

Note: This guide does not cover the new OnePass feature.

For information on OnePass and other new features,
see the **TiVo Roamio Viewer's Guide** or watch the **instructional videos**
available at tivo.com/howto.

TiVo® Mini DVR Companion

Viewer's Guide



Glossary of icons

My Shows

These icons appear next to shows in the **the** My Shows list. You'll see a My Shows list when you're connected to a host TiVo® DVR.



(Green) This show will be saved until you delete it.



(Yellow circle) In less than three days, this show may be deleted to make room for other recordings you have requested, but only if space is needed.



(Yellow circle with exclamation point) In less than one day, this show may be deleted to make room for other recordings you have requested, but only if space is needed.



(Yellow triangle) In less than three days, this show **will** be deleted due to copyright restrictions.



(Yellow triangle with exclamation mark) In less than one day, this show **will** be deleted due to copyright restrictions.



(Red) This show is currently being recorded.



(Blue) This show is currently downloading or transferring.



Plain folder – contains more than one episode of the same series.



Folder with red or blue dot – contains a show that is currently recording (red) or downloading/transferring (blue).



Folder with white star – contains one or more shows recorded by a WishList® search.



Folder with Thumbs Up – contains all shows recorded as TiVo Suggestions.



This show is a TiVo Suggestion. TiVo Suggestions are recorded only if space is available, and are the first to be deleted when space is needed.



TiVo box – for a TiVo box connected to your network.



Welcome

This *Viewer's Guide* describes features of the TiVo® service running on the TiVo® Mini DVR companion.

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Using this guide

Thank you for choosing the high-definition TiVo® Mini DVR companion. With the TiVo Mini, you can watch live TV, search and browse for shows, watch shows saved on TiVo Premiere DVRs in your home network, enjoy video on demand, and more!

Getting started:

1. **Activate the TiVo service.** The TiVo service is what makes your TiVo Mini smart. Some TiVo Minis come with the TiVo service already activated. If yours did not, and if you haven't yet activated your TiVo service, visit tivo.com/activate or call 1-877-367-8486.

TiVo service is required and is sold separately. No functionality is represented or should be expected without a paid subscription to the TiVo service.
2. **Connect your TiVo Mini.** If the TiVo service is the brains, the TiVo Mini is the body. Use the *Start Here* poster to connect the TiVo Mini to your home network and your television.
3. **Complete Guided Setup.** After connecting your TiVo Mini, follow the steps in on-screen Guided Setup. This configures the TiVo Mini for your home, and ensures you have the latest product updates.

4. **Take a tour!** Once you're done with Guided Setup, the **Quick tours** in Chapter 1 of this guide will introduce you to some of the great things you can do with your Mini.
5. **Visit tivo.com/howto.** That's where you'll find even more step-by-step instructions on everything your TiVo box can do. Plus, whenever your box receives an update from the TiVo service that contain new features, you'll find instructions for using them at tivo.com/howto.

Basic terms

When we talk about the TiVo service, here are some terms you should know:

Streaming. With the TiVo Mini, you can stream recorded shows or live TV from a TiVo Premiere series DVR in your network or from other broadband sources.

Host. When you stream shows or live TV to the TiVo Mini from a TiVo Premiere series DVR, the TiVo DVR is the "host." Any TiVo Premiere series DVR on your home network can serve as a host. If you have more than one DVR in your home, you'll choose which one to use as a default host during Guided Setup. You can change the default host at any time. See "Connecting to a host TiVo DVR" on page 47 to learn more.

Wired connection. Your TiVo Mini must connect to your home network through a wired Ethernet or MoCA connection.

- **Ethernet.** To use this connection method, simply plug an Ethernet cable connected to your home network into your TiVo Mini.
- **MoCA®.** A MoCA (pronounced “Mocha,” like the chocolate-flavored coffee drink!) connection is a great option if you don’t have easy access to a wired Ethernet cable. MoCA, which stands for Multimedia over Coax, delivers the same high-speed network connection you get through an Ethernet cable, but delivers it through your existing coax wire (the wire you use to receive cable TV). When you set up MoCA in your home, your TiVo box will receive cable TV and connect to your home network through that one cable! Just follow the instructions you’ll find at tivo.com/moca, and you’ll be ready to go in no time.

For more details on connecting to your home network, see the *Start Here* poster that came with your TiVo box.

TiVo service. The TiVo Mini uses the program information provided by the TiVo service to power the program guide, allow you to search for shows, and more. Your Mini will not work without the TiVo service.

Tuner. A tuner is a device found inside set top boxes, DVRs, TVs — anything designed to receive TV signals. A tuner is what lets you watch a specific channel or video on demand show. It

picks a show or channel to display; and it “tunes” to it. Your TiVo Mini does not have its own tuner inside. Instead, when you want to watch TV or video on demand, your TiVo Mini “borrows” a tuner from the host DVR. You’ll choose a host DVR and set it up to share a tuner with your TiVo Mini when you go through Guided Setup.

Quick tours



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Quick tour - The TiVo Central® screen

Your starting point - the TiVo Central screen



The TiVo Central screen is the starting point for just about everything you do with your TiVo® Mini. From the TiVo Central screen, you can find new shows to watch, explore great video on demand choices, and more. When your TiVo Mini is connected to a host TiVo DVR, you can also watch live TV and view your My Shows list — a list of all the shows available for streaming to your TiVo Mini!

To get to the TiVo Central screen from live TV or any TiVo screen, just press the TiVo  button on your remote control.

Discovery Bar



The Discovery Bar is the bar of thumbnail images across the top of the TiVo Central screen and many other TiVo menu screens. What you'll see in the Discovery Bar depends on you! Often, the Discovery Bar displays ideas for show you might like based on what shows you record and mark as your favorites. For example, if you record the show “American Idol,” the Discovery Bar might display thumbnails for other shows, like “So You Think You Can Dance.” It all depends on what you're interested in and what's available to you.

The Discovery Bar also displays lots of other great viewing options: popular shows or sports events that are playing on live TV, items from your My Shows list, TiVo Suggestions, and more!

Press the UP arrow to move up to the Discovery Bar, then the LEFT and RIGHT arrows to move around. Press SELECT on an image that interests you to open an information screen about that item.

Quick tour - My Shows

When your TiVo Mini is connected to a host TiVo DVR, all the shows recorded on the host DVR that are available to watch on your TiVo Mini appear on the My Shows list. That includes recordings, video podcasts, and downloaded shows!

You can also see the My Shows lists of any other DVR on your home network. Just press the DOWN arrow on your remote control until you see the DVR you want. Highlight it and press SELECT to see that DVR's My Shows list. Doing this doesn't change your host DVR; it just lets you see the My Shows lists on other DVRs in your house. To return to the original My Shows list, just press the TiVo button, and then select 'My Shows.' To learn how to change your host DVR, see "Connecting to a host TiVo DVR" on page 47.

Watching (streaming) shows

Highlight any title in the My Shows list (even a show that's still recording) and press PLAY. The show will begin streaming from your host TiVo DVR to your TiVo Mini! If the show is paused or partially viewed, you can choose to start playing the show from where it was paused, or from the beginning. That means that you can start watching a show in one room, and finish in another!

While you're watching a show, you can:

- Press the PAUSE  button to pause the show.
- Press REWIND  to go back. Press REWIND a second time to rewind faster, and a third time to go at triple speed. Press PLAY at any time to return to normal speed.



 Icons to the left of the show's title in My Shows tell you the recording's current status. See the Glossary of Icons on the inside front cover for details.

- Press FAST FORWARD  to scan forward. Press FAST FORWARD a second time to rewind faster, and a third time to go at triple speed. Press PLAY at any time to return to normal speed.
- Press REPLAY  to jumps back 8 seconds — useful for when you miss a great sports play or a bit of dialog, or for when you fast forward too far. Or, press and hold REPLAY to jump back to the beginning of a show.
- Press ADVANCE  to jump forward 30 seconds. Or, press and hold ADVANCE to jump to the end of a show.

Deleting shows

To delete an individual show or a group, highlight the show or group name and press CLEAR. Note that deleting a show on your TiVo Mini will delete it from the host TiVo DVR.

Sorting shows

You can view My Shows either alphabetically by title (from A to Z) or by date recorded. Press the blue  button on your TiVo remote to change how the list is sorted. Press it again to switch back.

