setting from NO to YES. A screen appears asking you to enter your blocking PIN.
- 4 Press the number buttons to enter the four numbers of your blocking PIN. A message confirms that all channel, time, and rating blocks are now active.
- 5 Press the A button to accept the message. The Quick Settings menu disappears and parental control is now activated.

**Disabling parental control**

You can disable (deactivate) parental control just for the channel you're watching or for all channels, ratings, and time periods.

This procedure disables parental control until you turn the Digital SmartBox off and on; parental control then activates again automatically. To disable parental control permanently, you disable the blocking PIN. For information, refer to "Changing your blocking PIN" on page 26.

To disable parental control

- 1 Press the SETTINGS button. The Quick Settings menu displays.
- 2 Press the up or down arrow button to highlight the Activate Parental Control option.
- 3 Press the right arrow button to change the setting from YES to NO.
 - If you get a message asking if you want to unblock this channel only or all channels, press the A button to unblock only the channel you are watching; press the B button to unblock all channels and deactivate parental control.
 - A screen asks you to enter your blocking PIN.
 - Press the number buttons to enter the four numbers of your blocking PIN.
 - If you disabled parental control for the current channel only, the TV now shows the channel.

continued

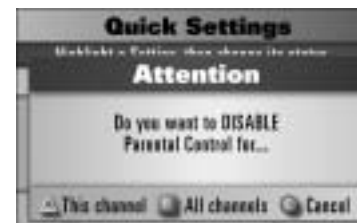
Using Parental Control -- Disabling parental control temporarily

- If you disabled parental control for all channels, ratings, and time periods, a message confirms that parental control is now disabled, and all blocked channels, ratings, and time periods are now unblocked.

- 4 Press the A button to accept the message. You return to the currently tuned channel.

Disabling parental control temporarily for a single channel**To disable parental control temporarily for a single channel**

- 1 Tune to the blocked channel you want to watch. A black screen indicates the channel has been blocked from viewing due to a channel block. If this channel is blocked due to a rating or time block, you cannot disable parental control for this channel only; you must disable it for all channels, ratings, and times.
- 2 Press the SELECT button. The Quick Settings menu displays briefly, followed by the message shown to the right.
- 3 Press the A button to disable the current channel only. A message appears asking you to enter your blocking PIN.
- 4 Press the number buttons to enter the four numbers of your blocking PIN. A message indicates that the channel has been temporarily unblocked.
- 5 Press the A button to accept the message. The message disappears and the channel now shows the program. Parental control stays active for all the other locked channels, ratings, and times.

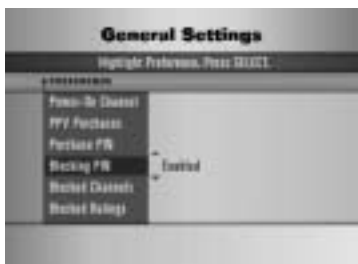


Using Parental Control — Changing your blocking PIN

Changing your blocking PIN

To change your blocking PIN

- 1 On the remote, press the SETTINGS button. The Quick Settings menu appears.
- 2 Press the A button. The General Settings menu appears.
- 3 Press the up or down arrow button to highlight the Blocking PIN option. The screen shows whether the PIN is enabled or disabled.



- 4 Check if the blocking pin is enabled. If it is, go to step 10. If it is disabled, go to the next step.
- 5 To enable the blocking PIN, press the right arrow button. You move to the Start column.
- 6 Press the up arrow button to highlight the Enable option.
- 7 Press the SELECT button to enable the current blocking PIN. A screen appears asking you to enter your blocking PIN.
- 8 Press the number buttons to enter the four numbers of your blocking PIN. A message confirms that all blocking now requires you to enter the blocking PIN.
- 9 Press the A button to accept the message.
- 10 To change your blocking PIN, press the right arrow button.
- 11 Press the up arrow button to highlight the Change option.
- 12 Press the SELECT button. A screen asks you to enter your current blocking PIN.
- 13 Press the number buttons to enter the four numbers of your blocking PIN. The screen asks you to enter your new PIN.
- 14 Press the number buttons to enter the four numbers of your new blocking PIN. The screen asks you to re-enter your new PIN.
- 15 Press the number buttons to re-enter the four numbers of your new blocking PIN. The screen confirms that your blocking PIN has been changed.
- 16 Press the A button to accept the message. The General Settings menu displays the Blocking PIN option as enabled.

Purchasing Digital Pay Per View Programs

Navigator gives you the flexibility to purchase Digital pay per view programs in two different ways:

- Purchase programs from PPV channels
- Purchase future programs from the program guide

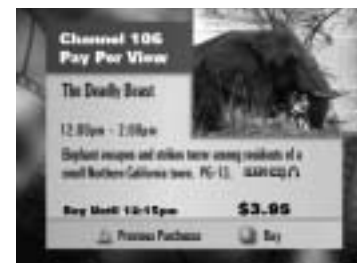
Purchasing Digital PPV programs from Digital PPV channels

You can purchase Digital PPV programs directly from Digital PPV channels. An example of a Digital PPV channel is shown below.

The procedure below describes how you purchase a program directly from Digital PPV channels.

To purchase Digital PPV programs from Digital PPV channels

- 1 Tune to a Digital PPV channel.
- 2 Press the B button.
 - If the purchase conflicts with another VCR or reminder timer, a screen appears asking how you want to handle the conflict. Press the B button to continue the purchase.
 - If the purchase PIN is enabled, a screen appears asking you for the purchase PIN. Enter the four numbers for the purchase PIN.
 - If the program has already started, you tune immediately to the program. Otherwise, a screen thanks you for your order and displays how long it will be before the program starts.
 - If the program is blocked by parental control, you must disable parental control to view the program. See page 17 for more information.



Purchasing future Digital PPV programs from the program guide

To purchase future Digital PPV programs from the program guide

- 1 Press the GUIDE button. The program guide displays. The current program is highlighted in the time grid.
- 2 Press the up, down, left, or right arrow button to highlight the future Digital PPV program you want to purchase.

