

User Guide Version 1.0







Welcome to CTCTV Prime!

CTC is proud to introduce its premier television service, CTCTV Prime! Powered by the proven video delivery system of Microsoft Mediaroom, Prime offers premium IPTV service to our Cooperative members used by some of the largest telecommunications companies in the nation. The features and speed of Prime will astound you.

With faster boot times, channel changes, and menu navigation than our previous television service, Prime includes features like caller ID screen pop, Picture in Picture channel previews, favorites channel setup, and Whole Home DVR which allows you to stop a recorded program in one room and continue in another. Don't miss out on our new "Prime TimeShift" available with our DVR service. CTC is also introducing our new interactive application for local weather and national news delivered right to your screen. With future potential for home media sharing, video on demand, more interactive applications, Microsoft Mediaroom and CTCTV Prime are positioned to be the centerpiece of your media system for years to come.

Welcome to CTCTV Prime video service, powered by Microsoft Mediaroom. CTCTV Prime replaces our current Cisco video service using the same STB with brand new software and servers. With proven market performance, backed by Microsoft, the user interface is fast and easy. Everything you need is a button press away with this universal remote that works with all major brands of TV's. The auto code search feature makes it easy to program the remote to the TV within minutes. The sleek and low profile design of our set-top box receiver fits any decor.

Small in size, our set-top box receiver packs high performance 500G DVR capacity and its small design fits more than 100 episodes of recorded programming so you're sure to catch every episode of your favorite programs.

Start using DVR right away by pausing live TV or press the record button to keep any programs to watch at a later time. Want to schedule a season series? Press record twice on the program in the interactive guide and your series will automatically be recorded. It's that easy.

Recording is "always on" with our local channels 2, 4, 5, 9 and 11 (or in HD 502, 504, 505, 509, and 511) and are automatically recorded by CTC for two hours. So if you miss a few minutes of the beginning of your program, just rewind to the beginning. Using the skip and back button you can jump back in 7 second increments or forward in 30 second increments, and it won't take up any of your DVR space.

We hope you enjoy your new CTCTV Prime service. Please feel free to contact us anytime with any questions you may have about your new service.





CTCTV PRIME REMOTE

Your CTCTV Prime remote works not only for CTCTV Prime, but for your TV, DVD player, VCR, and receiver as well. Here are a few tips to get you started:

Press when in the guide to skip forward or backward in 24 hour intervals.

When you press us on your remote, it will take you to the last viewed channel. It will also display the last 5 channels viewed. The pop-up will disappear after 10 second or press us again to exit the screen immediately.

Press 💮 to display the aspect ratio, audio language, and subtitle options.

See the chart below to view the functions of all the buttons on the remote.

STB	Allows you to control your set-top box
TV	Allows you to control your tv
ROMEN ()	Turns the device you are controlling on and off
DVD	Allows you to control your DVD player
AUX	Allows you to control your receiver
MENU	Displays the main menu
BACK	Returns to the previous menu screen
SI INTERACIAL	Quick access to App Daily

Buttons

Moves selection up, down, left, or right Image: Constraint of the select of t
Image: Second and regime and regime and regime and recording options Image: Second and regime and recording options Image: Second and record and recording options Image: Second and record and reco
Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction of the selected program and recording options Image: Construction option option option Image: Construction option option option Image: Construction option option option option Image: Construction option option option Image: C
 Displays a description of the selected program and recording options Displays the search menu Displays your favorites menu Displays caller ID information Records live TV Reverses or fast forwards your program Scrolls through available TV inputs Stops your program Pauses your program
B Displays your favorites menu Image: Displays caller ID information Image: Displays caller ID informatin
Image: Construction of the second
Records live TV Records live TV Reverses or fast forwards your program Scrolls through available TV inputs Stops your program Pauses your program
Scrolls through available TV inputs Stops your program Pauses your program
Scrolls through available TV inputs Stops your program Pauses your program Pauses your program
Stops your program Pauses your program
Pauses your program
Reverses 7 seconds at a time or fast forwards 30 seconds
Not currently available
Displays recorded programs and schedules
Increases or decreases TV volume
GUIDE Displays the interactive guide
Changes channels or scrolls through menus
Turns all sounds on or off
Displays the last 5 channels you viewed



CTCTV PRIME SET-TOP BOX

Below is an identification picture of your set-top box and the cords that attach to it. Your set-top box may or may not look exactly like the picture below.



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THE MENU

Use the menu to access all the features available with CTCTV, including DVR, searching and more.

- Press (MENU) on your remote.
- Once in the MENU, use 🔹 🦻 on your remote to select a heading.

And the second s	TC)		Video on demand	Applications	1:38 PM	м
« Live	- TV »	Recorded TV	Video on demand	Applications	Settings	191
Wat	ch live T\	/				
Guid	de					
Favo	orites					
Sear	rch					
100						

- Press OK to activate your selected item.
- Press 🔄 to return to the last menu screen that you viewed.
- Use $\sqrt[3]{10}$ to dismiss the screen and return to your TV program.

Here is a quick guide of the menu options:

Live TV

Watch live TV	Allows you to watch TV.
Guide	Accesses the channel guide.
Favorites	Accesses your favorites list.
Search	Allows you to easily find your favorite TV shows and actors.



