

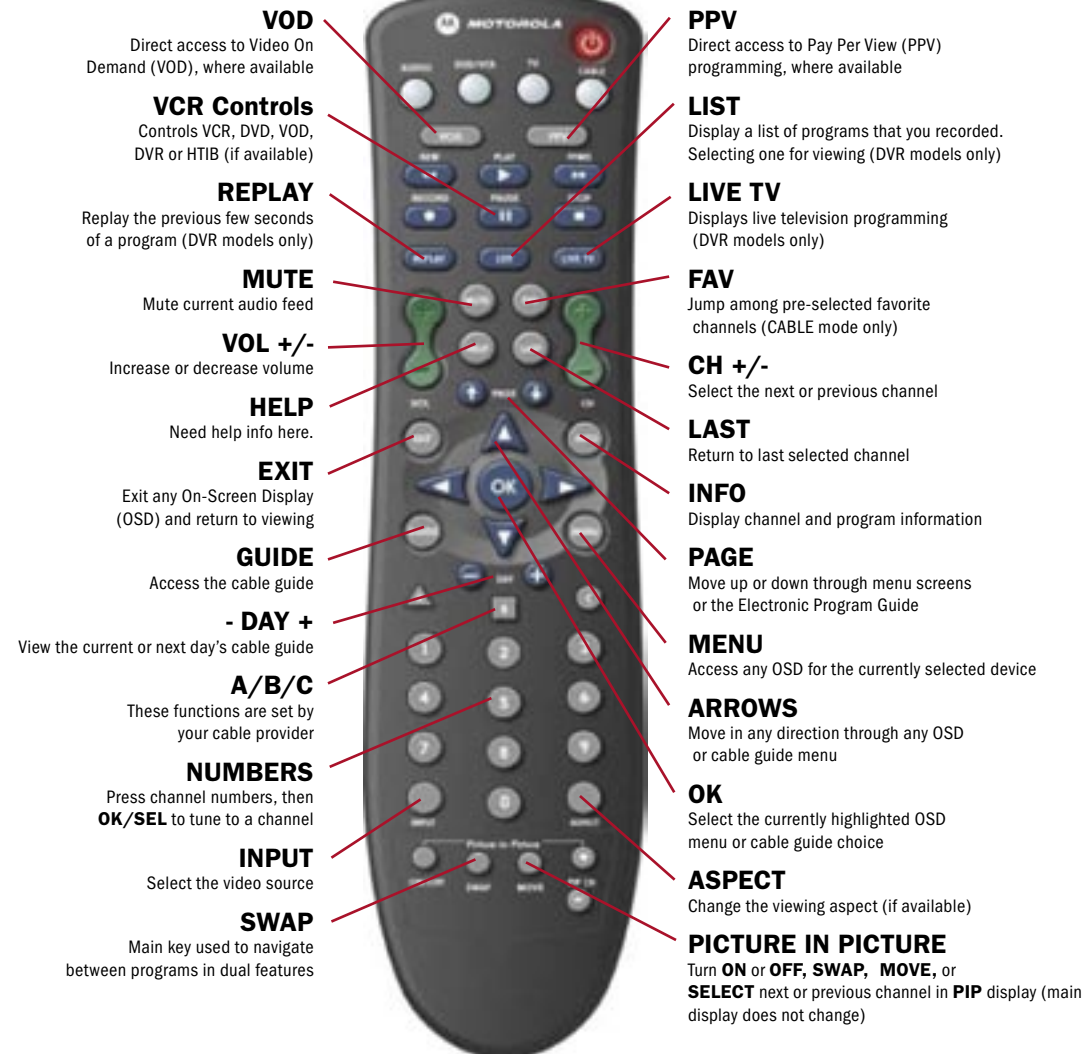
how to DVRGUIDE

Dual Tuner Digital
Video Recorder



Basic Guide Navigation Tips

- **Yellow** is always the highlight color. As you navigate listings using your remote, the highlight appears on screen to indicate your current selection.
- Press the **▲▼◀▶** buttons on your remote to move the highlight.
- Press **OK** to make your selection.
- Press the **EXIT** button on your remote to return to watching TV.



Control Live TV

Using your DVR with TV Guide Interactive, you can control live TV. Anytime you tune to a channel, the DVR begins making a temporary recording of whatever you're watching. So you can **PAUSE** if the phone rings, **REWIND** the scene you missed and **FAST-FORWARD** to skip what you don't want to watch. Your DVR will record up to two hours of live TV**.

