

DCX user guide

Motorola-Arris DCX700 / DCX3200

DCX3400 / DCX3510 / DCX3520



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Important safety instructions

Please read this guide thoroughly and follow every recommendation before using the terminal.

1. Location, installation and ventilation

a) Install the terminal so that its position does not interfere with its proper ventilation. For example, do not place it on a bed, sofa, rug or any similar surface.

b) Install the terminal away from heat sources such as radiators, heat registers or on a book shelf, unless adequate ventilation is provided.

c) Place the terminal in a stable location able to support its weight.

2. Cleaning and accessories

Unplug the device before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth instead. Do not use the terminal near water or in a very humid environment. Only use accessories specified by the manufacturer.

3. Contact with objects or liquids

Never insert objects of any kind through the terminal openings, as they may cause a fire or an electric shock. Make sure no liquid comes into contact with the terminal.

4. Power supply

This device must be plugged into a power supply indicated on the adapter. In case you doubt the type of power supply to your home, contact your power company. Avoid overloading outlets, extension cords or power bars. This equipment has a polarized alternating current line plug (with one blade wider than the other). The plug will fit into a power outlet only one way, which is a safety feature. Such safety measure as the polarized plug should be fully observed.

5. Electrical cords safety

Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.

6. Maintenance

Do not attempt any repair or maintenance or you could be exposed to dangerous voltages and other hazards. Refer to our technical support for assistance.

7. Damages requiring repair by a technician

a) Plug or power cord is damaged.

b) Apparatus has been exposed to water or other liquids.

c) Apparatus has been dropped, housing has been damaged or objects have fallen on the apparatus.

d) Obvious change in terminal performance, indicating a need for maintenance.

If the terminal stops functioning normally according to the user guide, follow instructions described in the guide only. Any other adjustments of the other setting features may cause damages.

Introduction

Congratulations on receiving a **DCX** terminal, one of the most advanced available today. It is easy to set and operate.

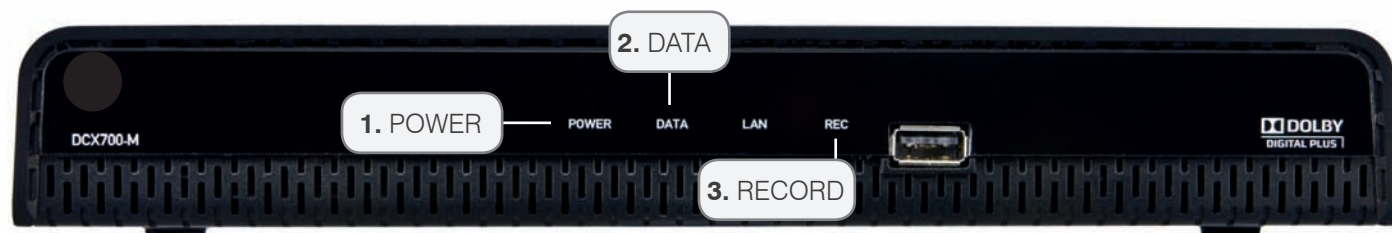
You can now benefit from features such as:

- **Programming guide** allowing you to conveniently select and view programs, also providing content description.
- **Pay-per-view** events and recent movies easily accessible.
- **CD quality sound** and **DVD quality images**.
- **Parental control** allowing you to limit access to some channels, shows or timeframes along with a search tool to find your favorite shows.

This guide introduces you to the **DCX** basic features. The diagrams, on-screen menu description, and operating principles of the remote, will help you make the most of your home entertainment experience.

Section 1 - Your new terminal

DCX700 front panel



1. POWER

Indicates the terminal is on or off.

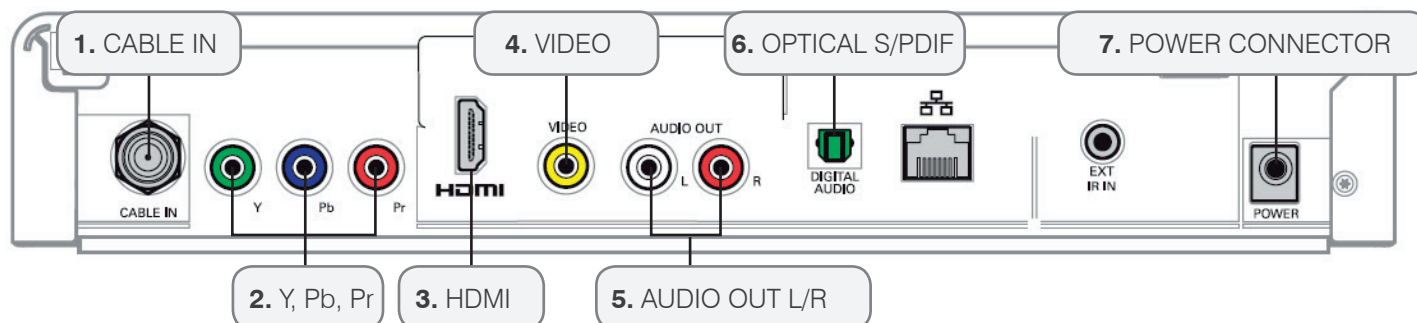
2. DATA

Indicates the terminal is processing programming data.

3. RECORD

Not yet operational.

DCX700 rear panel



1. CABLE IN

Connects to the signal from the service provider.

2. Y, Pb, Pr

These connectors transmit component video to high definition receiver or television set. Use component cables.

3. HDMI

Dolby 5.1 digital audio/video interfaces. To connect an HD screen or TV set, use a HDMI/HDMI or HDMI/DVI cable, depending on the type of television set.

Section 1 - Your new terminal

4. VIDEO

Video composite connector allows the transmission of images in analog mode to equipment such as VCR or television set. Please note that the image is of lower quality compared to using the Component (Y, Pb, Pr) or HDMI output.

5. AUDIO OUT L/R

Audio composite-type connectors transmit analog sound to an audio receiver such as an amplifier or television set.

6. OPTICAL S/PDIF

OPTICAL S/PDIF connector is an optical digital output transmitting Dolby Digital 5.1 or audio PCM sound used to connect the terminal to a stereo tuner or an A/V receiver to get a theater-quality surround sound through a S/PDIF fibre optic-type cable.

