

## USING THE PVR FEATURES

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Most satellite TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

The PVR features let *you* decide how to watch TV. You can pause, reverse, or skip back through a program. Then you can go back to watch, fast forward, or skip ahead through the program. Also, you can *record* and *play back* programs with full digital audio and video quality, *without* a VCR.

### AUTO RECORDING

If you get a phone call while you watch a live program, you can pause the program, answer the phone, go back to watch the program, and not miss *any* of the action.

You can pause, reverse, or skip back through a live program. Then you can go back to watch, fast forward, or skip ahead through the program.

You can also use slow motion forward and backward, and frame advance and reverse while using the PVR's auto recording feature.

For more information, please see *Use Auto Recording*.

### ON-DEMAND RECORDING

You can record a program that is on now or a future program to watch later, or you can keep your recording.

You can pause, go back to play, reverse, skip back, fast forward, or skip ahead through a recorded program.

You can also use slow motion forward and backward, and frame advance and reverse while using the PVR's auto recording feature.

You can play back a program you already recorded and record a new program at the *same* time.

### USE AUTO RECORDING

Turn the receiver on and tune it to a channel. Then you can use the remote control's PVR buttons.

**Note:** When you press any one of these buttons, you'll see a small sign on the TV screen.

Press the Pause button to pause the program. Press this button *again* to watch the program from where it paused.



On some TVs, the presence of fixed images for extended periods of time may cause them to be permanently imprinted on the screen. Consult your TV user guide for information on whether this is a problem for your TV, what operating/viewing restrictions apply to avoid this problem, and associated TV warranty coverage.

# User Guide

**Note:** For a “live” program, the on-screen pause timer shows how long you’ve paused the program. If you’ve paused the program more than once, the pause timer shows the *total* time you’ve paused. If you pause after you reverse or forward, the pause timer shows how far you’re behind the “live” program.

Press the Back button *once* to reverse the program four times as fast as normal play. Press the Back button *twice* to reverse at 15 times normal speed, *three times* to reverse at 60 times normal speed, and *four times* to reverse at 300 times normal speed. The on-screen bar shows how far you’ve gone.



Press the Pause button and then press the Back button to reverse the program in slow motion. Press the Back button once to reverse the program 1/4 the speed as normal play. Press the Back button twice to reverse at normal speed.

Press the FWD (“forward”) button *once* to forward the program four times as fast as normal play. Press the FWD button *twice* to forward at 15 times normal speed, *three times* to forward at 60 times normal speed, and four times to forward at 300 times normal speed. The on-screen bar shows how far you’ve gone.



Press the Pause button and then press the FWD button to forward the program in slow motion. When you press the FWD button once the program advances at 1/15 the speed of normal play. Press the FWD button twice to forward at 1/4 as fast as normal play. Press the FWD button three times to play the program.

**Note:** Of course, you *can’t* “forward” into the part of a “live” program that hasn’t been broadcast yet.

Press the Play button to watch the program. Also, press this button to switch from pause, forward, or reverse to play.



Press the Skip Back button to skip back about ten seconds in a recorded program. Press this button *again* to skip back again.



Press the pause button and then press the skip back button to reverse the recording one frame at a time.

Press the SKIP FWD button to skip ahead about 30 seconds in the program. Press this button again to skip ahead again.



Press the pause button and then press SKIP FWD to advance the recording one frame at time.

Press the View tv button to catch up with the program as it’s showing now.

### USE ON-DEMAND RECORDING

Turn the receiver on and tune it to a channel.

**Note:** If you record a locked program while you have the receiver locked, you'll have to enter the password to play back that program.

### START RECORDING A PROGRAM

- *At a program's start*, press the remote control's Record button.
- *If you've watched a program **from its start**, up to about two hours after it's started, you can reverse to its start:*



1. Press the Back button.
2. Let the program reverse to its start.
3. Press the Record button. You'll get *all* of the program on your recording.



**Note:** If you don't tune to a program until *after* it starts, you can record *only* the part of the program that comes *after* you tune to it.

### STOP RECORDING A PROGRAM

- Press the remote control's Stop button.



When you press the Record button, the receiver stops recording at the end of the program. You can use an *Event Timer* to start and stop the recording:



- Use *Quick Record* to set a one-time PVR event timer for a future program.
- Set an *automatic* PVR event timer to record a future program that comes on each day or each week.
- Set a *manual* PVR event timer to make a future recording with start and stop times you set. This lets you record part of a program or a block of several programs, one after the other.

### USE THE PVR EVENTS MENU

Press the PVR button to open the **PVR Events** menu, which shows all of the **PVR Events** recorded on the receiver. You can edit, delete, and protect any event shown on the menu.





- If you hide adult channels and lock the receiver, this menu doesn't list any adult programs by name.
- To review programs you have recorded or have scheduled to record with the PVR features, use this menu.