THE MENU (continued)

Recorded TV

View recording	Lists all in-progress and completed recordings.	
Scheduled	Lists all future recordings.	
Add Recording	Allows you to record a program using search, the guide, or by manually entering the channel and recording time.	

Video on demand

Video on demand	Not available at this time.
Current rentals	Not available at this time.
Search	Not available at this time.

Applications

Appdaily	An interactive, online app for current weather, news, and sports information.
CallerID management	Allows you to see your call history and contacts on your TV.
Tech setup	The technical setup of your CTC set-top box.

Settings

General	Allows you to turn system effects on or off, access system information and troubleshoot your connection.
Television	Allows you to customize your guide, favorites list, screen aspect ratio, and closed captioning (subtitles).
Audio	Allows you to activate descriptive video and change your surround sound settings.
Parental controls	Allows you to block programs by channel, rating, or content.
Restart system	Reboots your set-top box. All of your settings will be saved.

My Mediaroom

Photos and music	Not available at this time.

MENU <<LIVE TV>> GUIDE

To see what's on using the interactive program guide:

- 1. Press (GUDE) to see your complete program listing. Then:
 - Press to scroll channels.
 - Press 📲 to move up/down a page at a time.
 - Press 🔹 🔊 to scroll through the scheduled times.
 - Press to jump forward or back 24 hours.

PRIM				1:53 PM
THU 5/24	1:30 PM	2:00 PM	2:30 PM	3:00 PM
581 HGTVHD	My First Place HD	My First Place 🗊	My First Place 🖽	My First Place HD
583 FOODHD	30-Minute M	Giada at Horr 🖽	Giada at Hon 🖽	Barefoot Con
584 TravelHD	Amazing Eats 🖽	Amazing Eats 🖽	Amazing Eats 🖽	Amazing Eats 🖽
590 BravoHD		Around the World	in 80 Plates	Around the Wo 🕨
591 A&E HD	< Criminal Mi HD	The First 48	HD	The First 48 🖽 🕨
593 E! HD	Kendra	Khloe and Lamar	Khloe and Lamar	Ice Loves Coc 🖽
	"How to En	Place 00 PM - 7 MIN LEFT d a Losing Streak" - , iston for four years.	A couple has been se	earching for a

- 2. Highlight a program to view more details.
 - Press or to watch the program if it is currently on. If it is not currently on, the program info screen will appear.
 - Press for viewing options and more information.
 - Press to record the program if you have CTCTV DVR.
 - Press GUDE to exit the guide and return to the program you were watching.



FAVORITES

To create favorites:

- 1. Press MENU.
- 2. Use b to select **SETTINGS**, then highlight **TELEVISION**. Press **OK**.

		10:03 AM
lications	 Settings >> My Mediaroom 	
	General	
	Television	-
	Audio	for-
	Parental controls	A.
	Restart system	
	DIFFERENT DAY, DIFFERENT DUTY AVERAGE PERSON CHANGES CAREERS 6-7 TIMES IN LIFETIME	
	KLGandHODA.CO	

3. Use 👞 to highlight SET UP FAVORITES. Press 🔿.

Tip: Once your favorites are set up, you can also access your favorites by pressing the key on your remote.

FAVORITES (continued)

- 4. Use to select channels.
 - To add a channel to your favorites, press OK. A check mark will appear. Press OK again to remove it.

Setting		1:56 PM
Favorite cl	hannels	
	Press OK to add or remove channels from your favo	ritor quide
Save	Press OK to add of remove channels nonn your lave	ontes guide.
Don't save		
Uncheck all	2 KAWE - KAWE	
View checked	3 QVC - QVC	
	4 wcco - wcco	
	5 KSAX - KSAX	
String 6	6 HSN - Home Shopping Network	
	7 KSTP - KSTP	
And a second sec	1-800-PROGRESSIVE PROGRESSIV	3 of 262 ¥

- To remove all channels, push c to select UNCHECK ALL. Press OK.
- If you wish to view only the channels selected in your favorites list, select VIEW CHECKED. Press OK.
- When done, select SAVE and press OK.
- To view your favorites guide, press . Use to select <<LIVE TV>>, then favorites. Press or.

Tip: Each set top box has its own favorites list. A separate favorites list can be built for each set top box.

APPDAIL



SEARCH

- 1. Press . Use Select <<LIVE TV>>
- 2. Select Search and press OK.

	50	~	ch	
	Se	ar	cn	1:57 PM
	-			
А	В	С	D	Type title or name to search for.
E	F	G	н	
	J	К	L	Choose Options for more search choices and additional
М	N	0	Р	keyboard characters.
Q	R	s	т	
U	v	w	х	
Y	z	-	×	
12	3	Opti	ons	

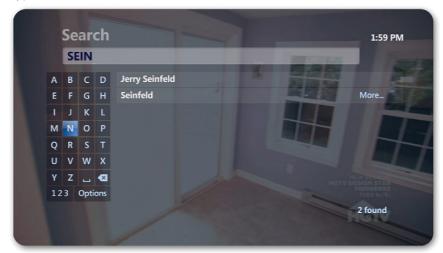
3. Use 👌 🖢 to select a letter on the on screen keyboard. Press 💽 .

Note: To show the number keypad, use the arrow buttons to highlight the 123 button at the bottom of the screen. Press or .

Tip: You can also access the search feature by pressing the \triangle key on your remote.