7. POWER CONNECTOR

To plug in the female end of the supplied power cord.

DCX3200 front panel



1. DISPLAY PANEL

Displays channel number or clock.

2. DATA

Indicates the terminal is processing programming data.

3. POWER

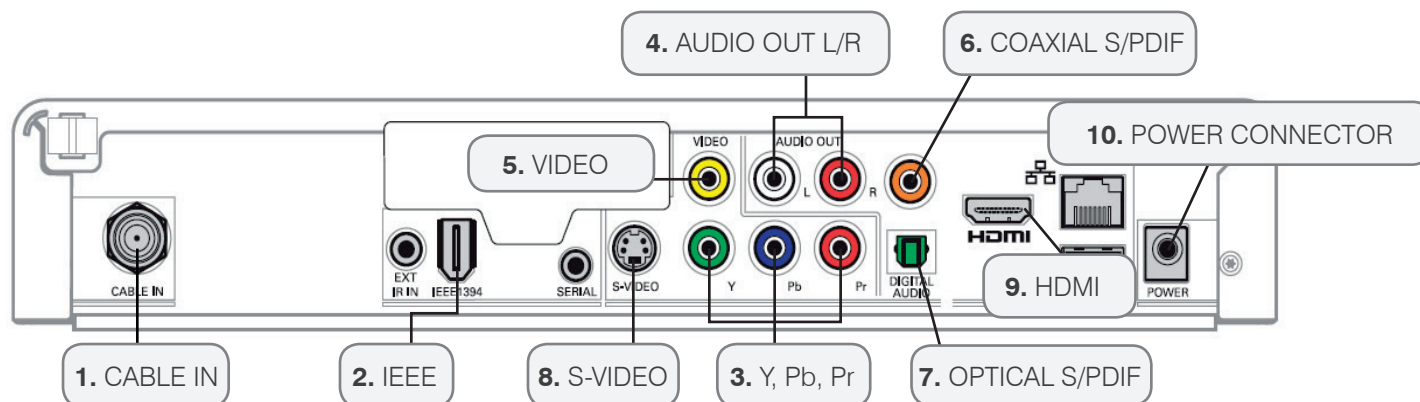
Indicates the terminal is on or off.

4. RECORD

Not yet operational.

Section 1 - Your new terminal

DCX3200 rear panel



1. CABLE IN

Connects to the signal from the service provider.

2. IEEE

Dolby 5.1 digital audio/video interfaces. To connect an HD screen or television set.

3. Y, Pb, Pr

These connectors transmit component video to high definition receiver or television set. Use component cables.

4. AUDIO OUT L/R

Audio composite-type connectors transmitting analog sound to an audio receiver such as an amplifier or television set.

5. VIDEO

Video composite connector allows the transmission of images in analog mode to equipment such as VCR or television set. Please note that the image is of lower quality compared to using the Component (Y, Pb, Pr) or HDMI output.

6. COAXIAL S/PDIF

COAX S/PDIF connector is an optical digital output transmitting Dolby Digital 5.1 or audio PCM sound used to connect the cable box to a stereo tuner or an A/V receiver to get theater-quality surround sound through a S/PDIF fibre optic-type cable.

7. OPTICAL S/PDIF

OPTICAL S/PDIF connector is an optical digital output transmitting Dolby Digital 5.1 or audio PCM sound used to connect the cable box to a stereo tuner or an A/V receiver to get a theater-quality surround sound through a S/PDIF fibre optic-type cable.

8. S-VIDEO

Connector transmitting high quality standard video to S-VIDEO peripherals such as high-end VCR and television set. Use an S-VIDEO-type cable along with an audio composite cable.

Section 1 - Your new terminal

9. HDMI

Dolby 5.1 digital audio/video interfaces. To connect an HD screen or TV set, use a HDMI/HDMI or HDMI/DVI cable, depending on the television set.

10. POWER CONNECTOR

To plug in the female end of the supplied power cord.

DCX3400

The DCX3400 offers digital video recording as well as a double tuner. With the **DCX**, we merged many digital cable functions, infinite programming options and an HD sound and image quality.

The DCX3400 includes a hard drive allowing to record HD content, and offers viewing and recording options.

DCX3400 recording capacity

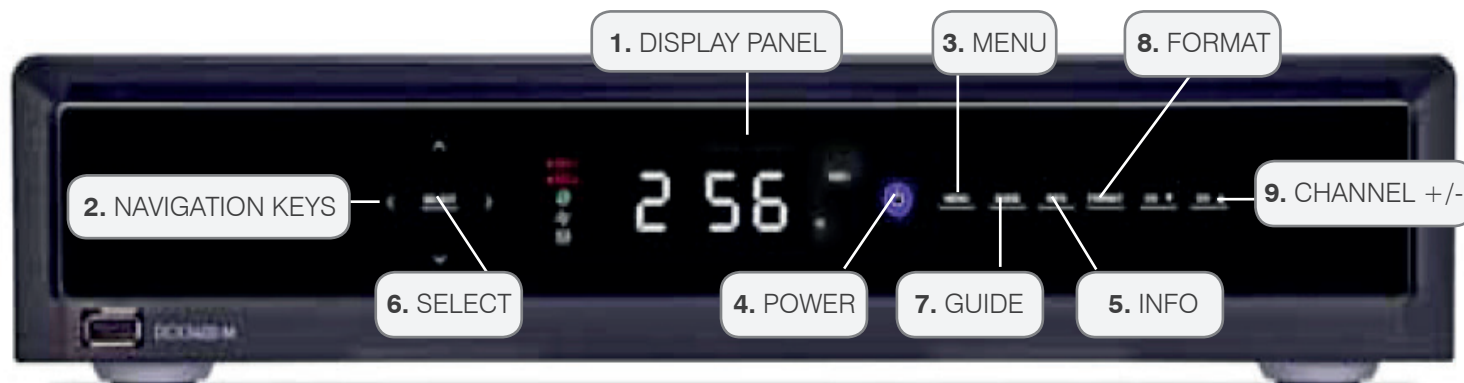
Recording capacity varies with video format. Here are a few guidelines to determine the recording capacity:

- **Digital shows:** Approximately 200 hours of standard digital format programming can be recorded.
- **High definition shows (HD TV):** Shows broadcasted in high definition can be recorded in the same format, as long as your PVR is connected to an HD television set. Between 30 and 45 hours of HD programming can be recorded depending on the quality of the recorded content.