The **PVR Events** menu shows you:

- A list of recorded events that includes the one you're recording now, if any.  
**Note:** You can sort events either by date or the name of the event.
- **If you select any one of the events on the PVR Events menu** (even an event you're recording), you open an **information menu** for that event.  
**Note:** This is just an example of the information menu. The information menu shows *only* the options for the event you select. For a different event, you'll see different options. You'll see some (not all) of the options we list below. You won't see an option to start recording; to do that, you must press the remote control Record button or set an event timer.
- **Note:** If you record a locked program while you have the receiver locked, you'll have to enter the password to play back that program.

There are several choices you can make from the **PVR Events** screen:

- **Sort** - You can sort your **PVR Events by Alphanumerics, Movies, Series/Specials, Sports, Date, Length, or Protected.**
- **Edit** - You can edit or delete **PVR Events.**
- **Timers** - When you select the **Timers** option, the **Timers** screen opens.

### WHILE PLAYING BACK A RECORDED EVENT

- Press the Pause button to pause the play back. Press this button *again* to go on with the play back.



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- Press the Back button *once* to reverse the program four times as fast as normal play. Press the Back button *twice* to reverse at 15 times normal speed, *three times* to reverse at 60 times normal speed, and *four times* to reverse at 300 times normal speed.
- Press the Pause button and then press the Back button to reverse the program in slow motion. Press the Back button once to reverse the program 1/4 the speed as normal play. Press the Back button twice to reverse at normal speed.
- Press the FWD (“forward”) button *once* to forward the program four times as fast as normal play. Press the FWD button *twice* to forward at 15 times normal speed, *three times* to forward at 60 times normal speed, and *four times* to forward at 300 times normal speed.
- Press the Pause button and then press the FWD button to forward the program in slow motion. When you press the FWD button once the program advances at 1/15 the speed of normal play. Press the FWD button twice to forward at 1/4 as fast as normal play. Press the FWD button three times to play the program.



**Note:** Of course, you can watch *any* part of an event you’ve already recorded.

- Press the Play button to play back or go on with a paused play back. Also, press this button to switch from fast forward or reverse back to normal play back.
- Press the Skip Back button to skip back about ten seconds in the event. Press this button *again* to skip back again.
- Press the pause button and then press the skip back button to reverse the recording one frame at a time.
- Press the SKIP FWD button to skip ahead about 30 seconds in the event. Press this button *again* to skip ahead again.
- Press the pause button and then press the SKIP FWD button to advance the recording one frame at a time.
- Press the Stop button to stop play back.



## PLAY BACK A RECORDED EVENT AND RECORD ANOTHER EVENT

Remote  
Buttons

Menu Options

1. Set up the receiver to make an on-demand recording.

**Note:** You can press the Record button or you can use any kind of event timer *except* a VCR event timer.

2. Press the PVR button. This opens the **PVR Events** menu.



3. Select an event on the **PVR Events** menu (*not* the one you're recording). This opens an information menu for that event.

4. Press the Play button.



## MORE ABOUT THE PVR FEATURES

### AUTO RECORDING

- *Whenever* you turn the receiver on, it's auto recording.
- With auto record, you can record up to *about* two hours of a program. This total recording time applies to auto recording only.
- The receiver needs more room to record programs with more action. So, the total recording time *isn't* exact.
- After *about* two hours, the receiver starts to *record over* its oldest audio and video to have room for new audio and video.
- If one program ends and the next one starts on the *same* channel, the receiver continues to record the next program.
- If you *change* the channel, you *erase* the recorded audio and video, and start recording the new channel.
- These recordings do not show up in the **PVR Events** list.

## ON-DEMAND RECORDING

- On-demand recording works *only* when you set it up.
- The receiver *must* have enough room to record on your receiver:
  - When you make a one-time PVR recording, you can set the receiver to ask you *before* it records over what you record. This is how you “protect” a recorded event. You can protect an event from either TV output.
  - If the receiver needs room to record a new event, it’ll *record over* the oldest “unprotected” recorded event(s) to make room.
  - If the receiver is out of room, and you don’t let it record over any old recorded events, it *won’t* be able to record a new event.
  - To free up space on the receiver, you can erase events by opening the **PVR Events** menu and selecting the **Erase** option. You can erase events from either TV output.

## COPY RECORDINGS TO VIDEOTAPE

You may want to keep a videotape copy of a recording you made on the PVR. Or, if the receiver is out of room, maybe you’ll want to move recordings to a videotape to store them.



Many satellite TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

You will *not* be able to play back events with full digital audio and video quality from a videotape.

**Remote  
Buttons**

**Menu Options**

1. Connect the receiver’s back panel audio/video outputs to the VCR’s audio/video inputs.
2. Put a rewind tape into the VCR.
3. Turn the VCR on.
4. Press the remote control PVR button.  
This opens the **PVR Events** menu.
5. Select an event on the **PVR Events** menu.  
This opens an information menu for that event.
6. Start the VCR to record onto the tape.
7. On the event’s information menu, select the **Start** option. The receiver begins to play back the event.
8. When the play back is done, stop the VCR.