The live TV recording is not a permanent recording, unless you actually record it to the DVR's hard drive. For live TV recordings, the temporary recording will be erased if any of the following occur:

- You turn off the DVR
- You change the channel
- You begin recording the program you are watching or another program to the DVR
- You watch more than two hours. After two hours, the DVR removes the earlier minutes of the recording, so that the most recent two hours** are kept in the temporary recording.

*Recording and playback of High Definition programs requires DVR connection to High Definition television.

**Less than two hours for live television broadcast and recorded in high definition.

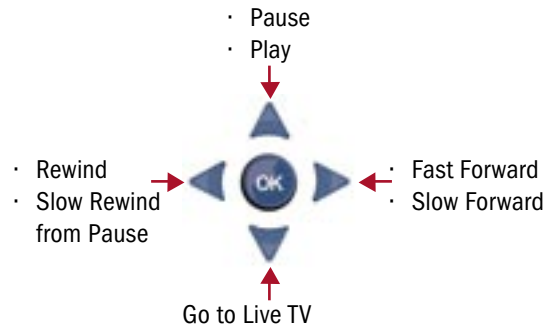
Playback Controls – Using the Video Control Buttons



These buttons work similar to your VCR controls. Plus you have new DVR control features, like Instant Replay

Playback Controls – Using the Remote Control Arrow Buttons

The **▲▼◀▶** buttons on your remote control will also control playback when you are watching a recording-in-progress or while watching a recorded program.



Fast Forward

Press FAST FORWARD to move forward in the program. Press it up to 4 times to increase the fast forward speed. FF, FF2, FF3 and FF4 will appear on screen. FF is the slowest setting and FF4 is the fastest. For programs you are watching live, FAST FORWARD can be activated if you have paused or rewound the program.



* Pause capacity depends on video format; less than two hours for high definition programming.

Slow Motion

Your DVR is equipped with slow-forward and slow-rewind functions to give you crisp and clear slow motion images. Ever wonder what the referees are looking at when they review a controversial play? Use slow motion to get an inside look. To activate slow-forward, press PAUSE and then FAST FORWARD. To use slow-rewind, press PAUSE and then REWIND. To return to regular speed, press PLAY.

Instant Replay

With Instant Replay*, you can go back to see the last play of the game or replay the last scene of your movie. Just press **PAGE ▼** on your remote to replay the last 15 seconds. Press **PAGE ▼** repeatedly to continue skipping back in 15-second increments.

Get Back to Live TV

Anytime you pause or rewind a live program, the show continues to be broadcast in real time. To return to live programming, press the **▼** button*.

*Some remotes are equipped with Instant Replay and LIVE buttons.

Page ▼ - Instant Replay the last 15 seconds of programming.

Pause

As you watch live TV and recorded programs press PAUSE and the video on your TV screen instantly freezes. No more missing the climactic scene of a movie or the winning play of the game! For programs you are watching live, your DVR will remain in pause for up to two hours*. Press PLAY to resume play of the program.



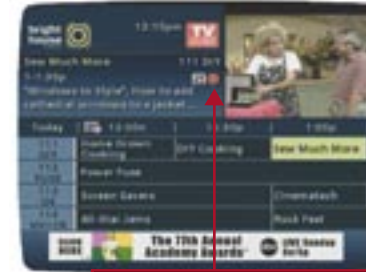
Rewind

Want to review a portion of your live show? It's a snap with DVR. Press REWIND. Press it again up to 4 times to increase the rewind speed. REW, REW2, REW3 and REW4 will appear on screen. REW is the slowest setting and REW4 is the fastest.



Building Your Library - Recording Programs

You can set and schedule recordings three ways with TV Guide Interactive®: **one touch record, interactively by program and by manually scheduling your recording.**



A red dot on screen indicates a recording is scheduled for the program you have highlighted.

One Touch Record

Press RECORD on your remote any time while watching TV or while navigating through the guide. Recording begins immediately at the point you pressed RECORD for programs airing now. You can automatically schedule recordings for programs starting at a later time or date by pressing RECORD while in the listings. Recording is scheduled to start at the program scheduled start time.

Record From Program Information

When you highlight and select a program scheduled at a later time from the listings, you will see an information screen. Highlight the **Action Icon** and press **OK** to start a recording at the time the program is scheduled to start.