Neither the maker nor the TV guide provider can guarantee the exact amount of programming data that can be recorded. The approximate length depends on the type of program.

Section 1 - Your new terminal

DCX3400 front panel



1. DISPLAY PANEL

The main panel displays either channel or clock. Here are the indicator lights on the panel:

- **REC 1** – Indicates an ongoing recording on the first tuner.
- **REC 2** – Indicates an ongoing recording on the second tuner.
- **DATA** – Indicates the terminal is processing programming data.
- **IR** – Indicates the terminal is processing data from the remote control.
- **Image format (1080 P, 1080 I, 720 P, 480 P, 480 I)** – Indicates the current image format.

2. NAVIGATION KEYS

Moves the cursor through the interactive guide and menus.

3. MENU

Displays the main menu.

4. POWER

Indicates the terminal is on or off.

5. INFO

Displays currently tuned channel and program information.

6. SELECT

Selects menu options, VOD programs or programs from the interactive guide.

7. GUIDE

Displays the TV guide.

8. FORMAT

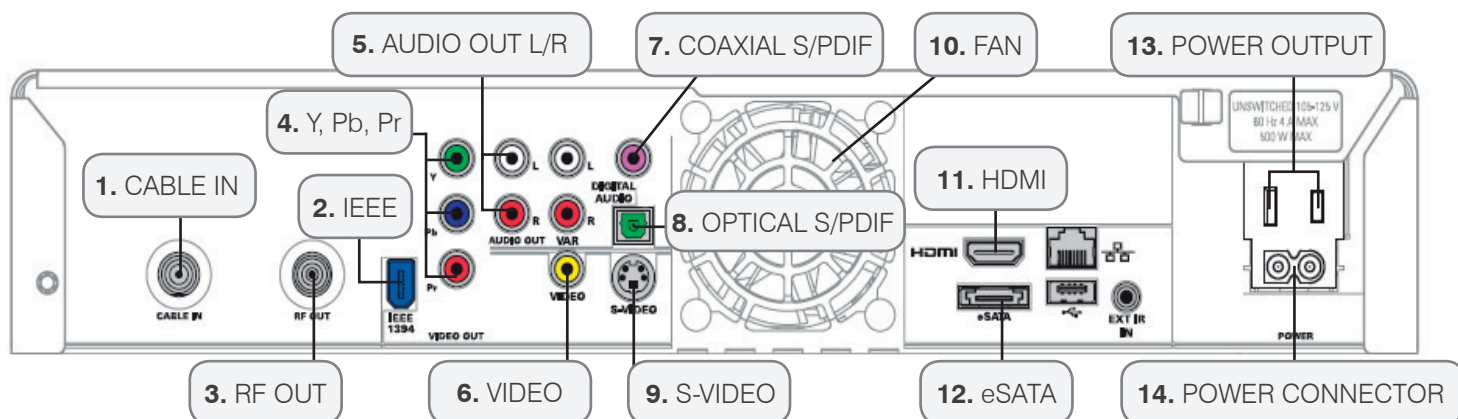
To switch from an image format to the other.

9. CHANNEL +/-

Switches channel by going to the next or preceding ones.

Section 1 - Your new terminal

DCX3400 rear panel



1. CABLE IN

Connects to the signal from the service provider.

2. IEEE

Dolby 5.1 digital audio/video interfaces. To connect an HD screen or television set.

3. RF OUT

Conventional cable output used to transmit basic image and sound. Connect with standard cable.

4. Y, Pb, Pr

These connectors transmit component video to high definition receiver or television set. Use component cables.

5. AUDIO OUT L/R

RCA-type connectors transmit sound to a stereo receiver.

6. VIDEO

Video composite connector allows the transmission of images in analog mode to equipment such as VCR and television set. Please note that the image is of lower quality compared to using the Component (Y, Pb, Pr) or HDMI output.

7. COAXIAL S/PDIF

Coax S/PDIF orange connector is a digital output supporting Dolby Digital 5.1 or audio PCM sound used to connect the terminal to a stereo tuner or an A/V receiver to get a theater-quality surround sound.

8. OPTICAL S/PDIF

OPTICAL S/PDIF connector is an optical digital output transmitting Dolby Digital 5.1 or audio PCM sound used to connect the cable box to a stereo tuner or an A/V receiver to get a theater-quality surround sound through a S/PDIF fibre optic-type cable.

Section 1 - Your new terminal

9. S-VIDEO

Connector transmitting high quality standard video to S-VIDEO peripherals such as high-end VCR and television set. Use an S-VIDEO-type cable along with an RCA cable.

10. FAN

Allows cooling of the terminal.

11. HDMI

Dolby 5.1 digital audio/video interfaces. To connect an HD screen or TV set, use a HDMI/HDMI or HDMI/DVI cable, according to the television set.

12. eSATA

Not yet operational.

13. POWER OUTPUT

This alternating current outlet can be used as an additional outlet to connect your television set to the terminal. It is not recommended to plug in several devices on this outlet or powerful equipment such as home theater.

14. POWER CONNECTOR

To plug in the female end of the supplied power cord.

DCX3510/DCX3520

DCX3510 and DCX3520 offer digital video recording (DVR) as well as a double tuner. With the DCX, we merged many digital cable functions, infinite programming options and an HD sound and image quality.

DCX3510 and DCX3520 feature a hard drive allowing to record HD content, and offers viewing and recording features.

DCX3510/DCX3520 recording capacity

Digital video recorder capacity varies according to the video format you want to record. Here are a few guidelines to determine the recording capacity:

- **Digital shows:** Approximately 300 hours of standard digital format programming can be recorded.
- **High definition shows (HD TV):** Shows broadcasted in high definition can be recorded in the same format, as long as your PVR is connected to an HD television set. Between 50 and 60 hours of HD programming can be recorded depending on the quality of the recorded content.

The maker and TV guide provider cannot guarantee the exact amount of programming data can be recorded. The approximate length depends on the type of programming.