Continued

Purchasing Digital Pay Per View Programs -- Canceling Purchases

- Press the SELECT button. A screen shows program information including cost. If the program is a current program, Navigator tunes immediately to the Digital PPV channel. Refer to "Purchasing Digital PPV programs from Digital PPV channels" on page 27.
- Press the B button to purchase the program. If the purchase conflicts with another VCR or reminder timer, a screen appears asking how you want to handle the conflict. Press the button indicated to continue the purchase. If the purchase PIN is enabled, a screen appears asking you for the purchase PIN. Enter the four numbers for the purchase PIN.

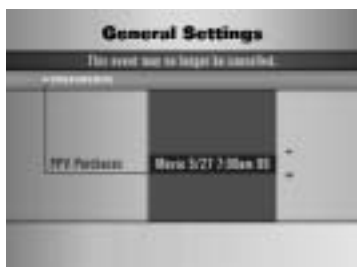
If the channel is blocked by parental control, a screen appears asking for the blocking PIN. Enter the PIN and press the A button to accept the confirmation message. The program guide appears. If the guide is arranged by time, the program appears in green with a dollar symbol in its description.

Canceling purchases

You can cancel a purchased program when the program has not started yet and when the purchase allows cancellation.

To cancel purchases

- If your TV displays a Digital PPV channel, go to step 5. Otherwise, press the SETTINGS button. The Quick Settings menu displays.
- Press the A button to display the General Settings menu.
- Press the up or down arrow button to highlight the Digital PPV Purchases option.
- Press the right arrow button. A list appears showing your Digital PPV purchases.



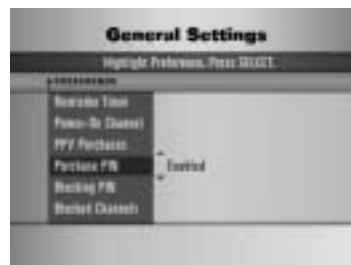
- Press the up or down arrow button to highlight the purchase you want to cancel.
- Press the SELECT button to cancel the purchase. A screen asks you to confirm the cancellation.
- Press the A button to cancel the purchase. You return to the General Settings menu.

Purchasing Digital Pay Per View Programs -- Changing your purchase PIN

Changing your purchase PIN

To change your purchase PIN

- Press the SETTINGS button and then the A button to display the General Settings menu. For detailed instructions for displaying the General Settings menu, refer to page 18.
- Press the up or down arrow button to highlight the purchase PIN option. The screen shows whether the PIN is enabled or disabled.



- Check if the purchase PIN is enabled. If it is, go to step 10. If it is disabled, go to the next step.
- To enable the purchase PIN, press the right arrow button. You move to the State column.
- Press the up arrow button to highlight the Enable option.
- Press the SELECT button to enable the current purchase PIN. A screen asks you to enter your current purchase PIN.
- Press the number buttons to enter the four numbers of your purchase PIN. A message confirms that a PIN is required for all purchasing.
- Press the A button to accept the message.
- To change your purchase PIN, press the right arrow button.
- Press the up arrow button to highlight the Change option.
- Press the SELECT button. A screen asks you to enter your current purchase PIN.
- Press the number buttons to enter the four numbers of your purchase PIN. The screen asks you to enter the number for your new PIN.
- Press the number buttons to enter the four numbers of your new purchase PIN. The screen asks you to re-enter the number for your new PIN.
- Press the number buttons to re-enter the four numbers of your new purchase PIN. The screen confirms that your purchase PIN has been changed.
- Press the A button to accept the message. You return to the General Settings menu.

Setting Up the Remote Control For the TV model

To program the Remote Control

Before your Digital Remote can be used to operate your TV and VCR, it must be programmed with the correct TV and VCR models. The instructions, along with TV and VCR codes, allows programming the Digital Remote to control your TV and VCR. If your model has more than one code listed, it may be necessary to try a few codes before the Digital Remote correctly controls your TV and VCR.

TV Model Setup Codes for the Remote Control

For this TV Model	Use this Code	For this TV Model	Use this Code
A-Mark	003	Clairtone	185
Abex	032	Concerto	070, 056
Admiral	107, 093, 0107, 0477	Contec	194, 157, 158, 180, 185, 0194
Adventura	060, 046	Craig	194, 180, 918, 0194
Aiko	106, 092	Crosley	068, 0068
Akai	044, 030, 0044	Crown	194, 039, 180
Alaron	193, 0193	Curtis Mathes	180, 030, 044, 061, 065, 068, 070, 074, 107, 159, 168, 465, 039, 060, 154, 415, 0030, 0044, 0061, 0065, 0068, 0074, 0107, 0159
Alleron	179, 183	CXC	194, 180, 0194
Ambassador	191, 177	Daewoo	106, 465, 019, 039, 091, 092, 451, 0106, 0637, 0638
American Acton	0194	Daytron	019
Ampro	0765	Denon	159, 0159
Anam	194, 004, 009, 068, 180, 0194	Dumont	031, 017, 019, 0031
Anam National	055, 069, 194	Dwin	0734
AOC	033, 044, 199, 019, 030, 052, 137, 185, 0044	Electrobrand	014, 000, 185, 0014
Archer	003	Electrohome	381, 389, 409
Astro Text	379	Emerson	168, 191, 192, 193, 194, 250, 296, 477, 079, 038
Audiovox	003, 180, 0106, 0194, 0465, 0637, 106, 194, 465	Envision	044, 030, 0044
Baysonic	194, 0194	Fisher	168, 154, 159, 0168
Belcor	033, 019	Fujitsu	193, 179, 0193, 0697
Bell & Howell	030, 168, 016, 154, 0030, 0168	Funai	185, 193, 194, 171, 179, 180
Bradford	194, 180, 0194	Futuretech	194, 180, 0194
Brockwood	019	GE	035, 061, 065, 107, 149, 192, 296, 465, 021, 027, 029, 047, 051, 055, 135, 174, 178, 251, 279, 282, 451, 0035, 0061, 0065, 0107, 0192
Broksonic	250, 477, 003, 0250, 0477	Gibraltar	031, 044, 017, 019, 030, 0031, 0044
Candle	066, 044, 070, 030, 046, 056, 186, 0044	GoldStar	044, 070, 192, 001, 002, 019, 030, 032, 039, 056, 106, 178, 409, 0044, 0192
Carnivale	044, 030, 0044	Gradiente	067, 070, 392, 0067
Carver	068, 054, 0068		
CCE	217, 329		
Celebrity	014, 000, 0014		
Cineral	106, 465, 0465, 0106		
Citizen	060, 044, 070, 074, 106, 030, 039, 046, 056, 092, 186, 280, 0044, 0074, 0106		