Note: For more information on Action Icons, see Action Icon section in this manual.

Schedule a Recording

Step 1: From the Main Menu, select DVR



Step 2: Select Future Recordings.

Step 3: Enter the start and end time for the recording, enter the day to record and select **OK** to confirm.



Step 4: Select the channel you want to record and you're set to go.



To schedule a repeat recording, for example to record multiple episodes of a program, modify the recording options. See next section.

Dual Tuner DVR Functions

The Dual Tuner functions will only work with the **Motorola DRC800** remote. The **Picture-in-Picture** area at the bottom of the remote can access most of the features.

To Record One Program And Watch Another

Step 1: Start with single recording procedures. You should see **REC** in the display window. Use the **SWAP** button to return



to regular programming and change channels to watch whatever you wish.

Step 2: To return to the programming that is recording, use the **SWAP** button.

To Record Two Programs At The Same Time

Step 1: Start with single recording procedures. To record a second program while recording the first, press the **SWAP** button in the **Picture-in-Picture** features at the bottom of the **Motorola DRC800** remote and tune to the second program.

Step 2: Press record to begin recording the second program. To alternate between recording programs, press the **SWAP** button and it will change from one to two and back to one. Both programs will have a red button to show that they are being recorded.

The display on the **DVR** will show **REC** for both channels, it will no longer display the channel or time and a red light shows in the upper right corner of the window.

If you try to go to a third channel (while recording program one and recording program two simultaneously) you will get an error message that recording is in progress and changing the channel will stop the current program from being recorded.

Step 3: Press the **Continue Recording**, don't change channel to Continue Recording or **Stop Recording**, change channel to stop recording the current program you are viewing and change the channel to the new channel.

To Watch A Third Program While Recording Two Different Programs

You cannot watch a third current program while recording two current programs. You can watch a previously recorded program while you are recording two new programs.

Set up the two programs to be recorded as above.

Step 1: Select the program you wish to watch, select **My Recordings**.

Step 2: Select **Resume** or **Restart** from beginning to watch the previously recorded program.

Step 3: To no longer watch the previously recorded program, **Press Stop** and then **Press Return** to **Previous Screen** to go back to current recording program.

To Record Two Programs At Future Times

Follow normal procedures to set up a program to be recorded at a future date.

Step 1: If you are watching another channel, the TV will show that the scheduled program has begun to record and **REC** will show in the **DVR** display window but the **DVR** will not tune to the channel you are recording. It will continue to allow you to view the current channel.

Step 2: To record a second program during this same time, select the program from the guide (or the normal procedure under **Set A Recording**), select the red dot to record the program.

Step 3: Select **Record Program** as planned and the second program will also be recorded.

You will receive a **Scheduling Conflict** anytime that you are trying to record more than two programs at the same time. Follow normal procedures to resolve a scheduling conflict.

Managing Scheduling Conflicts

If you try to schedule a recording that overlaps another scheduled recording time, you will see a **Scheduling Conflict Message**. Use the icons to decide which program to record.



- To keep the new recording and remove the old one.

- To keep the old recording and cancel the new one.

View Your List of Scheduled Recordings

Step 1: From the **Main Menu**, select **DVR**



Step 2: Select **Future Recordings**.



Step 3: See a list of your scheduled recordings. Select a title to cancel the scheduled recording or modify recording options.



Modifying Recording Options

TV Guide Interactive[®] gives you flexibility to manage your personal video library. You can change your recording options at any time, as often as you like.

Change Options for Scheduled Recordings From the Main Menu

Select **DVR**. Select **Future Recordings** to see a list of your future recordings. Highlight a program title and press **OK** or **INFO**.



Select to change the **Recording Options**, or select to delete this program from your list of **Future Recordings**.



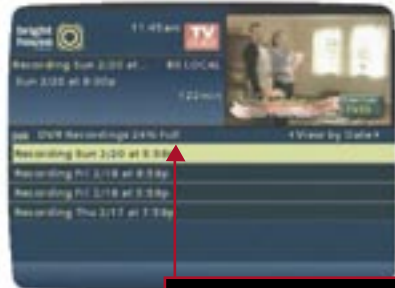
Use the buttons on your remote to change Recording Options:

- Change the frequency of the recording, such as every day or once a week.
- Specify how many recordings to save.
- Set a "Save Until" parameter, either until you delete, or automatically when space is needed.
- Change the start and end times so that you catch every minute of a program, even if it runs over.