Grouping shows

When Groups are on, shows are organized into folders, and a number in parentheses to the right of each folder shows how many shows it contains. If you've recorded several episodes of the same show, they can all be collected into a group. You'll also see groups for HD recordings, TiVo Suggestions (if you have auto-recording of Suggestions turned on), and auto-recording WishList® searches.

Groups are on by default. To turn them off, press the red **C** button on your TiVo remote to turn groups off. Press it again to turn Groups back on.

Even if Groups are turned off, you'll see the Recently Deleted group at the bottom of the My Shows list. Shows you delete go to the Recently Deleted group, where they remain until space is needed for new recordings.

A show's title may appear in more than one group, even though there is only one recording of the show. For example, you might have several episodes of a show in that show's group, and the same titles in the HD Recordings group, which includes all shows recorded in HD. When you delete a show in one group, the title also disappears from any other group.

When your shows are grouped, you can highlight the group name and press PLAY to play all of the shows in the group in sequence, beginning with the oldest.

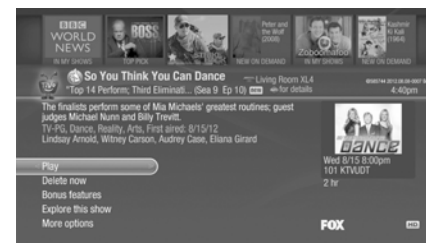
Program information

You can highlight any show in My Shows and press SELECT to see the program details screen, which offers these options:

- **Play** (or **Resume playing** if you're returning to a partially watched show).
- **Delete now** (or **Stop recording** if recording is in progress).
- **Bonus features** Watch YouTube™ videos related to the show and more.
- **Explore this show** Find details about the show, including information about upcoming episodes and cast members.
- **More options** Choose how long to keep a recording, or get modify a Season Pass® recording of a series.



Deleted shows go to the Recently Deleted group, where they remain until space is needed for new recordings.





Before you begin, take a few moments to make sure the TiVo Mini's video settings are optimized for your TV. From the TiVo Central screen, select 'Settings & Messages', then 'Settings', then 'Video.' See page 22 for more information.



Quick tour - Watching live TV

When you're watching a show as it's broadcast, you're watching live TV. Press the LIVE TV button to go to live TV from any TiVo screen. Remember, your TiVo Mini must be connected to a host TiVo DVR, and the host must be set up to allow live TV on your Mini. For instructions on setting up your host DVR, see "Watching live TV" on page 48.

Moving around in time

1. First, press the PAUSE button. You can pause live TV for up to 30 minutes.

When you pause live TV, you see a status bar showing a one-hour period. The green



segment shows the portion of the hour that has been saved by your host TiVo DVR. The white line marks your current point in time. When the white line is back in the green segment, you're "behind" live TV.

2. Press PLAY to continue watching the show. Next, press REWIND and the show rewinds. Press REWIND a second time to rewind faster, and a third time to go at triple speed. Press PLAY at any time to return to normal speed.
3. Press PAUSE again, and, with the show paused, press FAST FORWARD to move a small step forward. Press REWIND to move a small step back. Press PLAY to resume watching at normal speed.
4. Press the REPLAY button. The show jumps back 8 seconds — useful for when you miss a great sports play or a bit of dialog, or for when you fast forward too far.
5. Press REPLAY again, then immediately press SLOW to see your own slow-motion replay.

6. Press the ADVANCE  button. You'll instantly move forward 30 seconds.
7. Press and hold the ADVANCE  button and presto! You're caught up to live TV.
8. Press and hold the REPLAY  button to skip back to the beginning of the saved portion.

Changing channels

To move one channel at a time, press CHANNEL UP/DOWN  on the TiVo remote.

To go to a specific channel, use the numbers on your remote control, then press ENTER. (If you don't press ENTER, the channel changes automatically after a few seconds.) To jump back to the previous channel on the same tuner, press ENTER again.

Tired of channel surfing? Press GUIDE to display the program guide. Highlight any show and press SELECT. If the show is currently on, the channel changes. If the show is on later, you'll see options to record it. Learn more on page 14.



Quick tours

Finding shows

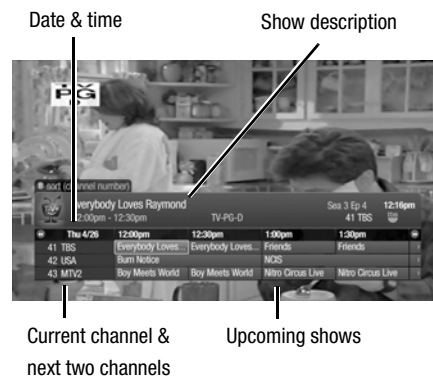
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TiVo Live Guide



Mini-Guide



Using the Guide to find shows

The on-screen program guide displays up to two weeks of TV programming at the touch of a button — the GUIDE button on your TiVo remote. You can choose to display the guide as a grid, or use the TiVo Live Guide. When you're viewing the guide, press the **A** button to display Guide Options and choose the view you want.

The mini-guide is a smaller version of the program guide. It shows you what's coming up on the channel you're watching and the next two channels. Press SELECT while watching live TV to bring up the mini-guide.

In the grid guide, TiVo Live Guide, and mini guide, new shows are marked with a NEW icon. Shows that are currently recording have a red circle icon next to the title, while shows that are scheduled to record are marked with a check mark (for individual shows) or double check mark (for Season Pass recordings.)

To move around in the guides (TiVo Live Guide, grid guide, or mini-guide):

- Press FAST FORWARD to move the displayed time ahead one half-hour at a time, or press REWIND to move it backward.
- Press ADVANCE to jump 24 hours ahead, or REPLAY to jump 24 hours back.
- Press SELECT on a show in progress, and the channel changes to that show. Press RECORD to record it.
- Press SELECT on an upcoming show, and you'll see a screen with recording options. Set up your recording or press LEFT to go back to the guide.
- Don't see what you're looking for? Press ENTER while viewing the full program guide to jump directly to the Search screen.

Choosing channels for the guide

You can use the Guide Options screen to choose which channels to display in the guide.

All Display all channels available from your service provider, even channels you don't receive.

My Channels Display only the channels that are checked in the hosts's Channel List (recommended).

Favorites Display only the channels you rated as your favorites in the host's Channel List.



Press the **C** button on your remote to filter the type of episodes displayed in your results: choose from 'All,' 'Available,' and 'Free.'

Finding & recording shows

It's easy to find shows by searching or browsing. The TiVo service searches upcoming shows and movies available on TV or video on demand. And once you find something you like, you can choose to record it on your host DVR!

Searching for shows (and more!)

Search by show title, episode title, show description, or person name (actor, director, etc.). The TiVo service searches upcoming TV shows and movies, web videos, and video on demand offerings all at the same time. You can even search for a particular channel by its network name or call sign (e.g., NBC or ESPN).

1. From the TiVo Central[®] screen, select 'Find TV, Movies, & Videos,' then choose 'Search.'
2. Use the letter grid to spell out the title, person, or word you're looking for. Press the arrow buttons to move around, then press SELECT on each letter you want. As you select letters, a list of possible matches sorted by popularity appears on the right. For example, if you enter the letters HOW, you might see matches for the TV show "How I Met Your Mother," the video on demand movie "How To Lose A Guy In Ten Days," and the director Ron Howard. Results are sorted by popularity, with better matches higher in the list.
3. Keep selecting letters until you see what you're searching for. If you make a mistake, you can press CLEAR to erase everything, or REWIND  to erase one letter at a time. Insert a space by pressing FAST FORWARD .
4. Use the RIGHT arrow to highlight the show or person name, and press SELECT to view the information screen.

- For a show, select 'Get this show' to record the next showing or to set up a Season Pass® recording on your host DVR. From the information screen, you can also view upcoming episodes or an episode guide, learn more about cast members, and access bonus features!

Browsing TV & movies

Browse specific categories of TV shows and movies.

- From the TiVo Central screen, select 'Find TV, Movies, & Videos,' then choose 'Browse TV & Movies.' You'll be able to browse for shows using any of the following:

Collections Browse shows that are grouped by related subject matter, like holiday movies or trendy topics.

Movies Browse movies that are available either on channels you receive or from video on demand.

TV Browse upcoming TV shows that are available either on channels you receive or from video on demand.

Sports Browse upcoming sporting events that are available either on channels you receive or from video on demand.

Available From... Choose a video provider, or a featured channel or network, and browse its shows.





Setting a show's recording options

Recording options let you customize each recording, so you always get the results you want. You can set recording options when you first schedule a recording for the host DVR.