Programming the Remote Control

TV Models and Codes, continued

Grunpy	193, 194, 179, 180, 0193, 0194	060, 091, 185, 0044, 0074	
Hallmark	192, 178, 0192	Multitech	194, 180, 217, 0194
Harley Davidson	193, 0193	NAD	170, 180, 192
Harmon/Kardon	078, 0068	NEC	044, 070, 019, 030, 036, 056, 0044
Harvard	194, 068, 180, 0194	Nikko	044, 106, 192, 032, 092, 178, 0044, 0106, 0192
Hitachi	070, 159, 032, 038, 056, 145, 151, 279, 409, 413, 0030, 0159	Noblex	430
Infinity	068, 054, 0068	Noshi	018
Inteq	031, 0031	NTC	106, 092, 0106
Janeil	046, 060	Onwa	194, 180, 0194
JBC	000	Optimus	168, 180, 264, 154, 166, 250, 0168, 0180, 0264
JBL	054, 0068, 068	Optonica	107, 179, 093, 165, 0107
JCB	0041, 014	Orion	193, 250, 477, 236, 0193, 0250, 0477
JVC	036, 053, 069, 160, 182, 0067, 067	Panasonic	065, 264, 051, 055, 226, 250, 0056, 0264
Kawasho	158	Penney	035, 044, 061, 065, 070, 074, 149, 170, 192, 002, 003, 018, 019, 021, 027, 030, 032, 039, 047, 051, 060, 135, 149, 156, 178, 0035, 0044, 0061, 0065, 0074, 0170, 0192
Kaypani	052	Philco	044, 068, 159, 477, 019, 020, 028, 030, 054, 096, 0044, 0068, 0159, 0477
KCM	106	Philips	0068
KEC	194, 180, 0194	Phillips	068, 054
Kenwood	044, 019, 030, 0044	Pilot	044, 019, 030, 039, 0044
Kloss	060, 024, 046, 078	Pioneer	180, 038, 166, 0180
Konka	0642, 0646, 0652, 0717, 0721	Portland	106, 019, 039, 092, 0106
KTV	044, 194, 030, 039, 180, 183, 185, 217, 280, 0044, 0194	Princeton	0731
LG	070	Prism	065, 051, 0065
Logik	030, 016, 0030	Proscan	061, 047, 0061
Luxman	070, 056	Proton	192, 003, 052, 178, 0192
LXI	061, 068, 168, 170, 192, 047, 054, 148, 154, 156, 178, 092, 0061, 0068, 0168, 0170, 0192	Pulsar	031, 017, 019, 0031
Magnavox	044, 068, 193, 020, 024, 028, 030, 054, 096, 186, 187, 386, 0044, 0068, 0193	Quasar	179, 056, 264, 051, 055, 165, 250, 0065, 0264, 065
Majestic	030, 015, 016, 0030	RadioShack	044, 061, 070, 168, 179, 192, 194, 019, 030, 032, 039, 047, 056, 154, 165, 178, 180, 409, 0044, 0061, 0168, 0192, 0194
Marantz	044, 068, 030, 054, 0044, 0068	RCA	061, 065, 104, 107, 149, 018, 019, 029, 038, 047, 090, 135, 174, 278, 0061, 0065, 0107
Matsushita	264, 250, 0264	Realistic	044, 070, 168, 179, 192, 194, 019, 030, 032, 039, 056, 154, 165, 178, 180, 0044, 0168, 0192, 0194
Megatron	159, 192, 003, 145, 178, 0159, 0192	Rhapsody	183, 185
MEI	185	Runco	053, 017, 030, 251, 0031, 0044, 0617
Memorex	030, 070, 164, 168, 192, 264, 016, 056, 106, 150, 154, 178, 0030, 0164, 0168, 0192, 0193, 0264, 0477	Sampo	044, 030, 032, 039, 052, 0044
MGA	044, 164, 192, 019, 030, 150, 155, 178, 0044, 0164, 0192	Samsung	044, 070, 074, 192, 019, 030, 032, 039, 056, 060, 178, 329, 427, 482, 0044, 0074, 0192
Midland	031, 061, 065, 149		
Minutz	035, 021, 0035		
Mitsubishi	107, 164, 192, 019, 093, 150, 155, 178, 241, 0107, 0164, 0192		
Motorola	107, 055, 093, 0107		
MTC	044, 070, 074, 019, 030, 056,		