View Programs Stored In Your Personal Video Library

Step 1: From the Main Menu, select DVR then **My Recordings**. Use the ▲▼ buttons on your remote to search through and highlight titles from your list of recorded programs. Press **OK** to select the program.



You can always see how much disk space is occupied.

Step 2: From the information screen, select ▶ to resume Play from where you left off or select ⏮ to restart from the beginning.



Guide Symbols to Know: Recorded Program Information Screens

- ⏮ - Go back to the previous screen.
- ✕ - Delete the program.
- ▶ - Play the recording
- ⓘ - Change the Delete Priority Rule
- ⏮ - Start the recording from the beginning.

Step 3: To control playback while watching your recorded program, use either the video control buttons or the arrow buttons on your remote. See the Playback Control section for more information.

Managing Your Personal Video Library

A recorded program remains in your personal video library until you decide to delete it. Your DVR will record and store up to 25 hours of standard definition programming and up to 10 hours of High Definition programming*. To make the most efficient use of DVR storage space, follow these guidelines:

To Delete Recordings

From the program information screen, select the ✕ icon to delete the recording, or select the ⓘ icon to modify the Delete Priority. For example, you can tell the guide to delete the recording when space is needed.



To help you manage your personal video library, TV Guide Interactive will advise you with an on-screen notice when the available memory gets low or full.

If recording space becomes full during a recording, the recording will stop. Make sure you have enough recording space to record the entire program before you begin to avoid missing part of the program.



Frequently Asked Questions

DVR and Digital Services

Q. I have a home theater system. Can I record a program in Dolby Digital 5.1?

A. As long as the program is being broadcast in Digital Audio, the DVR will record the digital audio portion. A Dolby Digital indicator will appear on the Flip Bar for programs that are broadcast in Dolby audio.

Q. Can I receive and record programs in high-definition with my DVR?

A. Yes! As long as you have the DVR connected to a high-definition television (HDTV), you can watch HDTV programming as well as record it on your DVR.

Q. What is the picture quality of recorded programs?

A. The DVR records programs in the same quality they are broadcast. For example, programs broadcast in HDTV format are recorded in HDTV quality (if you DVR is connected to a High Definition television.) Broadcast quality may vary.

Q. Can I record Digital Music channels?

A. Yes, you can record and playback Digital Music. However, currently the playback controls (Pause, FF and REW) are not functional for recorded digital music.

Q. Can I record Video On Demand and Pay Per View programs?

A. Video on Demand cannot be recorded with the DVR. You may record Pay Per View programs like any other program.

Recording and Playback of Recorded Programs

Q. How many recordings can I schedule for the future?

A. There is no limit to the number of recordings you can schedule as long as you do not schedule more than two programs to record at the same time and as long as you have available recording space.

Q. What if the program I want to record runs over its scheduled airtime such as when a football game goes into overtime. How can I make sure I record everything?

A. Change the record options for the program. Just adjust the start and end times for the recording to make sure everything gets recorded.

Q. Can I watch a show I am recording before recording is completed?

A. Yes! You can either watch it in “real time” as it’s being recorded or you can rewind the program you are currently recording and watch it from the beginning while the recording continues.

Q. Can I make a VHS tape of a recorded program?

A. Yes. As you are watching a program you have recorded on your DVR, you can record it to a tape.

Q. Can I increase the Rewind and Fast Forward speed?

A. Yes! Your DVR will control rewind and fast-forward at four speeds. Just press the REW or FF buttons up to four times. The on-screen indicator will tell you at what speed you are controlling playback.

Q. Can I set the DVR to skip commercials as it is recording?

A. No. You can only fast forward through commercials if you’re watching a previously recorded program.

Q. Can I “bookmark” a program I have recorded?

A. Yes! When you stop playback of a recorded program, it is still saved in My Recordings. To go back and resume play select the program and you can either play from where you left off or restart the program from the beginning using the Action Icons from the program information screen.

Q. On occasion, a recording starts a minute or two after the program has begun. Why?

A. The DVR timer is synchronized with the program guide. If a broadcaster starts the program a minute earlier than the program guide’s scheduled time, the DVR will miss that first minute. You can program the DVR to start early by adjusting your Recording Options.

Q. Only part of my program recorded. Why?

A. If the beginning of the program did not record, you may have turned to it after the program began. If the end of the program did not record, the DVR may have reached its storage capacity before it was able to record the entire program.