1. From the Guide, select an upcoming show, then choose 'Season Pass & Other Options.' From search results, select the show, then choose 'Get this show.'
2. Highlight either 'Get a Season Pass' or 'Record next episode.' Then press the RIGHT arrow to highlight 'Options' and press SELECT.
3. On the Recording Options screen, use the UP/DOWN arrows to highlight an option, then the RIGHT and LEFT arrows to change the setting. Recording Options include:
 - **Time & Channel** Choose the time and channel on which to record the show, when more than one option is available.
 - **Channel** Choose the channel on which to record the show, when more than one channel is available. (This option is available only for a repeating recording like a Season Pass recording.)
 - **Keep At Most** Set the maximum number of episodes to be saved. (This option is available only for a repeating recording like a Season Pass.)
 - **Record** Skip reruns or watch them all? Choose 'New only' to avoid reruns, or 'New & repeats' to get every episode. (This option is available only for a repeating recording like a Season Pass recording.)
 - **Keep Until** Choose how long to keep a show (or each episode of a repeating recording) on the host DVR. 'Space needed' is the default setting, or choose 'Until I delete' and your host TiVo DVR won't delete this episode to record something new.

- **Start Recording** Start recording up to ten minutes before a show is scheduled to begin. (This option is available only before recording starts.)
 - **Stop Recording** Set a recording to continue — for a few minutes or up to three hours — after it's scheduled to end. You can change this setting when you set up the recording, or while the recording is in progress.
4. When you're finished, press SELECT or highlight 'Record show with these options.'

Recommended shows

With all the programming available to your TiVo Mini, sometimes you might want show recommendations. The TiVo service is here to help: the Discovery Bar, and Collections put a variety of recommendations at your fingertips.

The Discovery Bar

The Discovery Bar appears at the top of most TiVo screens. What you'll see in the Discovery Bar depends on you! Often, Discovery Bar displays ideas for show you might like based on what shows you record and mark as your favorites. For example, if you record the show "American Idol," the Discovery Bar might display thumbnails for other shows, like "So You Think You Can Dance." It all depends on what you're interested in and what's available to you.

The Discovery Bar is also displays lots of other great viewing options: popular shows or sports events that are playing on live TV, items from your My Shows list, TiVo Suggestions, new video on demand shows, and more!

Collections

For more ideas, browse collections, or groups of shows on related subject matter recommended by the TiVo service, partners, or video providers. Find Collections by choosing 'Find TV, movies, & videos' from the TiVo Central screen, then choose 'Browse TV & movies,' then 'Collections.'

When viewing a collection, press the **A** button on your remote control to see options, or the **B** button to change the sort order (choose between sorting by name or sorting by the order determined by the TiVo service).



TiVo Suggestions

On TiVo DVRs, you can rate any show — whether it's live, recorded, or listed in the program guide — by pressing the THUMBS UP  or THUMBS DOWN  button on your remote. You can give a show up to three Thumbs Up (great!) or three Thumbs Down (terrible!). TiVo Suggestions uses these ratings to create a list of shows you might like. The more shows you rate over time, the better TiVo Suggestions will get at finding interesting shows for you.

When your host TiVo DVR is set up to automatically record TiVo Suggestions, you can watch them from your TiVo Mini. These recorded suggestions appear in the My Shows list, in a folder called 'TiVo Suggestions.' You can watch, save, or delete them just like any other shows.

Watching shows



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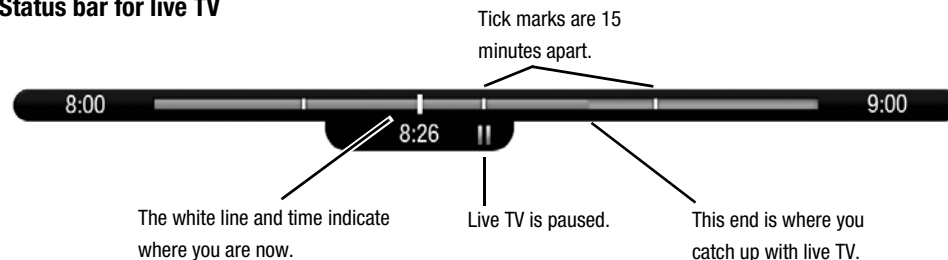
Moving around with the status bar

In general, watching shows works the same whether you're watching live TV or streaming shows. You can always press PLAY, PAUSE, FAST FORWARD, and REWIND to display a status bar and move around in the show.

- In live TV, the status bar represents one hour and the white tick marks are 15 minutes apart.

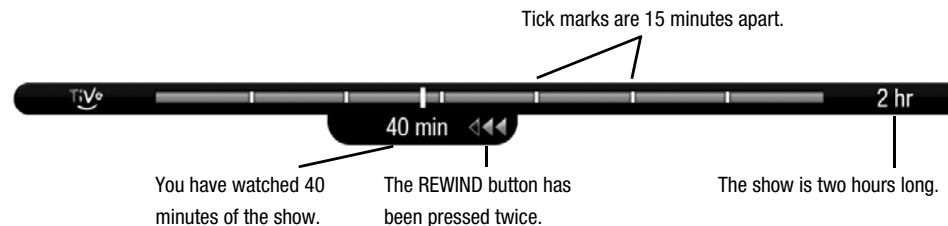


Status bar for live TV



- In streaming shows, the bar shows the program's length. The tick marks are 15 minutes apart (further apart for a longer show).

Status bar for a two-hour recording



Getting information with the channel banner

The channel banner displays the show's title, description, ratings, and other information. It appears whenever you change the channel. To view the channel banner while watching a show, press INFO.

The channel banner can be displayed in three different sizes. Press the RIGHT arrow to cycle through the sizes of the channel banner. Press the LEFT arrow or CLEAR to hide it.

Icons in the large version of the channel banner are shortcuts to corresponding features. Use the UP/DOWN arrows in the large channel banner to highlight an icon, then press SELECT.



Now Playing Gives you information about the show you're currently watching.



Audio Select this icon for alternate audio tracks, if available. See page 24 for more on audio settings.



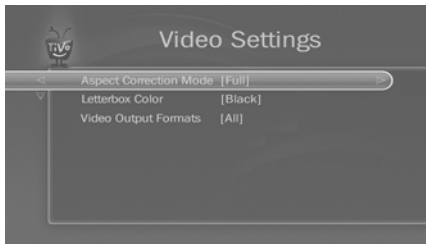
Dolby® Digital audio The Dolby Digital audio icon indicates that a digital audio track is available.



Closed Caption Toggle closed captioning on or off.

Customizing your video, audio, and display

You can customize your TiVo® Mini to display your shows exactly the way you like to watch them using the choices available from the Settings menu. To view Settings, from the TiVo Central® screen, choose ‘Settings & Messages,’ then ‘Settings.’ The settings for Audio, Video, Displays, and Channels all affect how you find and watch shows.



Video settings

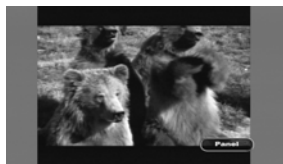
From the TiVo Central screen, choose ‘Settings & Messages,’ then ‘Settings,’ then ‘Video’ to customize your TiVo Mini’s video settings.

Aspect correction mode

Aspect correction is applied when the aspect ratio of the show you’re watching doesn’t match the aspect ratio of your TV. If different aspect ratios are supported on your television, use the Aspect Correction Mode settings screen to choose from the following options:



In **FULL** mode, the picture is stretched to fill the TV screen, which may result in some distortion. In the picture of the bears shown here, notice that black bars appear at the top and bottom of the screen, and the bears look a bit squished. Since the Aspect Correction is Full, you know that the letterbox bars are included in the broadcast.



In **PANEL** mode, side bars are added to the picture to fill the screen, preserving the broadcast aspect ratio. This is useful if you're watching a show broadcast in 4:3 on a 16:9 TV, or vice-versa. In the picture of the bears, notice that the bears no longer look squished, but the picture size is dramatically decreased.



In **ZOOM** mode, the picture is stretched without distortion. The edges of the picture are cropped to fit the TV screen. This mode is useful if you're watching a show broadcast with letterbox bars or side bars. Zoom mode crops the letterbox bars out of the picture. The picture of the bears looks best in Zoom mode.

Letterbox color

Choose which color the TiVo Mini should use when it adds letterbox or side bars to the picture: gray or black. Changing the color of the bars can be useful if you're trying to determine whether bars on the screen are being added by the TiVo Mini or by the broadcaster.