SEARCH (continued)

4. A list of results will begin to appear as you are typing. The more letters you type, the better the results.



5. Press prepeatedly to tab over to the results list.

6. Highlight a title or name using the 🚞 arrows. Press 💽 .

- If you select a title, you can choose to record the program or watch it now if it's currently on.
- If you select a name, you'll see a list of programs with that actor or director. Select a title to view details. Press or to record or watch the program.
- If "More..." appears next to the title, a list of all programs with that title appears. Select a title from the list. Press or to record or watch the program.





HOW TO USE YOUR DVR PAUSING/RESTARTING A PROGRAM

- 1. To temporarily stop a live TV program, press II.
- 2. A progress bar will appear on-screen, showing you how much time has elapsed and for how long until play resumes. The action will pause for up to 90 minutes.



Note: If you don't think you'll be able to return to the program in 90 minutes, simply press record to begin recording.

3. Press () at any time to restart the program from where you left off.



REPLAYING WHAT YOU MISSED

1. Press to "rewind" the program you're watching. A progress bar will appear to indicate how far you can go back in time.



- Press 2, 3, or 4 times to rewind at increasing speeds.
- Press to skip back in 7 second increments.
- Press D anytime to begin watching.

FAST FORWARDING/ RETURNING TO LIVE PROGRAM

If you have paused or replayed a live program, you can use the \longrightarrow and \longrightarrow buttons to go forward in time.

1. Press to fast forward. A progress bar will appear to indicate how far you can go forward (and back) in the program.



- Press 2, 3, or 4 times to advance at increasing speeds.
- Press to fast forward in 30 second increments.
- 2. To return to live TV, fast forward until you reach the end of time bar on the on-screen progress indicator.



TIME SHIFT

Time Shift is a new feature available with our DVR service.

With CTCTV Prime channels **2** - **Lakeland Prime**, **4** - **CBS**, **5** - **ABC**, **9** - FOX, and **11** - **NBC** (also available on **502**, **504**, **505**, **509** and **511** in HD) will automatically record the past 2 hours of programming even if you do not have your DVR set to record.

1. Press the or buttons at anytime to go back and watch any program you may have missed in the past 2 hours.

(Note: Any program on these channels that you may have missed that was beyond 2 hours cannot be viewed unless you had your DVR scheduled to record it.)

For example: if you want to watch the evening news but you missed the first 10 minutes and you did not record the program on your DVR, you can just rewind the program to the beginning and start watching. There's no need to set up any recordings, and it will not take up any space on your DVR.

RECORDING WHAT YOU'RE WATCHING

- 1. Press to start recording the program you're watching.
- 2. The message "**Recording**" will appear on-screen, and the record LED will light up red on the Set Top Box until recording ends.



3. Recording will stop at the program's scheduled end time. Press to end the recording at any time. Select **STOP RECORDING** & press **OK** to confirm.



4. The recording will be saved under its program title.



HOW TO MAKE SURE YOU ARE RECORDING

There are several ways to confirm that the DVR is actually recording.

• The red record LED will be lit up on the DVR receiver:



- and see if there is a red dot on the **PROGRAM INFO** screen. Press • Press to see that the program is in the list.

RECORDING WITH EXTRA TIME AT THE END

If you suspect the program you are recording may run longer then the scheduled time (like sports), you can add time to the end of your recording.

1. Press after the program has begun recording. Use to select **RECORD OPTIONS** and press **OK**.

Progra	r > Cast & Crew Alternate audio Subtitles
< Summary	
Watch	College Baseball
Stop recording	
Record options	RECORDING IN HD - 15 MIN LEFT
Record series	"Big Ten Tournament, Game 3: Teams TBA" - Big Ten Tournament, Game 3: Teams TBA. From Columbus, Ohio.
More showtimes	No cast information available
	Original air date: 20120524.
Sea 1	
E MEL =	

2. Press to select STOP RECORDING - At scheduled end time. Press OK.

	options T	2:16 PM
College B	baseball	
	CHANNEL	
ave changes	534 BIG10HD	
Cancel changes	TIME	
	THU 5/24, 2:13 PM	
	STOP RECORDING	
	At scheduled end time	Change
	KEEP UNTIL	
	Keep until space needed	Change
	STEVE BREASTON	a sub-
	MICHIGAN WIDE RECEIVER	2003 - 2006

- 3. Choose the amount of time to add to the recording time. Press OK.
- 4. Press to select **SAVE CHANGES**. Press **OK**. Select **WATCH** and press **OK** to return to the program.



SCHEDULE FUTURE PROGRAM/ SERIES

- 1. Press GUDE. Use the arrows on your remote to scroll through and highlight a program.
- 2. Press . A red dot appears next to the program title to indicate that a recording is scheduled.

THU 5/24	2:00 PM	2:30 PM	3:00 PM	3:30 PM	^
520 HDNet	Get Out!	HDNet Fights			Ð
24 LMNHD	▲ Last Exit	Œ	Amber's Story		
525 USAHD	Burn Notice	E) NCIS		Ð
26 TNTHD	The Closer	Œ	Law & Order		Ð
527 TBSHD	Everybody Lo	Everybody Lo	Friends	Friends	Ð
29 ESPNHD	Outside the L 🛞	College Footi	NFL Live		Ð
	The One V	CORD IN HD · 3:00- Vith Monica and Cl	3:30 PM andler's Wedding" ssing Chandler, who	ARE Qn the eve o	of the

3. Press twice to schedule the same show at the same day and time every week. Three red dots will appear. This won't work with movies you record.