Section 1 - Your new terminal

DCX3510/DCX3520 front panel



1. DISPLAY PANEL

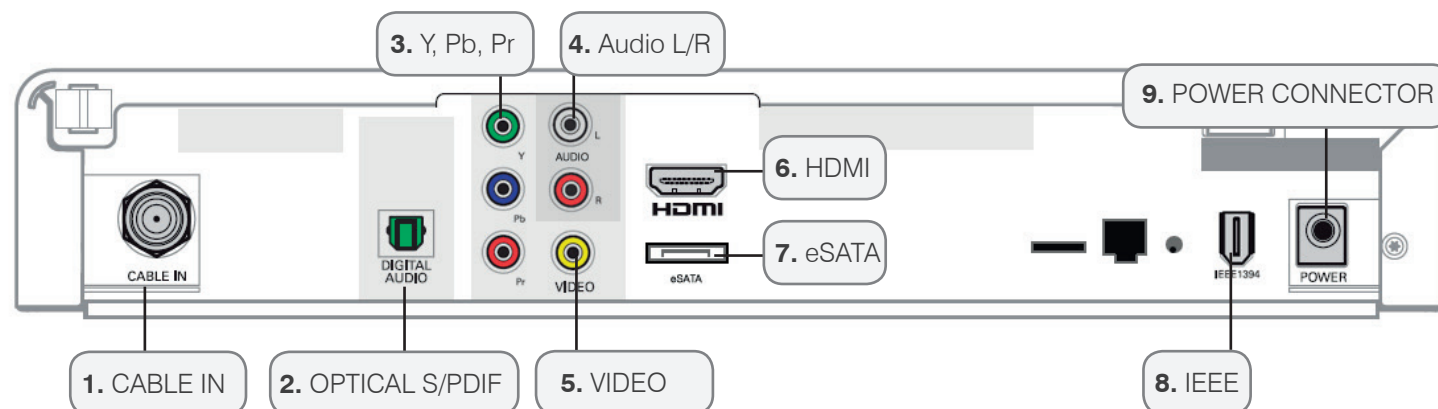
The main panel displays channel number or clock. Here are the indicator lights on the panel:

- **REC 1** – Indicates an ongoing recording on the first tuner.
- **REC 2** – Indicates an ongoing recording on the second tuner.
- **DATA** – Indicates the terminal is processing programming data.
- **IR** – Indicates the terminal is processing data from the remote control.
- **Image format (1080 P, 1080 I, 720 P, 480 P, 480 I)** – Indicates the image format used.

2. POWER

Indicates the terminal is on or off.

DCX3510/DCX3520 rear panel



Section 1 - Your new terminal

1. CABLE IN

Connects to the signal from the service provider.

2. OPTICAL S/PDIF

OPTICAL S/PDIF connector is an optical digital output transmitting Dolby Digital 5.1 or audio PCM sound used to connect the cable box to a stereo tuner or an A/V receiver to get a theater-quality surround sound through a S/PDIF fibre optic-type cable.

3. Y, Pb, Pr

These connectors transmit component video to high definition receiver or television set. Use component cables.

4. AUDIO L/R

Allows adjustment of the volume sent to a stereo receiver.

5. VIDEO

Video composite connector allows the transmission of images in analog mode to equipment such as VCR or television set. Please note that the image is of lower quality compared to using the Component (Y, Pb, Pr) or HDMI output.

6. HDMI

Dolby 5.1 digital audio/video interfaces. To connect an HD screen or TV set, use a HDMI/HDMI or HDMI/DVI cable, depending on the television set.

7. eSATA

Not yet operational.

8. IEEE

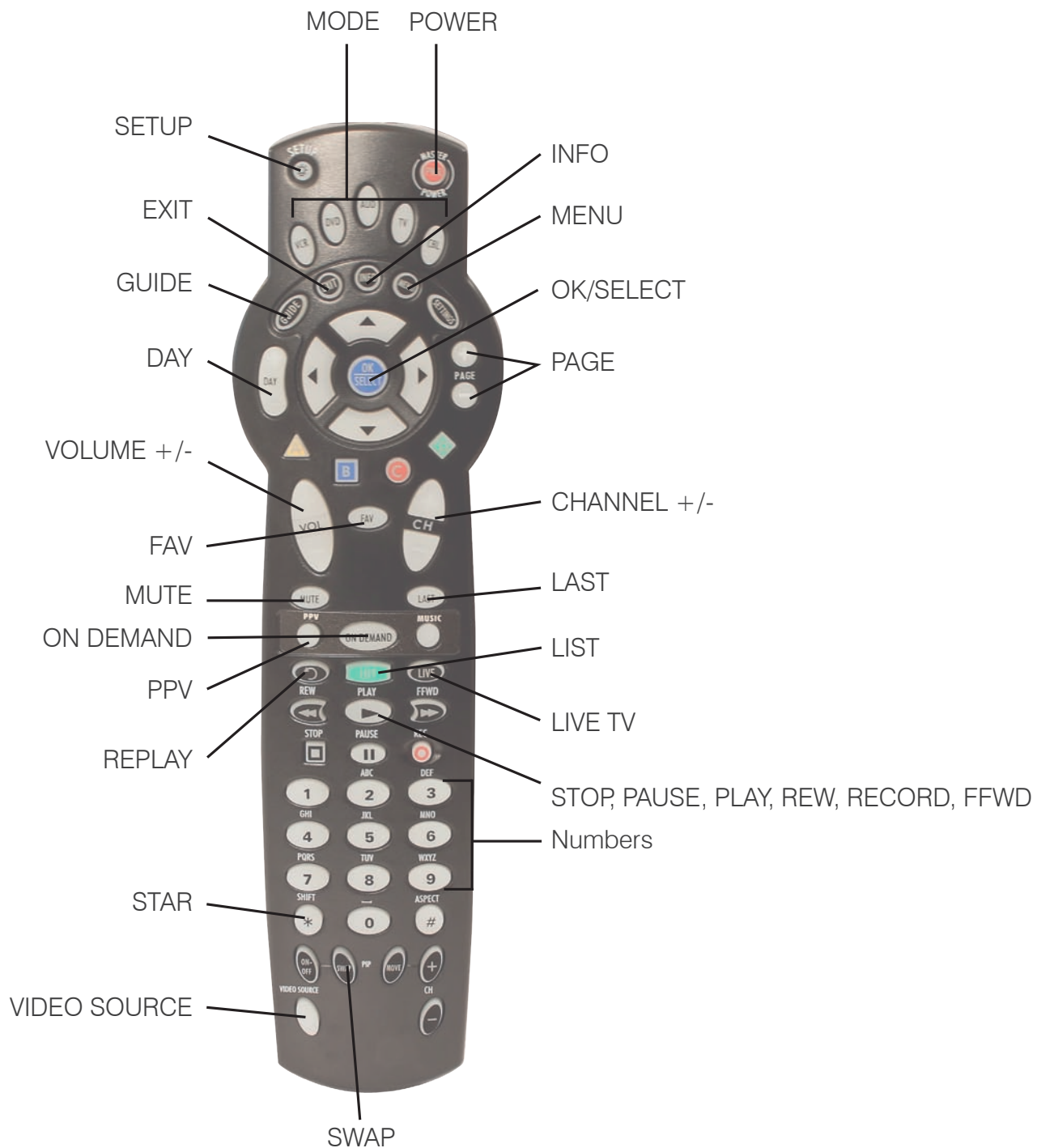
Not yet operational.