Video output formats

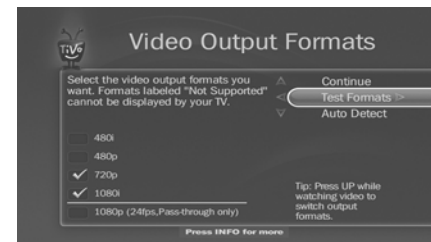
TV shows are broadcast in a variety of formats, and TV equipment receives and displays video in a variety of formats. For any given show, the format in which a show is broadcast may or may not match a format that your TV is capable of displaying.

The TiVo Mini receives video signals in any of the five broadcast formats (1080i, 1080p, 720p, 480p and 480i). If you are using an HDMI® cable to connect your TiVo Mini to your television, the TiVo Mini will automatically set the optimal video output format for your TV.

You might want to experiment with all the different video formats that your TV and the TiVo Mini support. You may find that some formats are better suited to certain shows than others.



Letterbox is used to fit a 16 x 9 show on a 4:3 screen, and sidebars are used to fit a 4:3 show on a 16:9 screen.



The Video Output Formats screen allows you to test and set the video output format manually. Select ‘Test Formats’ and then follow the on-screen prompts to test which formats your television can display. The supported formats will be automatically selected in the list of available video formats.

If you are using an HDMI cable to connect your TiVo Mini to your TV, you can also set the output format to the optimal format for your TV by selecting ‘Auto Detect’ from the Video Output Formats screen.

For best results, select only the highest resolution output up to 1080i supported by your TV. If your TV also supports 1080p, select that option too. (If other options are checked, un-check them.)

Audio settings

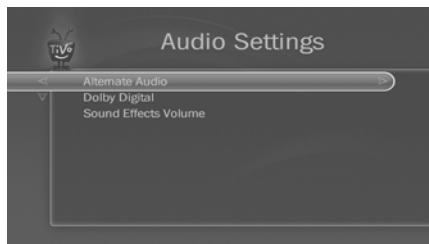
From the TiVo Central screen, choose ‘Settings & Messages,’ then ‘Settings,’ then ‘Audio’ to customize audio settings.

Alternate audio

Some shows are broadcast with more than one audio track, such as alternate language tracks. When alternate audio tracks are available, you’ll see a bright alternate audio icon in the channel banner: .

The **Default Audio Language** setting lets you choose the audio language track for upcoming shows that have multiple language tracks.

The **Default Audio Program** setting lets you choose to have the default audio program in stereo or mono, or to play the secondary audio program (SAP) when it is available.



Dolby® Audio

If you have an A/V receiver or home theater system that supports Dolby Digital audio, use this setting to choose how the TiVo Mini will output digital audio. Check your A/V receiver or home theater system manual for its capabilities.

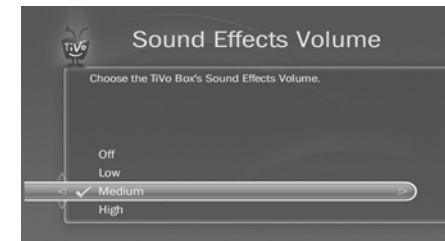
If a show is broadcast with a Dolby Digital audio track, you'll see a dim Dolby Digital icon in the channel banner: . If the icon is bright, alternate digital audio tracks are also available. Select the bright icon for options.

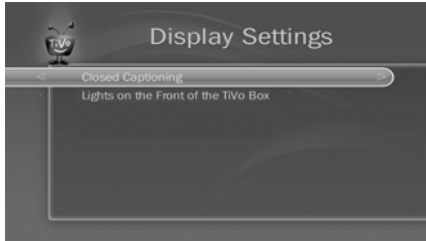
Sound effects volume

Change the volume of or turn off the TiVo Mini's sound effects (the tones played when you press buttons on the remote control). The default is Medium.



When selecting the Dolby Digital to PCM setting, the audio signal will be downmixed from Dolby Digital 5.1 to 2-channel PCM.





Display settings

From the TiVo Central screen, choose ‘Settings & Messages,’ then ‘Settings,’ then ‘Displays’ to customize the display of the channel banner, closed captioning, and the lights on the TiVo Mini.

Closed Captioning Change the way the TiVo Mini displays closed captioning text. Turn closed captioning on or off for all shows, or select the text size, font, text color, and background color that are easiest to for you to read. As you select options, sample text is displayed at the bottom of the screen.

To turn closed captioning on or off while watching a show, press INFO to view the channel banner, and select the closed captioning icon: **CC**.

Lights on the Front of the TiVo Box You can change the display of the lights on the TiVo Mini’s front panel. You can choose to turn the lights on or off. Note that even if you choose to turn the lights off, you’ll still see a light when you press buttons on the remote control.

Parental Controls

Your TiVo Mini helps you make sure your family has access to only those shows you want them to watch.

With Parental Controls, you can set limits on movie and television ratings, lock specific channels, and prevent streaming of recorded shows from a host TiVo DVR that don't match the settings you choose.

Using Parental Controls

From the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Parental' The padlock icon in the channel banner shows the current state of Parental Controls.



Off No password or controls are set. The icon is dim and unlocked.



On Password and controls are set. The icon is bright and locked.



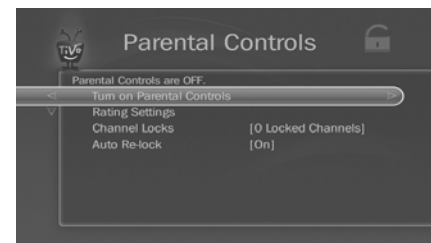
Temporarily Off Controls are set but turned off. The icon is bright and unlocked.

Changing Parental Controls settings

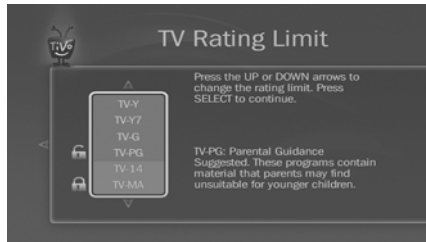
Once Parental Controls are on, you must enter your Parental Controls password to change any Parental Controls settings.

Turn on Parental Controls Use the number buttons on the remote control to enter a four-digit password, then enter the same password again for confirmation.

Turn off Parental Controls Enter the password, and press SELECT. When Parental Controls are off, the password is deleted and anyone can view any shows or watch any channels.



When you turn Parental Controls off, your password is deleted. You may prefer to temporarily turn off Parental Controls, so that another person in your household does not choose a new password.



Temporarily turn off Parental Controls Either enter the password to watch a show or channel, or select ‘Temporarily turn off Parental Controls’ from the Parental Controls screen. When Parental Controls are temporarily turned off, any show or channel can be viewed, but the password is still required to change Parental Controls settings.

Auto Re-lock When Parental Controls are temporarily turned off, they re-lock automatically after four hours of no remote control activity. Parental Controls won't re-lock in the middle of a show. Use this setting to disable Auto Re-lock.

Change the Password While Parental Controls are on, select ‘Change Password’ from the Parental Controls screen. Enter a new password, then re-enter the new password to confirm.

Setting rating limits for TV and movies

Movies originally meant for release to theaters have a different rating system from shows made for TV. Use rating limits to set rules for both rating systems, as well as for specific types of TV content. Select the rating type to change it.

TV/Movie rating limit Ratings shaded in green are not locked; ratings in red are locked. Use the UP/DOWN arrows to adjust which ratings are locked.

Block Unrated Programs Some movies and TV shows are unrated. Use this setting to block all unrated movies or TV shows.

Manage Other Ratings Additional regional ratings may be available.

Locking channels

To prevent viewing of certain channels, go to your host DVR and choose 'Channel Locks' from the Parental Controls screen. Highlight the channel you want to lock or unlock, and press SELECT.

Video on demand

Video-on-demand options

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Photos, music, & apps

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Video-on-demand options

Your TiVo Mini has access to movies, TV shows, and videos from a wide variety of video providers. Below are some of the most popular video providers, but be sure to check tivo.com to see what great new videos might be available for rent or purchase.

Shows and movies from video providers appear in your results when you browse or search the TiVo menus. To customize which video providers appear in your results, go to 'Settings & Messages,' then 'Settings,' then 'My Video Providers.'