THU 5/24	2:00 PM	2:30 PM	3:00 PM	3:30 PM	^
520 HDNet	Get Out!	HDNet Fights			Ð
524 LMNHD	▲ Last Exit	HD	Amber's Story		Image: A start of the start
525 USAHD	Burn Notice	HD	NCIS		Ð
526 TNTHD	The Closer	HD LED	Law & Order		Ð
527 TBSHD	Everybody Lo HD	Everybody Lo 🖽	Friends 🧶	Friends	
529 ESPNHD	Outside the L	College Foot	NFL Live		Ð
	"The One	5 RECORD IN HD · 3:0 With Monica and Cha Ross searches for miss	ndler's Wedding"		

4. Press a third time to cancel the recording. The dots will disappear. Press to return to your last viewed channel.

SCHEDULE A SINGLE RECORDING [PROGRAM INFO]

- 1. To access the **PROGRAM INFO** screen:
 - Press when tuned to a program, or
 - Press GUDE . Use the arrows to highlight a program. Press
- 2. Select **RECORD EPISODE** and press **OK**. Press **OK** again to record the show.

Progra		2:34 P
« Summary	> Cast & Crew	
Watch	Income Property 581 HGTVHD · 2:30 PM-3:00 PM	
Record episode Record series	HD 26 MIN LEFT	T
More showtimes	"Busy Bakers Income Suite" - A couple needs to updat above their bakery.	e the apartment
	No cast information available	and the
	TV-G, Original air date: 20100411, CC.	
1842 13 1/		
Br		

3. To add more time to a current program if it runs long, see page 22.

INFO

Tip: Your DVR will record even if your TV is not turned on, as long as your DVR Set Top Box is on or in standby mode. You're show will not record if your home loses electricity.



SCHEDULE A SERIES RECORDING [PROGRAM INFO]

- 1. To access the PROGRAM INFO screen:
 - Press when tuned to a program you want to record. Or,
 - Press GUDE. Use on your remote to highlight a program. Press (

INFO

2. Select **RECORD SERIES** and press OK.

Progra	m info	2:29 PM
« Summary	> Cast & Crew	the second se
Record episode	Dr. Phil 504 WCCOHD · 3:00 PM-4:00 PM	
Record series	HD	
More showtimes		
	"Demise of Guys" - Dr. Phil discusses the flunking out of school, avoiding respons	
	No cast information available	
	TV-14(V,S,L,); Original air date: 20120524	t, CC.
	eedom 1-800-435	-4177

- 3. Use select **TIME**. Press **OK**. You can limit the recordings to:
 - Any day (at the scheduled time)
 - Any day/anytime
 - Any day/anytime/once per day
- 4. Select **SHOW TYPE** if you want to limit it to first run only. Otherwise, your DVR will record every instance.
- 5. To add time in case the program runs long, select **STOP RECORDING**. Press ok to select a time. Select **RECORD**, then press ok.

Note: A recording will not adjust if a program's scheduled time changes unexpectedly. However, planned schedule changes will be followed and the episode will be recorded.

SCHEDULE A SINGLE RECORDING [CHANNEL DATE/TIME]

- 1. Press
- 2. Use to select **ADD RECORDING**.
- 3. Select CREATE A MANUAL RECORDING WITH: **Channel and time** and press or . The manual record screen appears.





SCHEDULE A SINGLE RECORDING (continued)

4. Fill in the fields on the manual record screen, using to move between fields.

	al record and time			2:34 PM
101-4	CHANNEL			
Record	529	ESPNHD		IH BASSARD
Don't record	DATE	19.10	COLUMN T	R PERSON NOT
41	Thu 5/24		COLUMN L	Change
and the second	START			STOP
The state	2:00	PM		3:00 PM
1	KEEP UNTIL	- Phy		BREAK AND A DESCRIPTION
1	Keep unti	l space needed		Change
A		d Clemson and other a onsider a move to the		X
NBA IND play	yoffs			NOW ON HEAVE

- 5. Select **RECORD**. Press OK to schedule the recording.
- 6. After a program is recorded, it is saved on your DVR until you delete it, or it is deleted to make room for new recordings.

VIEWING YOUR RECORDING SCHEDULE

1. Press

2. Use to select **SCHEDULED**. The **RECORDED TV** screen lists upcoming recordings in the order in which they will be recorded.

	Recorded TV	2:06 PM
ng	Scheduled Series Series	
	TOMORROW	
	Today	(HD) 7:00 AM
	WED 6/13	
	Today	(ED) 7:00 AM
	THU 6/14	
	Today	(ED 7:00 AM
		1 of 12 🗸
	Today SERIES RECORD · 511 KAREHD · 6/12, 7:00 AI	M
	Tackling food projects with dad; Father's Day; care ballpark food; singer Usher.	e packages; Ed Sheeran performs;

4. To view only the scheduled series, use to select SERIES.



CANCEL RECORDINGS BEFORE THEY OCCUR [RECORDED TV]

- 1. Press
- 2. Press to select **SCHEDULED**. You'll see a list of upcoming recording in the order they'll be recorded.
- 3. Select the program you want to cancel and press or. The Program info screen appears.
- 4. Select **DON'T RECORD** and press **OK**. Press **OK** again to confirm. Note: This will not erase previously recorded episodes.