9. POWER CONNECTOR

To plug in the female end of the supplied power cord.

Section 1 - Your new terminal

Using the remote



Section 1 - Your new terminal

POWER

Press POWER to turn selected source on or off.

MODE

To select the apparatus the remote will control. The selected apparatus will be active unless another one is selected.

SETUP

To program the remote (see your remote user guide).

EXIT

To get back to live TV.

GUIDE

Displays TV guide.

DAY

To move TV guide display one day up.

VOLUME +/-

Increases or decreases volume of the VCR, television set or audio device. Please select the device before increasing or decreasing volume.

FAV

To tune to your favorite channels once you have set up your favourites list.

MUTE

Activates or deactivates the sound.

ON DEMAND

Video on demand (where technology permits)

PPV

Allows direct access to pay-per-view, where technology permits.

REPLAY

Replays the 15 last seconds on the currently-tuned channel.

STAR

Locks up viewing of selected programs or displays pay-per-view menu.

VIDEO SOURCE

To select signal input to be displayed on your TV set.

SWAP

Toggles between TV tuners. See the *VCR recording* section.

Numbers

Press channel numbers to tune to a channel.

Section 1 - Your new terminal

STOP, PAUSE, PLAY, REW, RECORD, FFWD

Controls VCR, DVD and CD players, as well as live TV and PVR content.

LIVE TV

Jumps to live TV.

LIST

Allows access to recorded programs.

LAST

Return to the preceding channel or screen.

CHANNEL +/-

To get to the preceding or next channel.

PAGE

Scroll to the next or preceding page of listings.

OK/SELECT

To select highlighted items or, while watching TV, display or remove on-screen quick menu.

MENU

To access main menu and quick menu.

INFO

Displays program information.

Remote control basic setup

This step is not essential, and allows the remote control to manage television set, game console, DVD player or any other entertainment equipment.

For basic remote control programming, consult your remote control user guide.

We recommend locking channels and volume. Guidelines are included with your remote control user guide.

The remote control we provide is designed to work with your terminal.

Section 1 - Your new terminal

Rear panel connectors



RF

Use RF-type cables provided with the digital terminal for basic connection.



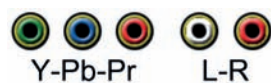
COMPOSITE

Use composite cables with audio and video outputs for an improved quality.



S-VIDEO

For optimal image quality, use an S-VIDEO-type connector along with two composite sound cables (red and white). To benefit from Dolby 5.1 digital sound quality with your home theater, use a coax or optical digital sound connector.



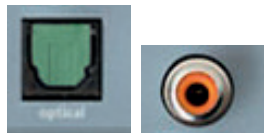
Y, Pb, Pr

Component cable connectors. For a high definition image, use Y, Pb, Pr cables along with composite sound cables.



HDMI

To enjoy HD superior quality image and Dolby 5.1 sound, use an HDMI cable.



Coax and optical connection

To benefit from optimal Dolby 5.1 digital sound. For home theater connection only.



eSATA

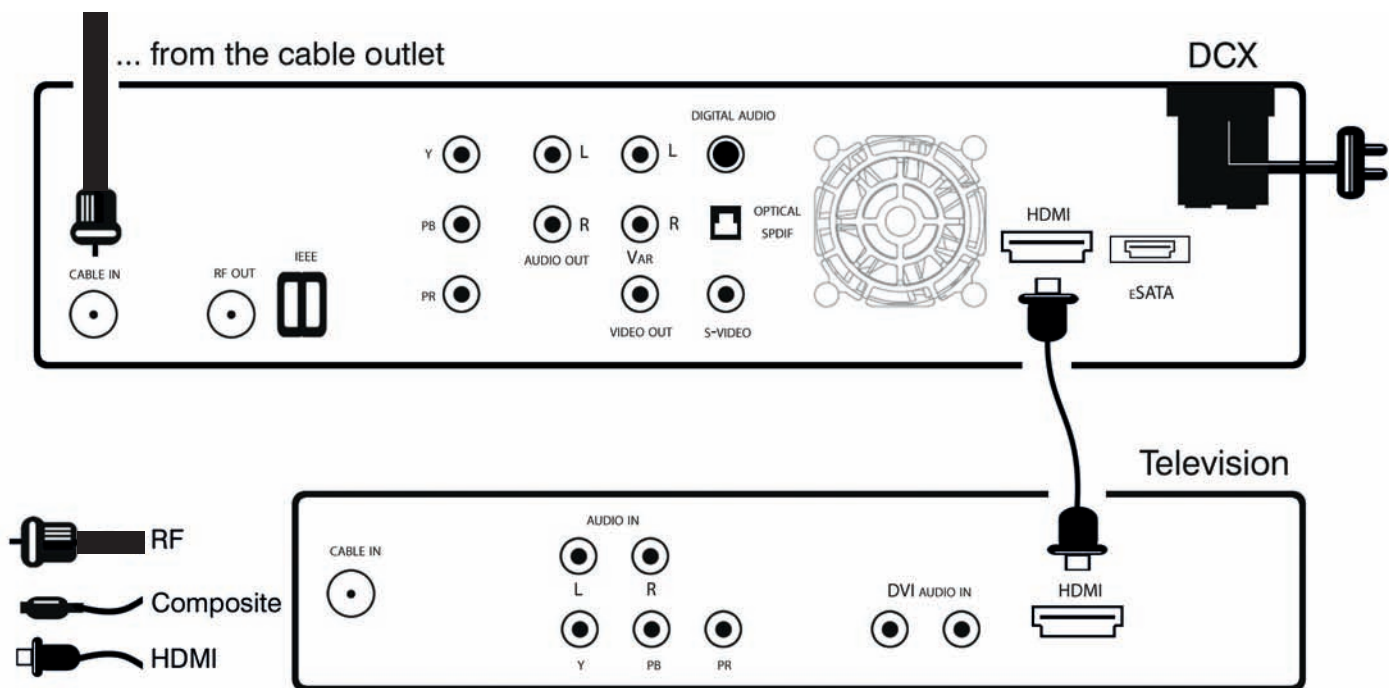
Not yet operational.