XFINITY On Demand*

** Available in select areas. See tivo.com/xfinity to check availability.*

If you're an XFINITY customer with a subscription that includes access to On Demand programming, you have access to XFINITY On Demand through your Mini.

To access the XFINITY On Demand catalogs, select 'Find TV, Movies, & Videos' > 'XFINITY on Demand.'

Search or browse for shows and movies available on XFINITY On Demand from the main XFINITY On Demand page accessed above, or search and browse using the TiVo menus. When you search or browse using the TiVo menus, shows available from XFINITY On Demand display an XFINITY logo on the right side of the screen.

For more instructions on using XFINITY On Demand, including how to control playback of the video you're watching, visit tivo.com/howto and select the "Get Video on Demand" option.

Hulu Plus™

With Hulu Plus on the TiVo service, you can stream TV episodes and movies right to your TiVo Mini, with many titles in HD!

The first time you use Hulu Plus, you'll go through a one-time setup process. Just follow the on-screen instructions. To access Hulu Plus, choose 'Find TV, Movies, & Videos,' then 'Hulu Plus.'

Search or browse for shows and movies available on Hulu Plus from the main Hulu Plus page accessed above, or search and browse using the TiVo menus. When you search or browse using the TiVo menus, shows available from Hulu Plus display a Hulu Plus logo on the right side of the screen.

For more instructions on using Hulu Plus, including how to control playback of the video you're watching, visit tivo.com/howto and select the "Get Video on Demand" option.

YouTube™ videos

Browsing YouTube videos with your TiVo Mini is just as easy as browsing YouTube videos on the Internet.

To watch YouTube videos, choose 'Find TV, Movies, & Videos,' then 'YouTube.'

On the YouTube home page, use the arrow buttons on your TiVo remote to explore the menus. You can browse by channel (categories covering everything from animation, to comedy, to music, and more), search for a particular video, or sign in to see your subscriptions and favorite videos.

Note: A “BACK” option appears on every page except the home page. Select it to back to the previous menu. (Using the LEFT arrow on your remote control will not take you to the previous menu.).

You can also search and browse for YouTube videos using the TiVo menus. When you search or browse using the TiVo menus, shows available from YouTube display a YouTube logo on the right side of the screen.

For more instructions on using YouTube, including how to control playback of the video you’re watching, visit tivo.com/howto and select the “Get Video on Demand” option.

Photos, music, & apps

Your TiVo Mini is really an entire digital home entertainment center, with access to your photos, music, and more!

Photos

You can watch slide shows of the digital photos stored on your PC, connect to your Picasa and Photobucket accounts to view photos stored there, and even watch home movies stored on your PC or Mac right on your TiVo Mini.

From the TiVo Central screen, select 'Music & Photos' for available options.

Music

With your TiVo Mini, you'll have a constant supply of all your favorite music.

Stream music from your PC or Mac. Use the free TiVo Desktop application to stream your MP3 music library from your PC or Mac to any TiVo DVR in your home network.

Use Pandora® Internet Radio. Pandora is a free service that lets you create custom Internet radio stations personalized just for you, playing only the music you love! Just tell Pandora one of your favorite songs, artists, or composers, and it will create a radio station that explores that kind of music. You can even create stations based on genre (rock, pop, dance, show tunes, classical). Pandora plays all your current and old favorites and introduces you to new songs you'll love.

Enjoy the Rhapsody Music service. The Rhapsody Music service gives you unlimited access to a catalog of millions of CD-quality tracks in dozens of genres. Listen to your old favorites and the newest releases — instantly. With a paid subscription, you can log in to your Rhapsody account from your TiVo DVR. You'll have access to the same library of songs

that you see on Rhapsody online. You can even search Rhapsody using your PC or Mac, and have the music available on your TiVo DVR for easy playback through your living room speakers.

Listen to Live365 Internet radio network. Live365 is the world's largest Internet radio network, and its thousands of stations are available to you through your TiVo DVR. From popular hits to specialty programming, Live365 on TiVo offers an easy way to access the incredible variety of radio stations available via the Internet.

To view music options, from the TiVo Central screen, select 'Music & Photos' for available options.

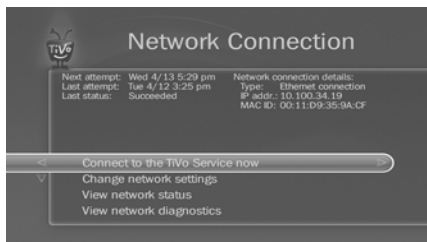
Apps

Apps are additional applications available on your TiVo Mini. Want to buy movie tickets on line? Watch music videos? Just go to TiVo Central and select 'Apps.'

Settings



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Network settings

The TiVo Mini needs a network connection to stream shows from a host TiVo DVR. It also uses a network connection to make regular connections to the TiVo service, where it gets updated program listings, service updates, and other information. The Network screen includes details about the last successful connection to the TiVo service.

From the TiVo Central screen, select ‘Settings & Messages,’ then ‘Settings,’ then ‘Network.’ Options on this screen include:

Connect to the TiVo Service now Normally, you don’t need to select this option — the TiVo Mini connects to the TiVo service automatically every few hours. However, you may need to connect to the TiVo service as a routing troubleshooting step. Select this option to connect to the service. After you start the connection, the status of the connection is displayed. You can watch live TV and search for shows while the connection is in progress.

Change network settings See “Network settings options” below.

View network status Select to review information about your network connection.

View network diagnostics Select to test your connection to the TiVo service and run other diagnostic tests related to your network connection.

Network settings options

The network settings options will vary depending on whether you’re using a wired Ethernet or MoCA connection.

Note: A wireless connection is not supported. You must use a wired Ethernet or MoCA connection with the TiVoMini.

Wired Ethernet network settings

Most of the time, you will not need to configure these settings, as they are usually configured automatically when you first set up your TiVo Mini. However, if necessary, you can use this page to choose how the TiVo Mini receives an IP address, or you can assign a static IP address and other network information manually. Follow the on-screen instructions to configure your wired network.

MoCA settings

A MoCA (pronounced “Mocha,” like the chocolate-flavored coffee drink!) connection is a great option if you want a wired connection to your TiVo box but you don’t have easy access to a wired Ethernet cable. MoCA delivers the same high-speed network connection you get through an Ethernet cable, but delivers it through your existing coax wire (the wire you use to receive cable TV). When you set up MoCA in your home, your TiVo box will receive cable TV and connect to your home network through that one cable!

To learn more about installing and using MoCA, including how to secure your MoCA network, visit tivo.com/moca.

Remote control settings

Some buttons on the TiVo remote are programmable. You have options to control power, volume, and mute on your TV; volume and mute on your A/V receiver (stereo system); and input selection on your TV — all from your TiVo remote!

To program your remote, from the TiVo Central screen, select ‘Settings & Messages,’ then ‘Settings,’ then ‘Remote & Devices,’ then ‘Remote Control Setup.’ Follow the on-screen instructions.

To reset all the programmable buttons:

1. Point the remote away from your TiVo Mini.
2. Press and hold the TV PWR and TiVo buttons simultaneously until the light on the remote lights, and remains lit when you release the buttons.
3. Press THUMBS DOWN three times, then press ENTER.

Advance and Replay buttons

You can customize the behavior of the ADVANCE  and REPLAY  buttons on your TiVo remote; these buttons can be used while watching streaming video or playing Video on Demand.

By default, pressing ADVANCE moves you forward 30 seconds and REPLAY jumps back eight seconds. When you choose this setting, you can press and hold ADVANCE to move to the end of a show, and press and hold REPLAY to move to the beginning.



If you prefer, you can choose to have a press of the ADVANCE button move you to the end of a streaming show. Pressing it again takes you to the beginning of the streaming show. In this mode, the REPLAY button will always skip back eight seconds.



Device settings

From the TiVo Central screen, select ‘Settings & Messages,’ then ‘Settings,’ then ‘Remote & Devices.’

Connected TiVo DVR

Use this setting to change which TiVo DVR this box uses as a host. The TiVo Mini will connect to this DVR for streaming shows, recording new shows, and watching live TV.

Note: You can also watch recorded shows from other DVRs in your household without changing this setting. Just select a DVR from your My Shows list.

Name this TiVo box

Set or change the name of your TiVo Mini. You can choose from a list of suggested names or create your own.

Network remote control

Use this setting to allow computers and mobile devices on your home network to access and control your TiVo Mini.

Messages

From time to time, you may receive messages from the TiVo service. Messages may alert you to new TiVo service features, important TV schedule changes, channel lineup changes, or other information.