Prograi « Summary	m info » Cast & Crew	3:14 PM
Don't record Record options Record series More showtimes	KARE 11 News at 4pm 511 KAREHD - 4:00 PM-4:30 PM WILL RECORD IN HD Pierce; Evans. No cast information available Original air date: 20080331, CC.	

CANCEL RECORDINGS BEFORE THEY OCCUR (continued)

To cancel a series, press and use to select **SERIES** from the menu bar.

	Recorded TV	2:09 PN
ed	« Series »	
	2 SERIES	
	The Doctors	511 KAREHD
	Today	511 KAREHD
		and Maria
		and the second
		a stander
	The second s	
		leta de la compañía d
	and the second states of the	natgeoty.com

- 1. Use to scroll through the list.
- 2. Select the series you want to cancel, and press or. The Program info screen appears.
- 3. Select CANCEL SERIES. Press OK.

Note: This will not erase previously recorded series.



CANCEL RECORDINGS BEFORE THEY OCCUR [GUIDE]

- 1. Press and then use to locate and select the program that's scheduled to be recorded.
- 2. Press twice to cancel a single recording. The red dot disappears. Note: To cancel a movie, press record only once.
- 3. Press once to cancel a series recording.

	2.00.014	Series recording		2.20.514	
MON 6/11	2:00 PM	2:30 PM	3:00 PM	3:30 PM	^
511 KAREHD	The Doctors		The Dr. Oz Show		HD
514 UNIVHD		ife	ED	Tristan & Is	
517 VELOHD	What's My	Ca 🖽 Chasing Class	Desert Car Kings		HD
519 HDNetM	Glory R	ad O			HD >
520 HDNet	Get Out!	HDNet Fights	A The states		HD
524 LMNHD	If Only	ARTIFICIALLY REAVORED	Nights in Rodant	he	
			the second		~
	The	Dr. Oz ShowOU (3:00-4:00 PM	CAN'T RESIST."		
	"Five	e Diet Myths Busted! Wh	at's Really Making You	ı Fat?" - Diet	

SEE YOUR LIST OF PREVIOUSLY RECORDED SHOWS

- 1. Press
- 2. The **RECORDED TV** screen lists you available recordings by date, starting with the most recent.
- 3. To view the list by title, use b to select **BY TITLE**.

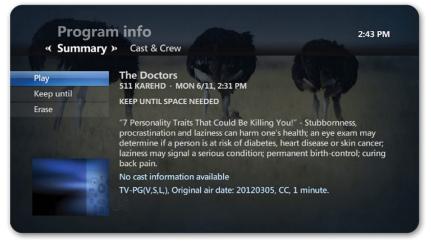


- 4. Use to scroll through the list.
- 5. Press OK to view Program info.



WATCH A RECORDED PROGRAM

- 1. Press
- 2. Use 😭 to select the program you'd like to watch. Press 💽.
 - Select **PLAY** to watch the program.



- Select **RESUME PLAY** to begin play at the point where you previously stopped watching.
- 3. When a recording is finished playing, a **FINISHED** screen appears. Use to select **WATCH LIVE TV**, then press **OK** to return to live TV, or choose one of the other options.

STOP PLAYING A RECORDING

1. Press **1** at any time during a recording. The **STOPPED** screen appears.

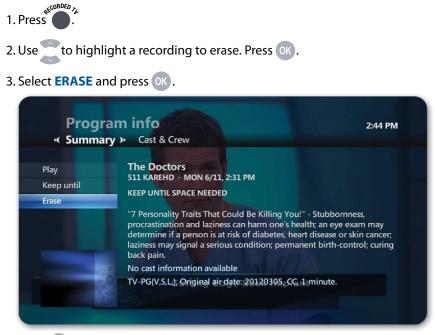


- 2. Use to select and option. Press ok to make a selection. You can:
 - Choose RESUME PLAY to continue watching the program where you left off.
 - Choose **START OVER** to watch the program again from the beginning.
 - Choose ERASE to stop watching the program and to delete it permanently.
 - Choose **RECORDED TV** to stop watching the program and go back to your Recorded TV menu.
 - Choose WATCH LIVE TV stop watching the program and return to live TV.



DELETE EXISTING RECORDINGS

Manually deleting unwanted recordings from your DVR ensures that you keep what you want. Otherwise, older programs are erased automatically to make room for new recordings when DVR storage limit is reached.

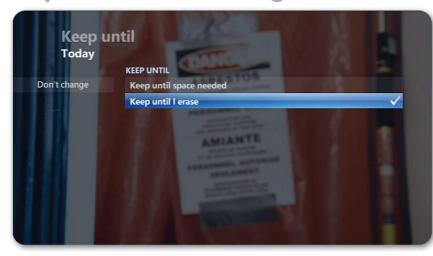


4. Press OK again to confirm.

Tip: You can press _____ to confirm as well.

PROTECT A RECORDING FROM AUTOMATIC DELETION

- 1. Press
- 2. Use to highlight the recording you want to protect. Press or.
- 3. Highlight **KEEP UNTIL** and press **OK**.
- 4. Press and select KEEP UNTIL I ERASE. Press OK to save your options.