Programming the Remote Control

TV Models and Codes, continued

Samsung	.039	Tatung	.003, 055
Sansei	.465, 0465	Technics	.065, 264, 051, 055, 250, 0065, 0264
Sansui	.477, 0477	Technol Ace	.193, 179, 0193
Sanyo	.168, 146, 154, 159, 484, 0168	Techwood	.065, 070, 003, 051, 056, 0065
Scimitsu	.019	Teknika	.030, 068, 070, 074, 106, 164, 193, 194, 016, 019, 039, 054, 056, 060, 092, 150, 179, 180, 186, 312, 0030, 0068, 0074, 0106, 0164, 0193, 0194
Scotch	.192, 178, 0192	Telefunken	.070
Scott	.192, 193, 194, 250, 019, 178, 179, 180, 236, 0192, 0193, 0194, 0250	TMK	.070, 191, 192, 056, 177, 178, 0192
Sears	.061, 068, 070, 168, 170, 185, 192, 193, 015, 047, 054, 056, 146, 148, 149, 154, 156, 159, 171, 178, 179, 0061, 0068, 0186, 0170, 0185, 0192, 0193	TNCi	.0031
Semivox	.194, 0194	Toshiba	.074, 168, 170, 036, 060, 149, 154, 156, 0074, 0168, 1070
Semp	.170, 0170	Tosonic	.185
Sharp	.179, 107, 039, 093, 153, 157, 165, 386, 0107, 0702	Totevision	.039
Shogun	.019	Trical	.157
Signature	.030, 016, 0030	Universal	.027
Simpson	.186, 187	Vector Research	.044, 030, 0044
Sony	.014, 000, 011, 080, 111, 0014	Victor	.067, 053, 0067
Soundesign	.192, 193, 194, 178, 179, 180, 186, 0192, 0193, 0194	Vidikron	.068, 054, 242, 0068
Spectricon	.003, 137	Vidtech	.192, 019, 036, 178, 0192
Squareview	.185, 171, 0185	Viking	.060, 046, 312
SSS	.194, 019, 180, 0194	Wards	.030, 035, 044, 068, 070, 179, 192, 193, 016, 019, 020, 021, 027, 028, 029, 054, 056, 080, 096, 111, 165, 174, 178, 179, 0030, 0035, 0044, 0068, 0192, 0193
Starlite	.194, 180, 0194	White Westinghouse	.0477, 0637, 0638
Supre-Macy	.060, 046	Yamaha	.044, 019, 030, 0044
Supreme	.014, 000, 0014	Zenith	.030, 031, 106, 016, 017, 0030, 0031, 0106, 0477, 0638
Sylvania	.044, 068, 020, 028, 030, 054, 096, 381, 0044, 0068	Zonda	.003
Symphonic	.185, 171, 0185		
Tandy	.107, 093, 0107		

Programming the Remote Control for your TV model

- 1 Locate the TV's setup code in "TV Model Setup Codes for the Remote Control" on page 30.
- 2 Point the remote control away from the Digital SmartBox, the **TV**, and the **VCR**.
- 3 While the remote control is pointed away, press and hold the TV and the SELECT buttons simultaneously until the indicator light stays illuminated. This may take up to five seconds.
- 4 Release the TV and SELECT buttons.
- 5 Enter the TV setup code using the number buttons on the remote control. The LED on the remote control blinks twice to confirm completion.
- 6 Press the **TV** button on the remote to turn the TV on and off. If the TV responds, your remote is correctly programmed. If it does not, and there are multiple codes listed for your model, try the next code for your TV model in the list.

Programming the Remote Control

VCR Model Setup Codes for the Remote Control

For this VCR Model	Use this Code	For this VCR Model	Use this Code
Admiral	.062, 048, 0062, 0223	Funai	.014, 000, 0014
Adventura	.014, 000, 0014	Garrard	.014, 000, 0014
Aiko	.292, 278	GE	.049, 062, 074, 254, 035, 060, 065, 202, 0049, 0062, 0074, 0254
Aiwa	.014, 051, 000, 468, 0041, 0051	Go Video	.232, 279
Akai	.055, 075, 120, 041, 049, 053, 061, 106	Goldstar	.051, 052, 018, 037, 038, 0051
American High	.049, 035, 0049	Gradiente	.014, 000, 408, 0014
Asha	.254, 240, 0254	Grundig	.195
Audiovox	.051, 037, 0051	Harley Davidson	.014, 000, 0014
Beaumarck	.254, 240, 0254	Harman/Kardon	.038, 075
Bell & Howell	.118, 104, 0118	Harmon/Kardon	.052, 0095
Brocksonic	.016, 135, 198, 225, 121, 184, 211, 295, 361, 0135, 0198, 0223	Harwood	.086, 068, 072, 0086
Calix	.051, 037, 0051	Headquarter	.060, 046
Canon	.049, 035, 102, 0049	HI-Q	.061, 047, 0061
Capeheart	.020	Hitachi	.014, 055, 056, 119, 041, 042, 065, 082, 105, 166, 396, 0014, 0056
Carver	.095, 081, 0095	Hughes Network System	.0056
CCE	.086, 292, 072, 278, 0086	Jensen	.041
Cineral	.292	Jenson	.055, 081
Citizen	.051, 292, 037, 278, 0051	JVC	.055, 081, 008, 041, 067, 206, 207, 384, 0081
Cold	.0086	KEC	.051, 092, 037, 278, 0051
Colt	.086, 072	Kenwood	.052, 055, 081, 038, 041, 067, 384, 0081
Craig	.051, 061, 086, 254, 037, 047, 072, 240, 271, 0051, 0061, 0086, 0254	KLH	.086, 072, 0086
Curtis Mathes	.049, 055, 074, 176, 035, 041, 060	Kodak	.049, 051, 035, 037, 0049, 0051
Curtis-Mathes	.0049, 0074, 0179	Lloyd	.analog
Cybernex	.254, 051, 240, 0254	Lloyd's	.014, 022, 208, 0014
Daewoo	.059, 292, 020, 045, 278, 0059	Logik	.072, 0086
Daytron	.020	Logix	.086
Denon	.056, 0056	LXI	.051, 037, 0051
Dynatech	.014, 000, 0014	Magnasonic	.292
Electroponic	.051	Magnavox	.014, 049, 053, 095, 035, 039, 081, 110, 149, 0014, 0049, 0053, 0095, 052
Electrohome	.051, 037, 0051	Magnin	.254, 240, 0254
Electroponic	.037, 0051	Marantz	.049, 095, 035, 081, 0049, 0095
Emerex	.046, 032, 0046	Marta	.051, 037, 0051
Emerson	.014, 016, 051, 057, 075, 135, 198, 222, 225, 226, 292, 000, 02, 036, 037, 043, 061, 068, 088, 121, 184, 208, 209, 211, 212, 278, 294, 295, 361, 479, 0014, 0051, 0057, 0135, 0198, 0223	Matsushita	.049, 176, 035, 162, 454, 0049, 0176
Fisher	.061, 068, 118, 047, 054, 066, 104, 0061, 0118	MEI	.049, 035, 0049
Fuji	.047, 049, 033, 035, 0047, 0049	Memorex	.014, 049, 051, 053, 060, 061, 062, 118, 176, 254, 000, 035, 037, 039, 046, 047, 048, 104, 240, 0014, 0049, 0051, 0053, 0061, 0062, 0118, 0176, 0223, 0254