When you receive a new message, the TiVo Central screen will display an envelope icon  next to the 'Settings & Messages' menu item.

You can also review both read and unread messages at any time:

1. From the TiVo Central screen, select 'Settings & Messages.'
2. Select 'Messages.' A list of all of your messages appears. Messages you have not yet read are marked with an envelope icon: .
3. Use the UP/DOWN arrows to highlight a message, then press SELECT to read it. Use CHANNEL UP/DOWN to page through a message if it doesn't fit on the screen.





Account & system info

The Account & System Information screen provides information about your TiVo Mini and your TiVo service account. From the TiVo Central screen, select ‘Settings & Messages,’ then ‘Account & System Info.’

System Information You’ll need some of the information provided here if you contact TiVo Customer Support. This screen contains your TiVo service number, TiVo Mini manufacturer, software version, and information about recent connections to the TiVo service. Use the CHANNEL UP/DOWN button to see the rest of the screen.

Media Access Key Your Media Access Key keeps your TiVo Mini secure. Do not share this key with anyone outside your household. You may need to enter this key when you install TiVo Desktop or use other home networking features of your TiVo Mini.

Copyright & Trademarks This screen contains copyright, trademark, and other information related to the TiVo service.

Host Connection Information Provides the name, type, and TiVo service number of both the TiVo Mini and the host DVR.

Restart or reset system

Options on this screen allow you to restart your TiVo Mini, choose TiVo menus, or restore original factory settings. From the TiVo Central screen choose 'Settings & Messages,' then 'Help,' then 'Restart or Reset System.'

Restart the TiVo Box Shuts down the TiVo Mini and starts it up again. You may need to restart your TiVo Mini as a routine troubleshooting step.

Repeat Guided Setup .You must repeat Guided Setup if you move or if you change your cable provider.

Clear & Delete Everything This option restores the TiVo Mini's original factory settings. You should only choose this option if you are instructed to do so by TiVo Customer Support. It clears all program information and setup information, including and Parental Controls. Completing this process may take over an hour.



Operations like Clear & Delete Everything may take over an hour. During this time, it is recommended that you turn off your TV to avoid "burn-in" of static images on sensitive video displays.

Standby

You can put your TiVo Mini in Standby mode by selecting 'Standby' from Settings & Messages. To return to normal mode from Standby, press the TiVo button or the LIVE TV/SWAP button on the remote.

When the TiVo Mini is in Standby:

- Your TV shows a black screen and the lights on the front of the TiVo Mini go out.
- The TiVo Mini will still connect to the TiVo service.
- If you temporarily turned off Parental Controls, Standby mode re-enables them. See page 27 for more on Parental Controls.

Troubleshooting



Getting more info

TiVo is dedicated to providing you with quality information and customer service. Got a question? Here's how you'll always be able to find answers:

1. **Use this chapter.** This chapter contains answers to some of the most common questions customers have while getting started with the TiVo® service.
2. **Use the help screens on your TiVo Mini.** For general troubleshooting, go to the TiVo Central® screen and select 'Settings & Messages,' then 'Help.'
3. **Get how-to information online.** You'll always find the latest information about what you can do with your TiVo Mini online at tivo.com/howto.
4. **Use online support.** Visit TiVo Customer Support online at tivo.com/support.
5. **Call Customer Support.** If you still have questions, contact TiVo Customer Support at 1-877-367-8486 (1-877-FOR-TIVO).

TiVo service

What is the TiVo service?

- Think of TiVo service as the brains behind your TiVo Mini. The TiVo Mini uses the program information provided by the TiVo service to power the program guide, allow you to search for shows, and more.

Channels

I can't go to one of my channels.

- Review the channel list on your host TiVo DVR to make sure all the channels you subscribe to are marked with a yellow check. Compare the channel list to the list of channels in your cable plan.

The TiVo remote control

My TiVo remote control doesn't work with my TiVo Mini.

- Be sure you are using the TiVo Mini's remote control, and that you hold it so that the TiVo button points toward the TiVo Mini.
- Press any button on the remote. Does the light on the remote flash?

- If the light does not flash, make sure the batteries are positioned correctly in the remote. If they are correctly positioned, try a new set of batteries. See the inside back cover of this guide for instructions on installing batteries.
- If the light on the remote does flash, watch the lights on the front of the TiVo Mini. If lights on the front of the TiVo Mini do not respond to the remote, restart the box. For instructions, see “Restarting the TiVo Mini” on page 51.
- You may not have the correct input selected on your TV. Use the Input, Source, or TV/Video button on your TV’s remote to change the input.

My Shows list

The My Shows list is empty.

- When your TiVo Mini is connected to a host TiVo DVR, all the shows recorded on the host TiVo DVR and available to watch on your TiVo Mini appear on the My Shows list. If the My Shows list is empty, either you are not connected to a host DVR or the host DVR has no available recordings. Make sure that the TiVo Mini and the host TiVo DVR are on the same network, that the host TiVo DVR is turned on, and that both the TiVo Mini and the host TiVo Premiere DVR have network connections. To test your the network connection, go to the TiVo Central screen and

select ‘Settings & Messages,’ then ‘Settings,’ then ‘Network,’ then ‘Connect to the TiVo service now.’

Connecting to a host TiVo DVR

How do I connect to a host TiVo DVR?

- You chose a host DVR when your TiVo Mini went through Guided Setup. If you want to change your host DVR, select ‘Settings & Messages,’ then ‘Settings,’ then ‘Remote & Devices.’ Choose ‘Connected TiVo DVR’ to select a new host.

My TiVo Mini can’t find a host TiVo DVR.

- Make sure that the TiVo Mini and the host TiVo DVR are on the same TiVo account, that both boxes are on the same network, that the host TiVo DVR is turned on, and that both the TiVo Mini and the host TiVo DVR have network connections. To test your the network connection, go to the TiVo Central screen and select ‘Settings & Messages,’ then ‘Settings,’ then ‘Network,’ then ‘Connect to the TiVo service now.’

I have more than one TiVo DVR in my home network; how can I change the default host?

- The TiVo DVR you selected during Guided Setup becomes the default host DVR, but you can change the host at any time. From the TiVo Central screen, select ‘Settings & Messages,’ then

‘Settings,’ then ‘Remote & Devices.’ Choose ‘Connected TiVo DVR’ to select a new host.

Watching live TV

I can’t watch live TV.

To watch live TV on your TiVo Mini, you must be connected to a host DVR, and that host DVR must be set up to allow live TV on your Mini.

To make sure that host DVR is set up to allow live TV on your Mini, go to the host’s TiVo Central screen. Then go to ‘Settings & Messages,’ then ‘Settings,’ then ‘Remote, CableCARDS, and Devices.’ Select ‘Allow Live TV on Other Devices’ and select how many tuners you want share. (If you have only one TiVo Mini, you will probably only want to share one tuner.)

Connecting to the TiVo service

You can make a connection with the TiVo service at any time. Go to the TiVo Central screen and select ‘Settings & Messages,’ then ‘Settings,’ then ‘Network,’ then ‘Connect to the TiVo service Now.’

If you can’t connect to the TiVo service, the problem might be in the connection of your TiVo Mini to your home network, or it might be in the connection of your home network to the Internet.

Try to go online and view a website from a computer on the same network as your TiVo Premiere. If you can’t browse the web from your computer, troubleshoot the connection from your home network to the Internet.

If you can browse the Internet from your computer, make sure that all cables going to the TiVo Mini are securely attached. If they are, try restarting the TiVo Mini. For instructions, see “Restarting the TiVo Mini” on page 51.

If you’re still having trouble, contact TiVo Customer Support at 1-877-367-8486 (1-877-FOR-TIVO).

Audio and video

How can I get the best picture quality?

- Make sure you are using the best video output format for your TV. See “Video output formats” on page 23 to learn more.
- Do not connect the unit through a VCR. Video signals fed through VCRs may be affected by copyright protection systems and the picture will be distorted on the television.

How do I get rid of the bars at the top & bottom or sides of the picture?

Letterbox bars (at the top & bottom) and side bars may be added to a show by the broadcaster, by the TiVo Mini, or by your TV. In some

cases, it may be difficult to determine the source of the bars in order to determine how to eliminate them.