Section 1 - Your new terminal

HDMI connection

This connection provides the best HD image and sound quality. HDMI cable connects terminal to the television set and carries image and sound signal.

NB: Some of the connections below are not available on all DCX.

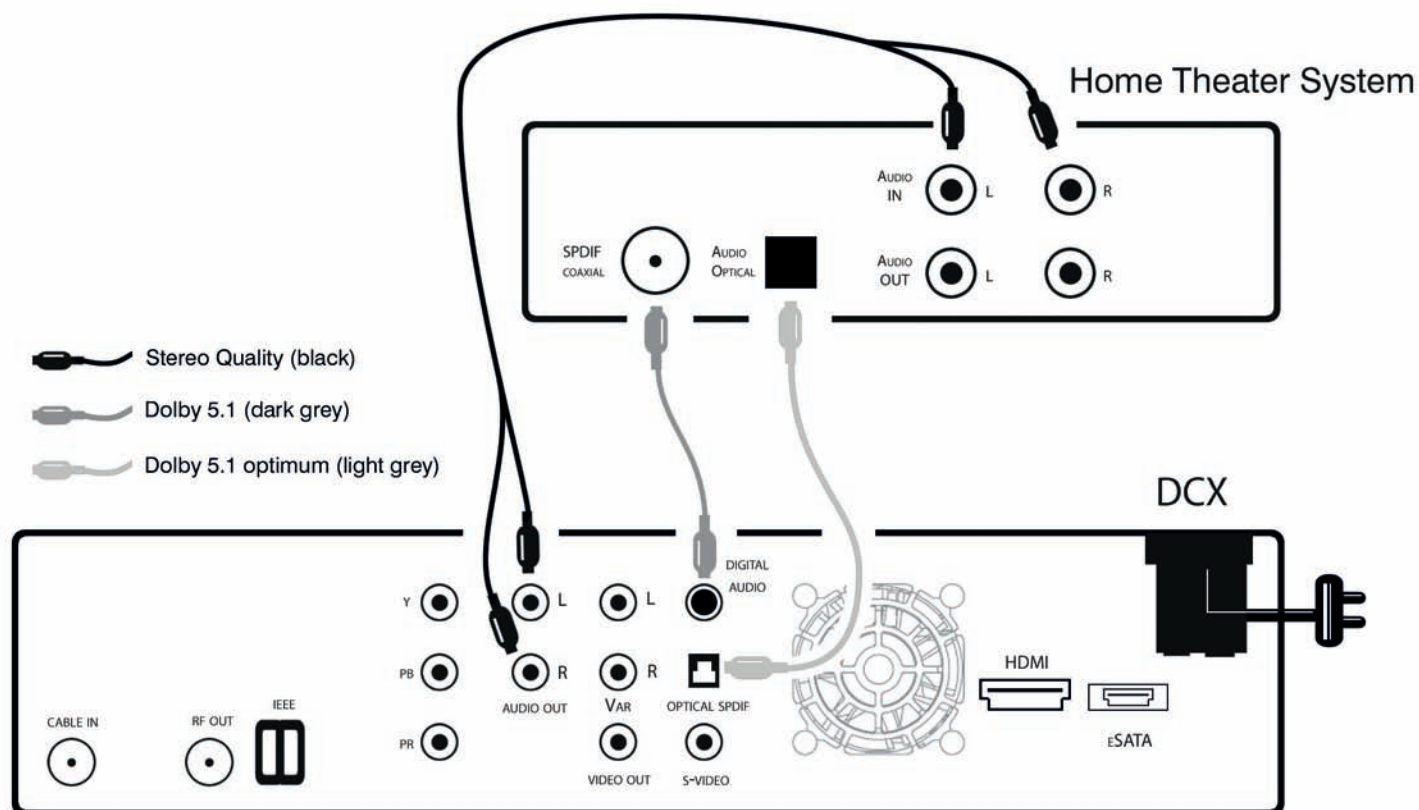


Section 1 - Your new terminal

Home theater connection

Connect your terminal to a home cinema system with a composite cable plugged into the DIGITAL AUDIO terminal output and home cinema input. Then, select the corresponding source on the home cinema. You can use an optical cable to connect home cinema to the terminal in order to get a better audio quality.

NB: Some of the connections below are not available on all DCX.



Section 1 - Your new terminal

Simple guideline for the initial setup of your terminal

Turning power on and off

To turn terminal on or off, make sure the remote control is in CABLE mode by pressing **CBL**, then **POWER**. The **POWER** light indicator will light up on the terminal front panel.

Changing channel

Make sure the remote control is in CABLE mode and punch in the channel number you want to tune to, or press **CHANNEL +/-** on the remote control to select a channel. If you are having difficulties, consult the remote control user guide.

Interactive guide

Press **GUIDE** on the remote control. The interactive guide will display the current program information and allow you to access options such as Parental control.

Volume

Your terminal and television set have independent volume settings. However, for an optimal sound quality, volume should be at the highest setting on the terminal and be controlled through the TV. It is recommended to lock **VOL +/-** button in TV mode. This procedure can be found in your remote control user guide.

TV INPUT

With conventional analog cable, switching channels was done directly on the TV set. With digital cable, channel selection is done through the terminal. You must select the source of the signal to be displayed on your TV screen.