MANAGING RECORDED AND LIVE TV STREAMS

CTC supports up to 4 live TV streams to your household. A stream can be a live TV show or a DVR recording you are watching. If you have 2 or more TV's tuned to the same live TV program you'll only be using 1 live TV stream.

With the 4 streams to your home you have the ability to utilize the streams in a number of ways. If you are using all four streams at one time you can do one of the following:

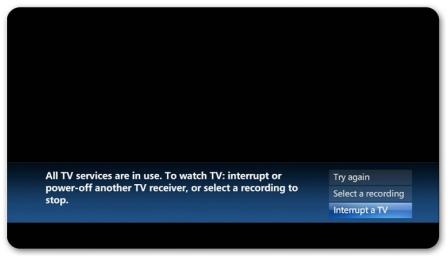
- Watch 4 different live TV programs
- Record 1 live program on your DVR and watch 3 other live programs
- Record 2 live programs on your DVR and watch 2 other live programs
- Record 3 live programs on your DVR and watch 1 other live programs
- Record 4 live programs on your DVR

The streams available to your home may vary depending upon where you live. In some cases, some homes may only receive 2 or 3 streams. Some homes may not be able to receive HD streams either. A CTC representative can assist you in determining the streams available to your home.

If you exceed the maximum number of streams available to your home. A "conflict resolution" screen will display on your TV. Here are the potential conflicts you could see, and how you can resolve the conflict.



RESOLVING MULTIPLE TV CONFLICT



The above message will display if you have multiple TV's in your house that are all watching live TV programs and you reach the maximum streams available. Three options will display to resolve the conflict. You can:

- TRY AGAIN
- SELECT A RECORDING to cancel (if applicable)
- INTERRUPT A TV in the house that is currently watching live TV on a different channel

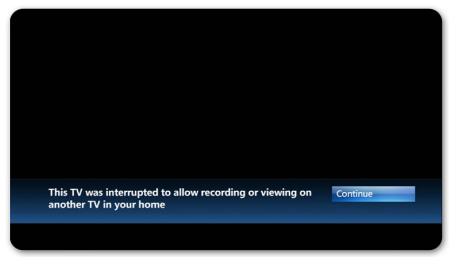
Note: If you turn the TV to the same channel as a different TV, you will be able to view that channel since it's already using a live stream.

RESOLVING MULTIPLE TV CONFLICT (continued)



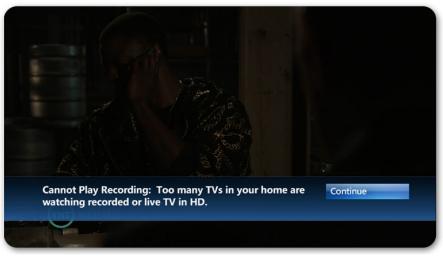
Once you select to **INTERRUPT A TV**, it will prompt you one more time to verify that you do want to interrupt another live TV stream in your house.

If you select to **INTERRUPT A TV**, the message below will display on the TV that was interrupted to get you your stream:





RESOLVING WATCHING RECORDED SHOWS CONFLICT



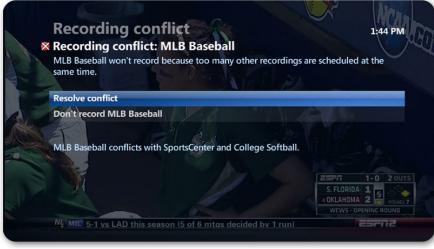
If you want to watch a recorded TV show on another set top box in your home but you have maximized the number of streams you can use to watch recorded shows, the above conflict will display.

MULTIPLE TV AND RECORDED SHOWS CONFLICT



The above conflict will display when all streams in a single TV environment are in use and at least one stream is recording a live TV show.

RESOLVING A RECORDING CONFLICT



The above conflict will display when you have maxed out all of your streams for programs you are currently recording and you want to record one more program. The conflict will display an option for how you would like to proceed.

You can select **RESOLVE CONFLICT** to display your current recordings, or you can choose **DON'T RECORD** your current program.



RESOLVING A RECORDING CONFLICT (continued)



If you choose to **RESOLVE CONFLICT**, all of your current live recordings will be displayed.

The two programs with red dots are the programs that are currently recording. The program that does not have the red dot is the program that is not currently recording because you do not have any streams available.

Here you can select which two programs you would like to record. The third program will not record. Once you **SAVE CHANGES**, your recordings will update.

Notes:	
	MENU
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MENU <<APPLICATIONS>> APPDAILY

Appdaily is a new interactive online app you can browse in CTCTV Prime.

To activate the Appdaily, press on your remote control. When you press the button, you will notice a loading icon in the bottom right corner of your TV. This means that the app is in the process of loading.

Once Appdaily has loaded on your screen, you will see your dashboard across the bottom of the screen. Here you can launch any app to give you the latest news, weather, and sports information.



REMOTE CONTROL NAVIGATION

All navigation is controlled by the and oc buttons.

To launch an app, choose an icon and press or.



BASIC ON-SCREEN NAVIGATION BUTTONS

Some or all of the following buttons appear in the lower right corner of the apps and are used for basic navigation:

	Close apps
	Dashboard
	Full screen viewing mode
	Panel viewing mode
Ö	Preferences

TICKER

When passing over apps in the dashboard, a ticker will appear displaying either a description of the app or a small amount of in-app content.