- Set the TiVo Mini's Letterbox Color to gray. From 'Settings & Messages,' select 'Settings,' then 'Video,' then 'Letterbox Color.' Since most broadcasters add black bars, making the TiVo Mini bars gray will help you determine the source of the bars.
- Make sure your TV Aspect Ratio is set correctly. From 'Settings & Messages,' select 'Settings,' then 'Video,' then 'TV Aspect Ratio.'
- While watching live TV, use the ZOOM button on the TiVo remote to find an Aspect Correction mode that minimizes the bars. (This may not be supported on all televisions.)
- Check your TV's owner's manual for information about how it may be adding letterbox or side bars to the picture.

The audio and video are out of sync.

- The audio and video may re-sync if you change channels.
- Press the TiVo button to go to the TiVo Central screen, then press the LIVE TV/SWAP button to return to live TV.
- Verify that all your audio and video cable connections are secure. Make sure cables are connected from the OUT jack of one device to the IN jack of the next. Never connect OUT to OUT or IN to IN.

- Restart your TiVo Mini. For instructions, see "Restarting the TiVo Mini" on page 51.

My TiVo Mini was working, but now the picture is frozen.

- Try changing channels several times.
- Press PAUSE, then PLAY.
- Restart your TiVo Mini. For instructions, see "Restarting the TiVo Mini" on page 51.

I don't get a picture now, even though I have been able to get one in the past.

- Your TV may not be set to the correct input. Most TVs have an input button that says either "TV/Video," "Input," or "Source." It may be on the TV or on the TV remote control. Look at your TV and TV remote and try changing the input setting.
- Use the RESOLUTION button on the back of the TiVo Mini to cycle through the various video output formats.
- Check to make sure all of the appropriate cables are firmly connected to your TiVo Mini, television, and other audio/video equipment. For help with your audio/video connections, see the *Start Here* poster or Appendix A of this guide.
- Someone in your household may have placed the TiVo Mini in Standby mode. To return to normal mode from Standby, press

either the TiVo button or the LIVE TV/SWAP button on your TiVo remote control.

My audio system is set up to play in stereo, but it is only playing mono.

- Make sure that Default Audio Program (stereo) is selected on the Audio settings screen (see page 24), and be sure you connected audio using the TiVo Mini's L/R Audio Out jacks.

My shows are playing in the wrong language.

- You may have selected the wrong language in the Default Audio Language setting. To modify this setting, select 'Settings & Messages,' then 'Settings,' then 'Audio,' then 'Alternate Audio.'

I see a gray screen with a message that says "Searching for signal."

Your TiVo Mini is having trouble tuning to the channel you are on. Follow these steps to restore the video:

- Try changing channels. If the message appears on just a few channels, you may be tuned to a channel to which you do not subscribe, or you may be experiencing a weak signal on a channel to which you do subscribe.
- You may be experiencing a temporary cable outage.

- Your video cable may have come loose. Make sure all the cable connections on the back of your TiVo Mini are secure.
- The cables you are using to connect your TiVo Mini to your TV or other equipment may be damaged or defective. Try exchanging the cables connected to the TiVo Mini with other cables that you know are working properly.

Parental controls

My Parental Controls are not working.

- For Parental Controls to work, they must be on (not temporarily turned off). When you enter your password to watch a show that violates Parental Controls, they are temporarily turned off. You can re-enable them on the Parental Controls screen (from the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Parental Controls'), or by putting your TiVo Mini in Standby mode and then taking it out of Standby. (Put your TiVo Mini in Standby mode by selecting 'Settings & Messages,' then 'Standby.' To return to normal mode from Standby, press either the TiVo button or the LIVE TV/SWAP button.)

Restarting the TiVo Mini

How do I restart the TiVo Mini?

You may need to restart your TiVo Mini as a troubleshooting step.

To restart the TiVo Mini:

- Go to the TiVo Central screen and select 'Settings & Messages,' then 'Help,' then 'Restart or Reset System,' then 'Restart the TiVo box.' As a safety measure, enter press THUMBS DOWN three times, then press ENTER.
- If you can't access the TiVo menus, you can restart the TiVo Mini by unplugging the power cord, waiting 15 seconds, and plugging the power back in.

While the box restarts, you will see a screen that says "Almost there. Just a few minutes more." When the restart process is complete, a TiVo welcome video may begin playing automatically. Press the TiVo button to bypass this video and go directly to the TiVo Central screen.

A

Appendix A: Safety, FCC statement, back panel diagram, & specs



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Safety instructions

SAVE THESE SAFETY INSTRUCTIONS.

BEFORE YOU BEGIN

Make sure all your equipment is turned off and the TiVo® Mini is unplugged.

To ensure proper function, make sure that the air vents are not blocked, do not put your TiVo Mini in an enclosed space, and do not place anything on top of the TiVo Mini.

SAFETY INFORMATION

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions of which you should be particularly aware. Please read these instructions before operating the equipment and save them for future reference.

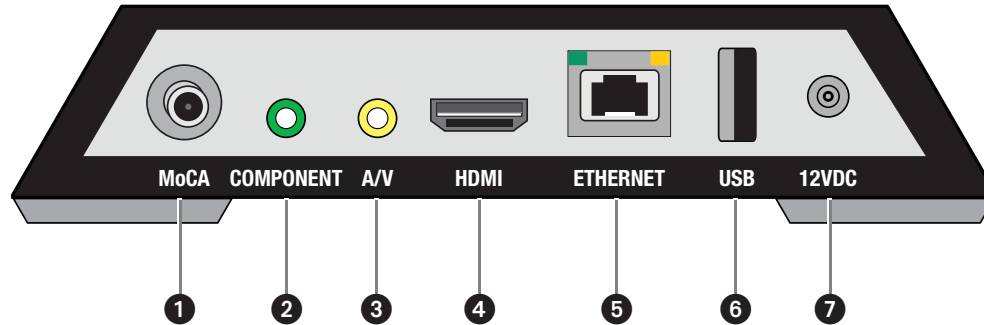
1. Read Instructions — All the safety and operating instructions should be read and understood before the appliance is operated.
2. Retain Instructions — The safety and operating instructions should be retained for future reference.
3. Heed Warnings — All warnings on the appliance and in the operating instructions should be followed.
4. Follow Instructions — All operating and use instructions should be followed.
5. Water and Moisture — The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, etc.
6. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
7. Tilt/Stability — All televisions must comply with recommended international global safety standards for tilt and stability properties of their cabinet design. Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet, which could ultimately overturn the product. Also, do not endanger yourself, or children, by placing electronic equipment/toys on top of the cabinet. Such items could unexpectedly fall from the top of the set and cause product damage and/or personal injury.
8. Not intended for wall-mounting without the use of the TiVo mounting kit (sold separately). Failure to use the correct hardware or to follow the correct procedures could result in a hazardous situation to people and damage to the system. Please read the instructions that come with the mounting kit carefully before beginning installation.
9. Ventilation — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings. Do not block ventilation holes by placing items such as magazines, clothing, etc., on top of the unit.
10. Heat — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

11. **Power Cord Protection** — Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
12. **Object and Liquid Entry** — Never push objects of any kind into this product through cabinet slots or vent holes, as they may touch dangerous voltage points or short the parts, resulting in the risk of fire or electric shock. Never spill liquid of any kind on this product.
13. **Damage Requiring Service** — The appliance should be serviced by qualified service personnel when:
 - a the power supply cord or plug is damaged or frayed;
 - b liquid has spilled into the product;
 - c the product has been exposed to rain or water;
 - d the product does not operate normally when you follow the operating instructions (adjust only those controls that are discussed in this guide, as improper adjustment of other controls may result in damage, often requiring extensive work by a qualified technician to restore the product to normal performance);
 - e the product has been dropped or the cabinet damaged;
 - f the product exhibits a distinct change in performance.
14. **Servicing** — The user should not attempt service to the appliance beyond that described in the Troubleshooting section of this guide. All other servicing should be referred to qualified service personnel.
15. **Cleaning** — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners; use a damp cloth for cleaning. If the product comes in contact with any liquid, unplug the power adapter and let the unit dry thoroughly before plugging it back in.
16. **Power Source** — This product should be operated only from the type of power source indicated on the marking label or in this guide. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
17. **Overloaded Power Outlets** — do not overload wall outlets and extension cords, as this can result in the risk of fire or electric shock.
18. **Coaxial Cable Grounding** — For this product, the coaxial cable shield/screen shall be grounded as close as practical to the point of entry of the cable into the building. For products sold in the US and Canada, this is per Article 800-93 and Article 800-100 of the NEC (or Canadian Electrical Code Part 1), which provides guidelines for proper grounding of the coaxial cable shield.
19. **Electric Shock** — To reduce the risk of electric shock, do not disassemble this product. Take it to a qualified service person when service or repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when this product is subsequently used.
20. **Moving** — Avoid moving the unit while it is plugged in to avoid accumulative shock.
21. **CAUTION** — Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