Programming the Remote Control

VCR Models and Codes, continued

MGA . . . . .	.057, 075, 254, 043, 061, 0057, 0254	RCA . . . . .	.049, 056, 062, 074, 119, 120, 254, 042, 060, 065, 077, 105, 106, 149, 202, 0049, 0056, 0062, 0074, 0254
MGN Technology . . . . .	.254, 240, 0254	Realistic . . . . .	.014, 049, 051, 060, 061, 062, 118, 000, 035, 037, 046, 047, 048, 062, 066, 104, 0014, 0049, 0051, 0061, 0062, 0118
Minolta . . . . .	.056, 119, 042, 105, 0056	ReplayTV . . . . .	.0628, 0630
Mitsubishi . . . . .	.057, 062, 075, 081, 043, 061, 067, 075, 173, 443, 0057, 0062, 0081	Ricoh . . . . .	.034, 253
Moblex . . . . .	.0254	Runco . . . . .	.053, 039, 0053
Motorola . . . . .	.049, 062, 035, 048, 0049, 0062	Salora . . . . .	.075
MTC . . . . .	.014, 254, 000, 240, 0014, 0254	Samsung . . . . .	.059, 254, 045, 051, 053, 240, 0059, 0254
Multitech . . . . .	.014, 186, 000, 072, 0014, 0086	Sanky . . . . .	.053, 062, 039, 048, 0053, 0062
NAD . . . . .	.058	Sansui . . . . .	.014, 055, 081, 041, 067, 082, 271, 0014, 0081, 0223
NEC . . . . .	.052, 055, 081, 118, 038, 040, 041, 050, 067, 082, 104, 0081, 0118	Sanyo . . . . .	.060, 061, 118, 254, 046, 047, 104, 240, 0061, 0118, 0254
Nikko . . . . .	.051, 037, 0051	Scott . . . . .	.057, 059, 135, 198, 226, 255, 043, 045, 121, 184, 210, 211, 212, 051, 0057, 0059, 0135, 0198
Nikon . . . . .	.034, 253	Sears . . . . .	.014, 049, 051, 056, 060, 061, 068, 118, 119, 035, 037, 042, 046, 047, 054, 066, 104, 105, 0014, 0049, 0051, 0056, 0061, 0118
Noblex . . . . .	.254, 240	Semp . . . . .	.059, 0059
Olympus . . . . .	.049, 035, 226, 0049	Sharp . . . . .	.062, 048, 0062
Optimus . . . . .	.051, 062, 118, 176, 037, 048, 058, 104, 162, 432, 454, 0051, 0062, 0118, 0176	Shintom . . . . .	.086, 072, 0086
Optonica . . . . .	.062	Shogun . . . . .	.254, 051, 240, 0254
Orion . . . . .	.016, 198, 295, 479, 0198, 0223	Singer . . . . .	.086, 072, 0086
Panasonic . . . . .	.049, 176, 035, 077, 102, 162, 225, 226, 227, 378, 454, 0049, 0176, 0630	Sony . . . . .	.014, 046, 047, 049, 011, 032, 033, 034, 035, 253, 0014, 0046, 0047, 0049, 0650
Penney . . . . .	.049, 051, 052, 056, 068, 254, 035, 037, 038, 040, 042, 054, 240, 0049, 0051, 0056, 0254	STS . . . . .	.056, 042, 0056
Pentax . . . . .	.056, 119, 042, 065, 105, 0056	Sunpak . . . . .	.253
Philco . . . . .	.049, 035, 0049, 0223	Sylvania . . . . .	.014, 049, 057, 095, 000, 035, 043, 081, 110, 0014, 0049, 0057, 0095
Philips . . . . .	.049, 095, 035, 062, 081, 110, 0049, 0095, 0632	Symphonic . . . . .	.014, 000, 0014
Pilot . . . . .	.051, 037, 0051	Tatung . . . . .	.055, 041
Pioneer . . . . .	.081, 176, 058, 067, 0081	Teac . . . . .	.014, 055, 000, 0014
Polk Audio . . . . .	.0095	Technics . . . . .	.049, 176, 035, 162, 0049, 0176
Portland . . . . .	.020	Teknika . . . . .	.014, 049, 051, 111, 035, 037, 052, 0014, 0049, 0051
Profitronic . . . . .	.254, 240, 0254	Thomas . . . . .	.014, 0014
Proscan . . . . .	.086, 0074	Tivo . . . . .	.0632, 0650
Protec . . . . .	.086, 072, 0086	TMK . . . . .	.222, 254, 036, 208, 240, 0254
Pulsar . . . . .	.053, 039, 051, 0053	Toshiba . . . . .	.057, 059, 226, 043, 045, 066, 210, 212, 366, 0059, 0057
Quarter . . . . .	.060, 046	Totevision . . . . .	.051, 254, 037, 240, 0051, 0254
Quartz . . . . .	.060, 046		
Quasar . . . . .	.049, 176, 035, 077, 162, 454, 0049, 0176		
Radio Shack . . . . .	.014, 051, 000, 037, 0014		
Radix . . . . .	.051, 037, 0051		
Randex . . . . .	.051, 037, 0051		