APP STORE

The apps screen of the App Store allows the user to control which apps appear on their own dashboard.

- 1. To access the App Store, highlight the APP STORE icon and press or.
- 2. Highlight **APPS** and press **OK**.

appdaily	C
Welcome to the App Store the place to add and remove apps from your dashboard	NU-Telecom
appdaily	
The App Store on your TV	
tips apps	

3. Select an app and press or . Press or again to add it to your dashboard.



Note: If the app is already on your dashboard, the icon will be grayed-out.





MENU <<SETTINGS>>

To access the **SETTINGS**, press www. Use to select **SETTINGS**.



GENERAL

To access **GENERAL** Settings, press . Use to select **SETTINGS**, then highlight **GENERAL** and press **OK**.



Select an option and press OK to edit the selected General Setting.



TELEVISION

To access **TELEVISION** Settings, press . Use to select **SETTINGS**, then highlight **TELEVISION**. Press or .

See all of the television options below:

Customize channel guide

1. Select CUSTOMIZE CHANNEL GUIDE. Press OK.

Settings		3:07 PM
Television > Auc A	lio Parental controls	
IKEEM NICKS		
Customize channel guid	le	
CHT FO Set up Favorites	ALL AND ALL AN	
Guide style	TST	
Screen aspect ratio and	high definition	
Closed captioning		
SAINTS Subtitles	ED WERDER - METAIRIE, LA	
TV receiver name	NFL LIVE	TEPH DO A STREET
LIVE FROM INTS OTAS	Latest on contract negotiations between Drew Brees and Saints	

TELEVISION (continued)

Customize channel guide (continued)

2. Use to select channels. To hide a channel, press or. The check mark will disappear. Press or again to remove it.

BREAKING BREAKING BREAKING BAXEEN BAX	
FRACTURED Don't save	changing.
Check all	2 KAWE - KAWE
View unchecked	✓ 3 QVC - QVC
Change order	✓ 4 WCCO - WCCO
	✓ 5 KSAX - KSAX
	✓ 6 HSN - Home Shopping Network
	✓ 7 KSTP - KSTP
	1 of 262 🗸

- To remove all channels, use a to select UNCHECK ALL. Press or.
- To see only your favorites list channels, select VIEW CHECKED. Press or.
- 3. Select **SAVE** and press **OK** to exit.

Set up Favorites

See page 12.



TELEVISION (continued)

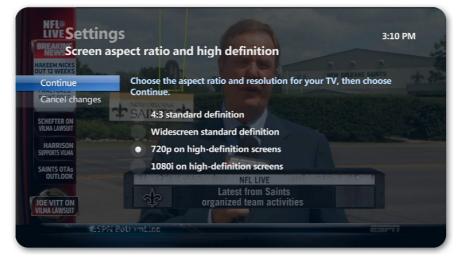
Guide Style

Allows you to view the guide in Grid (default setting) or Channel Lineup.



Screen aspect ratio and high definition

Allows you to change the aspect ratio and resolution for your TV.



TELEVISION (continued)

Closed captioning

Set Digital closed captioning or standard closed captioning options.

Subtitles

Turn subtitles on or off and select your preferred language.



TV Receiver name

Displays the name of your CTCTV set top box.



AUDIO SETTINGS

Press MENU. Use the arrows to select SETTINGS, then AUDIO.

The **AUDIO** setting allows you to set Audio language, Secondary audio (if available), Audio description, and Digital audio output.



PARENTAL CONTROLS

PARENTAL CONTROLS allows you to make specific channels and types of programs accessible only with a Personal identification Number (PIN).



CONFLICT

- A lock appears next to parental locking if a PIN is already set and locks are on.
- An open lock means that a PIN is set but no parental locks are in effect.
- No lock means that no PIN has been set.



- 4. Select PARENTAL LOCKING and press OK.
- 5. Enter your PIN. If no PIN has been created, us the remote's keypad to enter a new four-digit PIN. (Press delete to clear an entry.) You will have to enter it twice. Your temporary PIN is 4 zeros (0000).

Settings Parental lo		9:01 AM
	Enter a 4-digit PIN using your remote	
	****	and the
	Confirm your 4-digit PIN	
A PART	Choose a 4-digit PIN to block selected programs from being	viewed.
	You will need to enter the PIN to view a blocked program.	
alla-		estern No

6. The **PARENTAL LOCKING** screen will appear, with all of your locking options.

Note: Parental Controls must be set-up on each set-top box.

Locking Specific Channels

1. From the **PARENTAL LOCKING** screen, use to select **CHANGE** next to **CHANNELS**. Press **OK**.

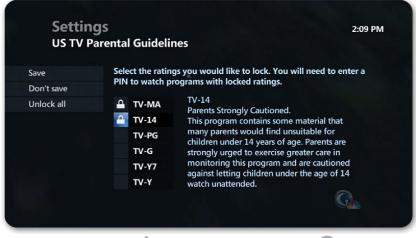
Setting Parental I	S ocking ₽	10:35 AM
Lock	Rentals	·
Turn off locking	PIN not required	Change
Change PIN	Channels	
	None locked	Change
	US TV Parental Guidelines	
	None locked	Change
	Movie Ratings	
	None locked	Change
		2 of 5 🗸

- 2. Use to select channels in the list.
 - Press OK to lock a channel. A lock symbol will appear. Press OK again to unlock it.
 - To unlock all channels, use to select UNLOCK ALL. Press OK.
 - To view only the locked channels, select VIEW LOCKED ONLY. Press or.
 - Select **SAVE** and press **OK**.
 - If you are finished setting parental locks, select LOCK and press OK.