FCC statement to the user

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Back panel reference



- 1 MoCA®.** If using a MoCA home network, connects the TiVo Mini to your home network. Connect the Coaxial RF cable coming from the wall to this jack.
- 2 Component Video Output.** Connects to a TV or A/V system to provide video only. Component video provides a high-definition picture using a Component video cable available at tivo.com/store. Connect a separate cable (like the Composite (A/V) cable below) for audio.
- 3 Composite Audio/Video Output (A/V).** Connects to a TV or A/V system to provide audio and video. Composite video provides very good standard definition picture quality using a Composite video cable available at tivo.com/store. It does not provide high-definition video.
- 4 HDMI® Port.** Connects to a TV, A/V receiver, or home theater system. The HDMI port provides a pure digital connection for high-definition video and digital audio all in one cable.
- 5 Ethernet.** Use this jack to connect the TiVo Mini to your home network using an Ethernet cable.
- 6 USB.** Reserved for future use.
- 7 Power.** Connects to A/C power. **CAUTION: TO PREVENT ELECTRICAL SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT.** See “Safety instructions” on page 54.

Specifications

VIDEO OUT

HDMI (1) (combined audio/video)

Component Video (1)

Composite Video (1)

AUDIO OUT

HDMI (1) (combined audio/video)

Stereo L/R RCA (1 pair)

RF IN

Cable (1)

EXPANSION PORT

USB (1)

Ethernet (1)

POWER

100-240 VAC, 50/60 Hz, 0.6 A

AMBIENT (EXTERNAL) OPERATING TEMPERATURE

15 °C to 35 °C

OPERATING HUMIDITY

5% to 80%

DIMENSIONS

6.1" w x 6.1" d x 1.30" h

Appendix B: Copy Protection and the TiVo Service



Copy protection and the TiVo® service

The TiVo service allows you to enjoy many kinds of media content: television programs, movies, digital music and photos, and new forms of entertainment delivered by broadband.

Copyright is a form of legal protection provided to the authors of media content. Copyright holders may set limits on how their content may be used. And content providers may restrict or limit the ability to record, display, view or transfer any particular program using a variety of copy protection mechanisms.

Different types of content may require different types of copyright protection. For example, programs may be encoded with rules that specify how long a program can be saved, whether it can be copied to another device, or whether it can be recorded at all.

TiVo, along with all other licensees of copyright protection technology, respects the rules defined by the copyright holder. As such, the TiVo service incorporates technology that ensures that you are allowed to enjoy the content, and that the copyright holder is protected.

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Remote Control Tips

Program your TiVo® remote to control your TV or A/V receiver. See [Customize Your TiVo Remote](#) to the right.

Press the **TiVo button** once to go to the TiVo Central® screen, or twice to go to the My Shows List—the list of recorded shows on the host TiVo box.

Press **FAST-FORWARD**  and **REWIND**  up to 3 times for 3 speeds while watching a show. Press **PLAY**  to resume normal play.

REPLAY  repeats the last 8 seconds of a show.

Press **CLEAR** to delete a title in a list (like the My Shows List) or to hide things that aren't part of the show you're watching (like the TiVo info banner).

CHAN UP/DOWN does more than change the channel—it also pages up or down through lists of shows or menu items.

Press **GUIDE** to see the TiVo program guide, then press **A** (while the guide is visible) for Guide Options that let you change the way channels display or show only certain types of shows.

When you're viewing the TiVo program guide, press **FAST-FORWARD** and **REWIND** to move the displayed time incrementally. Press **ADVANCE**  to jump 24 hours ahead. Press **INSTANT REPLAY**  to go back 24 hours.

Press **ADVANCE**  to move forward 30 seconds in a show, or press and hold to jump to the end. Press and hold **REPLAY**  to jump to the beginning of a show.

Inserting the Batteries

1. Open the battery door:
Push the battery door where it comes to a point, near the center of the back of the remote, to open.
2. Insert the batteries. Match the + and - marks on the batteries to the + and - marks in the compartment.
3. Replace the battery door.

Remote Control Troubleshooting

Press any button on the remote. Does the light above the TiVo button on the remote flash?

If the red light does not flash, make sure the batteries are positioned correctly in the remote. If they are correctly positioned, try a new set of batteries.

If the red light on the remote does flash, but the lights on the front of the TiVo box do not respond to the remote, restart your TiVo box by unplugging it, waiting 15 seconds, then plugging it back in.

See the Troubleshooting chapter for more help with your remote control.

Customize your TiVo® remote

Some buttons on your TiVo Mini's remote are programmable:

TV POWER

TV INPUT

VOLUME & MUTE (can control sound on your TV or A/V receiver)

To program your TiVo Mini box remote, press the TiVo button to go to the TiVo Central® screen and select 'Settings & Messages,' then 'Settings,' then 'Remote & Devices,' then 'Remote Control Setup.' Follow the easy on-screen instructions.

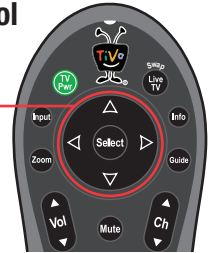
Due to the wide variety of brands and models available, some TVs and A/V receivers are not compatible with your TiVo remote.



On-Screen Menus and the Remote Control

To navigate the on-screen menus, use the remote control's arrow buttons to move to the option you want, then press SELECT.

The LEFT arrow button often takes you to the previous screen.



Two Types of On-Screen Arrows

The arrows that appear beside or near the highlight bar show the directions it can move. For example, on this screen, you could press the RIGHT arrow to view details about the highlighted title, or the LEFT arrow to go back to the previous screen.

Highlight Bar



Arrows near the Highlight Bar

When you see page up or page down arrows at the top or bottom of the screen (or a list), press the CHAN UP/DOWN button to jump an entire page at a time.

Page Up Arrow



Page Down Arrow



CHAN UP/DOWN Button

TiVo® Remote Control

The **TiVo** button takes you to the TiVo Central® screen, the starting point for all your TiVo features and settings.

If programmed, **TV PWR** turns your TV or A/V receiver on/off. See the “Settings” chapter for more information.

Use **Input** to select the input (such as the TiVo box, DVD player, game system) your TV displays.

Use **Zoom** to change aspect ratio of shows on your TV.

If programmed, **Volume** controls the volume on your TV or A/V receiver.

If programmed, **Mute** turns the volume on your TV or stereo on or off.

Use the **Thumbs Up** and **Thumbs Down** buttons to rate shows for TiVo Suggestions. You can give up to three Thumbs Up (great!) or three Thumbs Down (terrible!).

Rewind rewinds a show. Press it up to three times for three speeds. When a show is paused, press Rewind to go back frame-by-frame.

Pause freezes a show. Press it again to resume playing.

Slow plays a show in slow motion.

Replay repeats the last 8 seconds of the show. Press and hold to jump to the beginning of a show.

The **A B C D** buttons sort and filter views. Look for the onscreen tips.

Use the **Number** buttons to enter channel numbers.

Clear removes the display of the channel banner or program guide, and deletes titles from the My Shows list.

Live TV/Swap takes you to live TV.

Info shows the channel banner while watching live TV; press it again to make it disappear.

Guide takes you to the program guide, where you can find shows to watch. Press it again to clear the guide.

Use **Select** to choose menu options or shows.

Use the **Arrow** Buttons to navigate the TiVo menus and the program guide.

Use the **Channel Up/Down** buttons to change the channel and to page up or down while in the program guide or TiVo menus.

Press **Record** to start recording the show you're watching, or to set up a recording for a show selected in the program guide.

Play starts playing a show from the My Shows list. When you are using pause, rewind, fast-forward or slow, pressing Play will resume playing at normal speed.

Fast-Forward fast-forwards through a show. Press it up to three times for three speeds. When a show is paused, press Fast-Forward to advance frame-by-frame.

Advance moves forward in 30-second increments; press and hold to jump to the end of the show. When fast-forwarding or rewinding, press Advance to jump to the next tick mark.

Enter/Last returns you to the last channel tuned to in live TV. In the program guide, press Enter/Last to see Guide Options.