Programming the Remote Control

VCR Models and Codes, continued

Unitech . . . . .	.254, 240, 0254	White Westinghouse . . . . .	.292, 0086
Vector . . . . .	.059, 045, 0059	XR-1000 . . . . .	.014, 049, 086, 000, 035, 072, 0223
Vector Research . . . . .	.052, 038, 040	Yamaha . . . . .	.052, 038
Video Concepts . . . . .	.059, 075, 040, 045, 061, 0059	Zenith . . . . .	.033, 034, 039, 0014, 0047, 0053, 0223, 014, 047, 053
Videosonic . . . . .	.254, 240		
Vidosonic . . . . .	.0254		
Wards . . . . .	.014, 049, 056, 061, 062, 074, 086, 095, 226, 254, 000, 035, 042, 047, 048, 060, 062, 072, 081, 060, 062, 072, 081, 149, 212, 240, 0014, 0049, 0056, 0061, 0062, 0075, 0086, 0095, 0254		

Programming the Remote Control for your VCR model

- 1 Locate the VCR setup code in "VCR Model Setup Codes for the Remote Control" on page 33.
- 2 Point the remote control away from the Digital SmartBox, the TV, and the VCR.
- 3 While the remote control is pointed away, press and hold the **VCR** and the **SELECT** buttons simultaneously. The indicator light on the remote blinks twice, this may take up to five seconds.
- 4 Release the **VCR** and **SELECT** buttons.
- 5 Enter the VCR setup code.
- 6 Press the VCR button on the remote to turn the VCR on and off. If the VCR responds, your remote is correctly programmed. If it does not, and there are multiple codes listed for your VCR model, try the next code for your VCR model in the list.

Programming the Remote Control

Auxiliary Device Setup Codes for the Remote Control

For this Auxiliary	Use this Code	For this Auxiliary	Use this Code
Akai	.000, 011	Panasonic	.018, 019
Crown	.001	Philips	.008, 020, 021, 041
Denon	.002	Pioneer	.022, 042
Fisher	.003, 025	Radio Shack	.023, 026, 027
Harman/Kardon	.004	RCA	.024
JVC	.005	Sanyo	.043
Kenwood	.006, 007, 028	Sharp	.030
LG (Goldstar)	.037	Sony	.030, 031, 032, 044
Magnavox	.009	Soundesign	.0038, 046
Mitsubishi	.010	Teac	.033
Nakamichi	.014, 015	Technics	.036
NAX	.012, 013, 034	Yamaha	.035, 048, 049, 050, 051, 052, 053, 054
NEC	.016	Zenith	.045, 047
Onkyo	.017		

Programming the Remote Control for your CD Player, Stereo or other device

1. Locate the auxiliary device's setup code in Auxiliary Device Setup Codes for the Remote Control.
2. Turn your CD Player, Stereo, or other device on.
3. Press the AUX and DEVICE buttons together until the indicator light stays illuminated.
4. Enter the 3 digit code for your CD Player, Stereo or other device
5. If the device turns off, press the DEVICE button to lock in the code. If the device does not turn off, repeat steps 3 through 5 with another 3 digit code until the power responds.

Programming the Remote Control

Scanning for and displaying the correct code

If the correct code for your TV or VCR model is not listed in the code table, you may find a working code by scanning through the Digital Remote code library. This allows you to try each and every code known to the Digital Remote without having to program them all manually. If a working code is found, you can then have the remote control "flash" that code back to you for future programming.

Smart Scan Code Search

1. Have the TV or VCR turned on.
2. Select and press the device button you want to operate (TV or VCR) and **SELECT** together until the indicator light stays illuminated.
3. Press and hold the **CHANNEL UP** button until the device turns off, and then release immediately.
4. Press **MUTE** to make sure the power responds.
5. Press the device button (TV or VCR) again to lock in the code.
6. The device button (TV or VCR) should now control the power of the TV/VCR.

Displaying Your Code

1. Press the device button whose code you would like to display (TV or VCR) and **SELECT** together until the indicator light stays illuminated.
2. Press the device button again, followed by the **INFO** button.
3. Press the **INFO** button and count flashes of the LED.

Note: Zero is represented by 10 consecutive flashes. If the device code is 037, the LED at the top of the remote will flash 10 times, then pause for 1 second, then flash 3 times, then pause for 1 second and then flash 7 times.

Changing the device controlled by the Volume Control button

Your Digital SmartBox and TV both have volume controls. It is possible to program your Digital Remote to control either of these volume levels. Follow the instructions to program your remote to control the desired device.

To program the Digital Remote to control the TV volume

1. Press the CBL and **SELECT** buttons together until the indicator light stays illuminated.
2. Press the **VOLUME UP** button, and then release it.
3. Press the TV button.

To program the Digital Remote to control the Digital SmartBox volume

1. Press the CBL button and **SELECT** together until the indicator light stays illuminated.
2. Press the **VOLUME UP** button, and then release it.
3. Press CBL button.

Find Your Remote

Features Specific to Remote Models



Scientific Atlanta

Programming Macro Keys

The F1, F2 and F3 buttons are Macro Keys, capable of repeating a pre-programmed sequence of buttons.

Follow these instructions to program each of these buttons with any button sequence you like:

- 1 Press the GUIDE or INFO buttons simultaneously, then release it.
- 2 Press a Macro button (F1, F2, F3) and then release it.
- 2 Press buttons in sequence as you would like them repeated.
- 3 Press the GUIDE and INFO buttons simultaneously, then release it.

Setup Voyager terminal operation

No setup is required. The BR-350 is ready to run the Voyager Home Terminal. If for some reason, the Voyager terminal does not respond to the BR-350, first try re-entering the setup code.

- 1 Turn on the Voyager terminal.
- 2 Point the BR-350 away from the terminal.
- 3 Press and hold CBL and SELECT at the same time, until the indicator light blinks twice.
- 4 Enter 8 9 1. Indicator light blinks twice.
- 5 Point the BR-350 toward the terminal.
- 6 Press CBL. The terminal should turn off. The BR-350 will now operate the Voyager terminal.



BR-350

Programming Smart Keys

Your TV Power and Cable Power buttons are Smart Keys, capable of repeating a pre-programmed sequence of 12 buttons. There are many possible uses for these buttons, one example would be to turn on your TV, VCR, and Digital SmartBox with a single press of a button.