To do so, press the source button that can either be called **INPUT** or **TV/VIDEO**. On the terminal remote control, press **VIDEO SOURCE** and the TV set will display the current source.

The connection varies from one TV brand to the other. To make sure you have the right connection, locate connections on the back of your TV set to identify each source.

For example, a cable plugged in the screwed connector is actually connected on the TV connection. Press **INPUT** until a channel is displayed on the monitor.

Section 2 - Digital cable access

Diagrams and functions introduced in this section may differ from your terminal.

Interactive guide basic navigation tips:

- Highlighting shows where you are when navigating through menus with your remote control.
- Press **▲▼◀▶** buttons to move the highlighting.
- Press **OK/SELECT** to confirm your selection.
- Press **EXIT** to watch television.

Interactive guide

Select program title and press **OK/SELECT**. If it is currently broadcasted, you will be able to tune in. If it is aired later on, an information screen will display its specifics.

1. Press **GUIDE** to access TV schedule.
2. TV guide displays 90 minutes of schedule. While navigating, your selection is highlighted and a description of the event is displayed on-screen.
3. Use **▲▼** buttons to navigate through the channels, then **◀▶** buttons to see the broadcast schedule for the day or upcoming days.
4. For faster search:
 - Use **PAGE ▲▼** buttons to search through channels faster.
 - Use **DAY ◀▶** buttons to leap 24 hours forward.

The TV guide appears in the form of a schedule displaying channel numbers and names as well as the time frame.



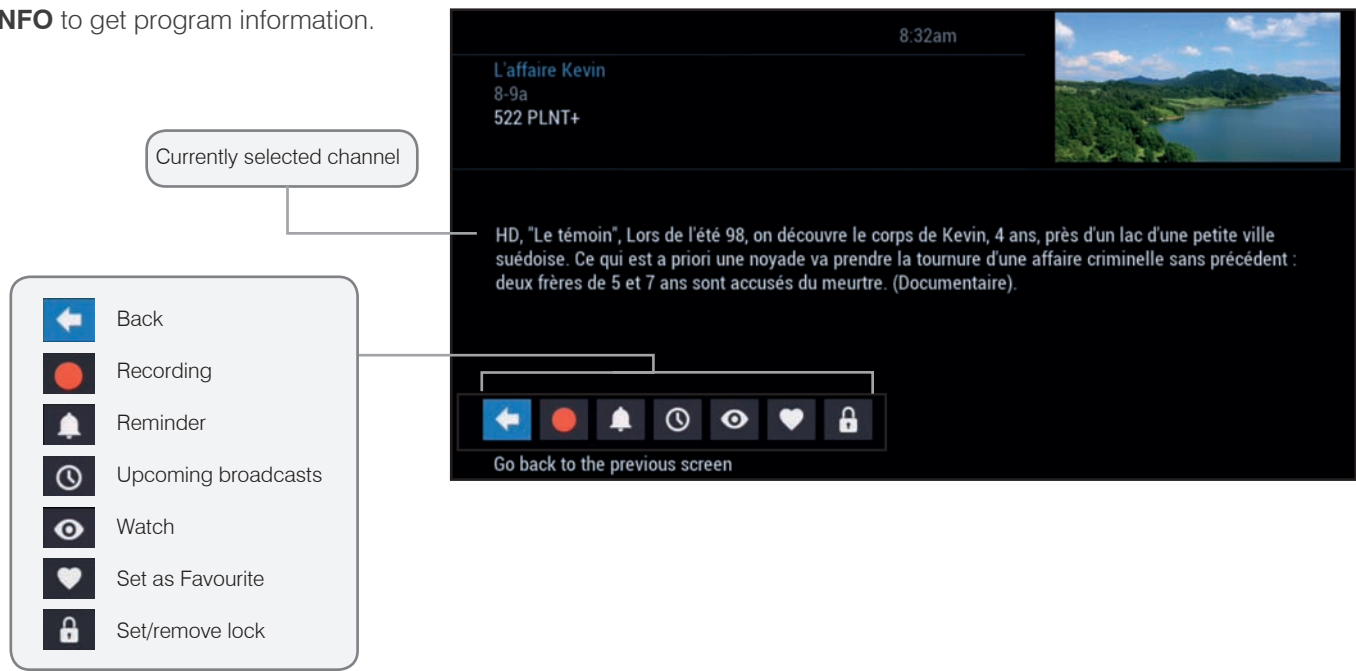
The screenshot shows a TV guide interface with the following components:

- Selected show title, scheduled broadcast, description, PG-rating and channel number:** Points to the top section showing "L'affaire Kevin", "8-9a", "HD, 'Le témoin', Lors de l'été 98, on découvre le corps de Kevin, 4 ans, près d'un lac d'une petite ville suédoise. Ce qui est a priori...", and "522 PLNT+".
- Currently selected channel:** Points to the "522 PLNT+" text.
- Schedule date and time:** Points to the "Today" and "8:30a" headers.
- Abbreviated channel name and number:** Points to the first column of the schedule table.

Today	8:30a	9:00a	9:30a	>
522 PLNT+	L'affaire Kevin	Faits divers, le mag		
523 TDC	Mayday	Bones		
524 ICIEX	La semaine verte	N'ajustez pas votre...	N'ajustez pas votre...	
560 MTV	Degrassi	Degrassi High	Degrassi	
561 TLN	Un Extraño en la Puerta	Magnifica Italia	David Rocco's Dolce Vita	
562 COOKC	David Rocco's Dolce Vita	David Rocco's Dolce Vita	Food Factory	
563 CITYM	Breakfast Television	CityLine		

Section 2 - Digital cable access

Press **INFO** to get program information.



Listings are colour-coded to easily identify all program types:

- Purple – Movies
- Green – Sports
- Light blue – Kids

Info bar and quick guide

As you go through channels, the info bar provides you with information about currently airing shows. This includes show title, start/end time, channel number, current time, as well as a brief description of the program.

1. To display info bar while already watching another channel, press **INFO**.
2. Once you find a program you are interested in, press **OK/SELECT** to hide info bar or **INFO**, to get more information.
3. Press **CHAN ▲ ▼** to change channels and access info bar.

Section 2 - Digital cable access



Quick menu

The quick menu features short cuts to digital cable service as well as interactive guide main functions. To access Quick menu, press **MENU** on your remote control. Quick menu allows direct access to the interactive guide without having to navigate through various menus.