Locking Programs Based on Ratings

- 1. From the **PARENTAL LOCKING SCREEN**, use to select **CHANGE** next to a rating option. Press **OK**.
- 2. Select the lowest rating to lock.
 - Press OK to lock programs with that rating and higher.



- To unlock all ratings, use to select UNLOCK ALL. Press OK.
- 3. Select SAVE, and press OK.
- 4. If you are finished setting parental locks, select LOCK and press OK.

Turning Off Lock for 4 Hours

1. To temporarily turn of parental locking, access the **PARENTAL LOCKING** screen. Select **TURN OFF LOCKING**, and press **OK**.

Unlock all TV for 4 hours		
Reset all parental locks Don't reset		

- 2. Select UNLOCK ALL TV FOR 4 HR and press OK. An open lock will now appear next to PARENTAL LOCKING.
- 3. To turn locks back on immediately, select **LOCK** in the parental locking screen. Press **OK**.





FREQUENTLY ASKED QUESTIONS

How many TV's can I have on at one time?

A CTC representative will work with you to evaluate how many TV's can be watching a program or recording at any given time. If you are on our Fiber-Optic network you will be able to record or watch 4 different programs at one time that have a set-top box with the TV.

When caller ID pops up during a recording, will this image be recorded? No it will not show up on your recorded show.

How come when I press us it gives me channel options to choose from?

When you press it will take you back to the last channel viewed and will also show you the last 5 channels you have visited. You can use the arrow keys to select a different channel from the list you would like to go to. If you just want to go back to the last/previous channel, just press is twice and it will take you to the last channel viewed as well as remove the previously viewed channel list.

What is a set-top box (STB)?

The set-top box is the receiver CTC installs and puts by your TV. With a set-top box you can use the interactive guide, add HD channels, and add DVR service.

What is "IPTV"?

IPTV is Internet Protocol Television. CTC delivers our TV service to you over a broadband connection which is called IPTV.

Why do I have black bars on certain programs on my TV?

If you watch standard-definition programming in widescreen mode on a widescreen HDTV, black bars can appear on the sides of your program. You can hit the multiple times to change the setting (please note: once you change the setting of your zoom it will affect all channels).

How many favorite lists can I set up with CTCTV Prime?

You can set up a separate favorite's list on each TV that has a set-top box with the TV.

How can I control what my children are watching?

Parental Controls allow you to block programs by rating, title or content. Refer to **page 57** of your user guide to find set up instructions.

What happens if I don't protect my recordings?

If your recordings are not protected, when your DVR space is less than 10% of space remaining, your DVR will start deleting programs starting with the oldest recorded program. To protect programs refer to **page 37** of your user guide.



FREQUENTLY ASKED QUESTIONS (continued)

How do I know how much recording space I have left on my DVR?

Press and on your remote. Go to the **SETTINGS** option and select **GENERAL**. Once in your **GENERAL** settings, select **SYSTEM INFORMATION**. Use to select **SYSTEM RESOURCES**. Your usage is listed as a % called **DISK USAGE**.

How many programs can I save on my DVR?

Your DVR has 500 GB of space which equates to about 100 hours of HD recording or 250 hours of Standard Definition recording.

If I pause a program on one channel, then change to a different channel for a little while, could I go back to the original paused channel and watch what I missed?

No. If you change the channel, the live TV program that was paused will be deleted. If you do want to watch it later, make sure to press the record button on your remote before changing channels.

If I reboot my set top box will I lose my recordings?

No. Everything you have saved and scheduled to record will be saved.

TROUBLESHOOTING

Remote Control Problems Possible Solutions

My remote control won't turn on my tv.	• Press and release $\overline{\bullet}$ followed by $\overline{\bullet}$.
	 Make sure your remote control is programmed to operate your TV.
	Check the batteries in your remote control.
	 Ensure that all power cables are plugged into a working outlet.
	 Check the back of your set-top box and the back of your TV to make sure all cables are securely connected.
I'm pressing we but the guide is not displaying.	• Press and release \bigcirc followed by \bigcirc .

Picture Problems

Possible Solutions

My TV is on but I'm not getting any programs, or the picture is very poor.	 Press and release followed by . Check to make sure your TV is set to the appropriate video input. Check the back of your set-top box and the back of your TV to make sure all cables are securely connected.
The program I'm watching is stuck or frozen.	 Try pressing and holding the power button on your set-top box. Try rebooting your set-top box by unplugging it from the power outlet for at least 10 seconds and plugging it back in.
Some of the programs I'm watching have a black bar on the sides.	 This format is set by the Broadcaster or Provider of the channel. You can minimize or remove the bars by changing the aspect ratio settings on your TV. You can try adjusting the aspect ratio with the remote that came with your TV if it does not ad- just correctly with your CTC set-top box remote.

Audio Problems

Possible Solutions

I'm not getting any sound or the sound I'm getting is very poor.	 Check the back of your set-top box and the back of your TV to make sure all cables are securely connected.
	 Check the audio settings on your TV.



Notes:



www.ConnectCTC.com (218) 454-1234