Follow these instructions to program each of these buttons with any sequence you want:

- 1 Press the CBL or TV and SETTINGS together until the indicator light stays illuminated.
- 2 Press up to 12 buttons as you would like them repeated.
- 3 Press the CHANNEL UP button to lock in this setting.

Find Your Remote

Helpful Hints

If the remote does not operate the TV or VCR properly, or if it operates some but not all of the remote control commands:

- 1 Try all the codes listed for the device
- 2 Try the search method

Many devices use similar remote control codes. While searching the library, you may lock onto a similar code for which only some commands work. Start the Searching the Code Library method over. Repeat the process until you find the correct code.

If the red indicator light does not blink when you press a key, or if the operation is intermittent, replace both batteries with two new AA alkaline batteries. Replace both batteries at the same time.



AT-2300 (Red LED)

Programming the Remote Control for your Digital SmartBox

This Digital Remote controls your Analog SmartBox (CFT2200) as well as your Digital SmartBox. The Digital Remote comes pre-programmed for the Digital SmartBox, but can be changed using the codes below.

- 1 Press and hold SELECT and CBL until the light blinks twice.
- 2 Press 9 9 6.
- 3 Press CHANNEL DOWN.
- 4 Press and hold SELECT and CBL until the light blinks twice.
- 5 Use the following codes for the corresponding cable box:

Pioneer .....	.0891
Scientific Atlanta .....	.0458, 0491, 0891
General Instrument .....	.0490
Jerrold .....	.0490

Programming Macro Keys

The M1, M2 and M3 buttons are Macro Keys, capable of repeating a pre-programmed sequence of 3 numeric buttons. Follow the instructions to program each of these buttons with any button sequence you like.

- 1 Press the DEVICE button and one of the Macro buttons (M1, M2, M3) together until the indicator light stays illuminated
- 2 Press up to 3 numeric buttons as you would like them repeated.
- 3 Press the Macro button (M1, M2, M3) you would like to assign this sequence of buttons to
- 4 Press DEVICE button



THAD 2000

AT-2300 (Green LED)

Troubleshooting

Use the checklist to troubleshoot problems with your TV and to work with your customer service representative if needed.

CHECK	STEP	ACTION
	1	Is cable service connected to the CABLE IN connection?
	2	Is a cable connected between the Digital SmartBox to the TO TV connector? OR Is the cable connected between the Digital SmartBox VIDEO and L/R AUDIO output connector and TV VIDEO and L/R AUDIO inputs connector?
	3	Is the AC cord plugged into an unswitched AC outlet?
	4	Are both the Digital SmartBox and the TV turned on?
	5	Is the TV tuned to the correct channel (3 or 4), or set to display the A/V (audio/video) input? If there is no picture on one channel, try the other.
	6	Has there been a report of a lightning storm? If so, reset your Digital SmartBox by unplugging the unit's AC power cord for at least one minute, and plug it in again. Note: The Digital SmartBox features a lightning protection circuit. During a lightning storm, this circuit may activate to protect the rest of the circuit from damage. If this occurs, the terminal will appear to not work at all. To restore power, unplug the Digital SmartBox, wait a minute, then plug it in again.

Troubleshooting

Troubleshooting/Do It Yourself Help

We do everything in our power to deliver the best possible cable television picture to your home. Occasionally you may experience a reception problem. You may be able to correct some of these problems on your own by following these tips and troubleshooting solutions:

I'm not getting a picture or any sound.

- Check the TV, VCR and Digital SmartBox to make sure all are connected correctly, plugged in and powered on. An unplugged device is a very common problem.
- The TV, VCR or Digital SmartBox may be plugged into an electrical outlet controlled by a wall switch. Make sure the wall switch is in the "on" position.
- Check to see if other electrical items in the room are working properly. A power surge may have tripped a circuit breaker. Reset the breaker, then check the TV again.
- If you have a Digital SmartBox, make sure that the Time or Channel is displayed on the front panel. If not, check to see if the Digital SmartBox is plugged into a working electrical outlet. If the outlet is controlled by an electrical switch, check to make sure that the switch is in the "on" position.
- If your home had a cable amplifier installed, check to see if the amplifier lost power. The charger that powers a house amplifier often gets unplugged from the wall electrical outlet or turned off by a light switch. The amplifier is usually in the attic or on the side of the house where all the cables meet. It's a gray box about 3 inches by 5 inches in size which your cables all plug into and if powered, should display a small triangular light on the device's front or face. If the light is not on, check to see if the charger is unplugged or turned off by a light switch. The charger should be located next to the amplifier or next to a cable outlet in the house.
- Press the TV/VIDEO switch or button on your TV.
- A power failure or neighborhood construction may have caused the problem. If power was lost momentarily on a Digital SmartBox, when the power is restored, the TV may not have tuned to Channel 3. Tune the TV to channel 3 to see if the service has returned to normal.

There is interference or snowy reception on some channels.

- Make sure all cable connections are finger-tight. Off air signals often find their way into the cable through loose connections which can cause interference. Loose connections can cause digital channels to break up or freeze.
- If your TV menu has a STD/HRC/IRC setting, select STD. An incorrect setting can cause reception problems.
- Check to see if your TV and/or VCR is tuned to channel 3.
- Check to see if the reception problem on one or several channels. If only one channel is affected, the problem may be at the TV station.
- Check to see if the reception problem is on one or several TVs. If only one TV is affected, make sure the all connections are secure.

Continued

Troubleshooting

- Have you installed any new equipment recently such as a stereo receiver, DVD, Tivo or Replay TV? The addition of a component to your home theatre system could have easily loosened a cable. Be sure all cables are connected and are finger-tight.
- If you can't tune to the desired channel, make sure the channel is not blocked by a parental control.
- Are you using a surge protector? Surge protectors have three frequent problems:
 - 1 Surge protectors sometimes do not pass the entire signal to the Digital SmartBox.
 - 2 The devices can allow off air interference.
 - 3 They can prevent the cable service from working correctly.

If you have connected the cable to the surge protector rather than directly to the Digital SmartBox, this may be the problem. Instead, try connecting the Surge Protector between the Digital SmartBox and your TV/VCR. For example, the routing should be: Wall to Digital SmartBox to surge protector to TV/VCR.

- The TV only receives up to Channel 13. Check your TV for a menu option or a switch labeled Antenna/CATV. Switch to CATV. If you have an older TV that stops at Channel 13, you may only be able to use your VCR to receive all basic and standard channels. If this is the case, tune the TV to channel 3, turn on the VCR and change channels with the VCR.

There is interference or snowy reception on some channels.

- Check the HDTV's input assignment (RGB or YPrPb). Switch the selection in the TV menu to see if the full color is restored. If the menu does not provide both RGB and YprPb options, check to make sure the cables are connected properly. If the color is not restored, call Customer Service.

I'm having problems recording.

- The Digital SmartBox says REC and the controls will not respond when I press any of the buttons. You have selected a record function. Press EXIT on the digital remote to cancel this function and resume normal operations.
- I tried to record, and the Digital SmartBox displays "REC," but the VCR did not start recording. If your VCR did not start recording, then you may not have a VCR Commander installed. The VCR Commander attached from the back of the Digital SmartBox to the front of the VCR. If you do not have a VCR Commander, you must record manually with the VCR:
 - 1 Select the program to be recorded in the Navigator. If you select a future program you will be given you the option to Set a VCR Timer or Set a Reminder timer. Choose Set a VCR timer.
 - 2 Put a blank tape in your VCR and program the VCR to Record Channel 3 on the day and time of the program selected in the Navigator.
- If you have a VCR Commander, check the instructions on how to set up or record with a VCR Commander

Troubleshooting

I am having audio problems with my cable service

- I have a picture but no sound or a different audio than what I should have. Check to make sure the SAP function of the TV, VCR, or Digital SmartBox has been turned "OFF."
- I have no sound and a black box in front of my picture. Check your TV's menu to see that your "Closed Caption" settings are turned off if you are not intending to use the option. If you are intending to use "Closed Caption" select a different setting such as CC1 or CC2, the "Text" settings often bring up the "black box" in the center of the viewing screen.
- All my channels are making a buzzing sound. Make sure the TV volume is not set at the maximum level while the Digital SmartBox volume is turned down. Both volumes should be at mid level.
- My Digital Remote is not controlling my TV/Digital SmartBox volume. The Digital SmartBox Remote has the ability to operate the volume of the TV or Digital SmartBox. To select the volume for the TV or Digital SmartBox, first make sure the TV can be turned on or off with the Digital Remote. If you have not programmed your Digital Remote for volume control, check the remote control instructions. If the sound does not seem to be in stereo, check the stereo source to make sure it is the left and right audio output of the Digital SmartBox.

The left and right Digital SmartBox outputs provide stereo; the Digital Audio output provides surround sound.

- If the sound does not seem to be in surround sound, be sure that your Surround Sound source is the Digital Audio output of the Digital SmartBox.

Note: The connection is coaxial NOT optical. A digital stereo receiver is required.

- If the surround sound is connected properly but you are not receiving surround sound, then program you are viewing may not be broadcast in surround sound. Scroll through other digital channels to see if other programs are in surround sound. Many programs are not broadcast in surround sound.

The Picture-In-Picture (PIP) function of the TV is not working

- You must have two separate sources to your TV.

Example: From a two-way splitter, one line goes to the Digital SmartBox-VCR-TV input 1 and the other line goes from the splitter to TV input 2.

Troubleshooting

iCONTROL is not allowing me to order, rewind or fast forward.

- Make sure your Digital Remote is switched to VOD instead of VCR.

If the switch on your remote matches the one in the circle in Photo A, press the button until the LED at the top of the remote lights up RED

If the switch on your remote matches the one in the circle in Photo B, flip the down to the VOD position.

- If your iCONTROL purchase is experiencing problems such as the audio or video is breaking up or the terminal is freezing, and you have checked the connections, try resetting or rebooting the Digital SmartBox.



Photo A



Photo B

Steps for resetting or rebooting the Digital SmartBox:

- 1 First, press and hold the power button on the face of the Digital SmartBox for about 10 seconds, or until the word BOOT appears on the display.
- 2 The Digital SmartBox will cycle for a few seconds before the current time is restored. Sometimes the Digital SmartBox will automatically turn itself on once the current time displays. If not, press the power button.
- 3 A "Passport Now Loading" screen will be shown until the resetting sequence is complete.
- 4 Once the Digital SmartBox has finished resetting itself, you should be returned to regular program and your problems should be resolved. If not, try resetting the box one more time.

My Digital SmartBox continuously resets or reboots

- Make sure the Digital SmartBox is connected to a good power source; loss of power and power fluctuations may cause the Digital SmartBox to reset or reboot.

My Digital SmartBox does not display or loses the Program Guide data

- Try resetting or rebooting the Digital SmartBox:
 - 1 First, press and hold the power button on the face of the Digital SmartBox for about 10 seconds, or until the word BOOT appears on the display.
 - 2 The Digital SmartBox will cycle for a few seconds before the current time is restored. Sometimes the Digital SmartBox will automatically turn itself on once the current time displays. If not, press the power button.
 - 3 A "Passport Now Loading" screen will be shown until the resetting sequence is complete.
 - 4 Once the SmartBox has finished resetting itself, you should be returned to regular program and your problems should be resolved. If not, try resetting the box one more time.

Troubleshooting

If a service call is the only solution, help us serve you better

If you are unable to resolve your problem using these trouble shooting tips, you may need to schedule a service call. Before calling our Customer Service department, check:

- To make sure you subscribe to the service you are not receiving.
- To see if your cable subscription includes the outlet that does not work correctly. Time Warner is responsible only for maintenance and repair for those cable outlets that we installed and that are listed on your account. If an outlet is not listed on the account and want that outlet added, call to have Time Warner Cable install the outlet correctly.
- To ensure that someone age 18 or older will be home at the time of the service call, and will be able to stay for the duration of the visit.

We will call before our technician arrives, so please make sure you provide the correct phone number.

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