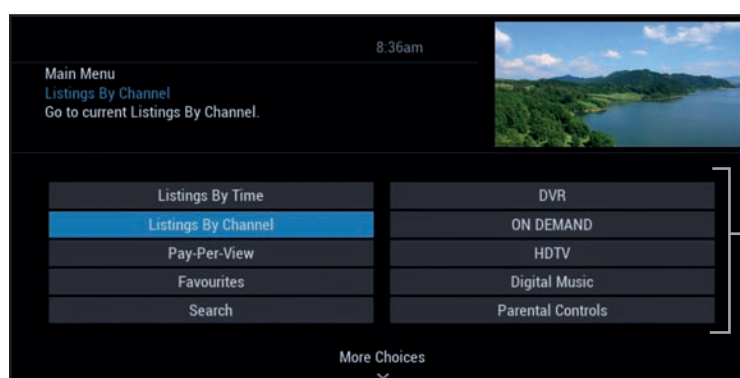
Section 2 - Digital cable access

Main menu

Main menu gives you access to all digital cable functions.

Press **MENU** on your remote and select available options, such as displaying TV guide by schedule or channel, parental control, favourite channels and pay-per-view.

On the Main menu, select Listings by channel and press **OK/SELECT** to sort through channels.



Pay-per-view: Pay-per-view section access
Favourites: List of selected favourite channels
Search: Search through categories
DVR: Recording-related functions
On demand: Video on demand (where technology permits)
HDTV: High definition channel guide
Digital music: List of digital musical channels
Parental control: Channel and show lock up
 ---More choices---
Configuration: Guide settings

Hourly channel guide

Displays 210 minutes of time frame for a single channel.

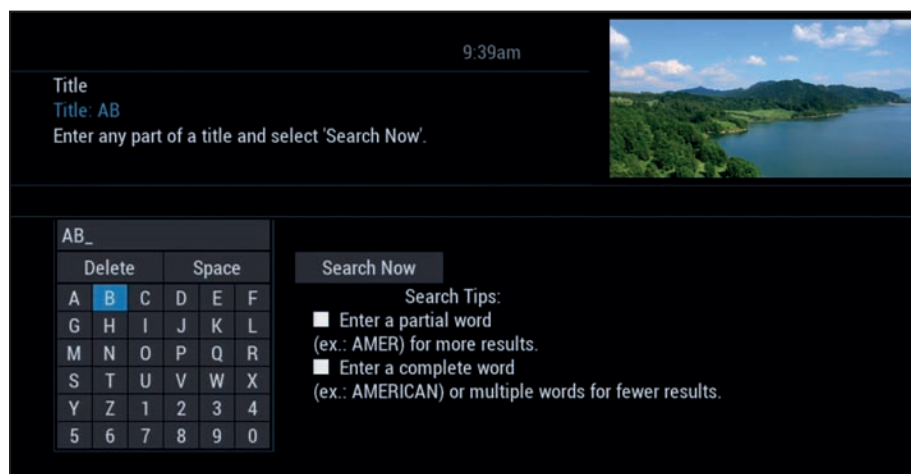
To display compressed guide for a single channel, press **GUIDE** twice, or:

1. Select **Listings by channel** from the main menu;
2. Press ▼ to view the next channel schedule;
3. Press ◀ ▶ and **PAGE** ▲ ▼ to navigate;
4. Press **INFO** on your remote control to view all program information;
5. Highlight your selection and press **OK/SELECT** to tune in the currently airing channel.

Section 2 - Digital cable access

Title search

1. Select **Title** in the search menu. Use navigation arrows to select letters and press **OK/SELECT**.
2. Access the list on the right by pressing the ► key on your remote.
3. Select your choice with arrows and press **OK/SELECT** to tune in.



To save search results, select **Save search** option and press **OK/SELECT**.
 To view saved lists, select **Saved searches** option from the search menu.


Section 2 - Digital cable access

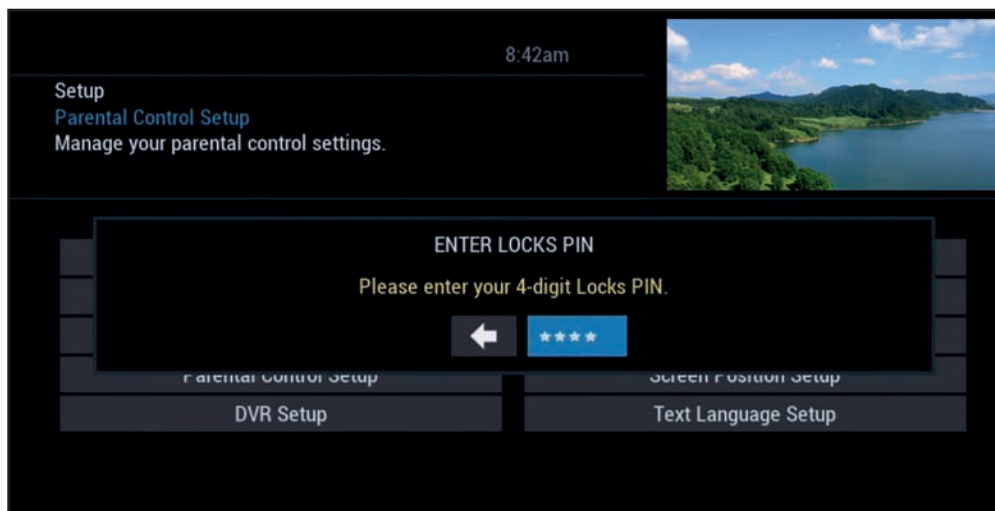
Parental control and purchase code

Parental control allows you to limit viewing as well as access to selected content. Create a four-digit code to lock channels, ratings and titles. You can hide adult-rated content so it will not be displayed on the screen.

Locks PIN

Allows you to limit access to channel content.

1. To set or change a **Locks PIN**, press **MENU**, select **Parental control**  and press **OK/SELECT**.
2. Enter your 4-digit PIN and choose **PINs Setup**.
3. Select **To clear, enter current Locks PIN**. Enter PIN when required.
4. Go back to previous menu, **Parental Control**, and choose from a variety of lock options.



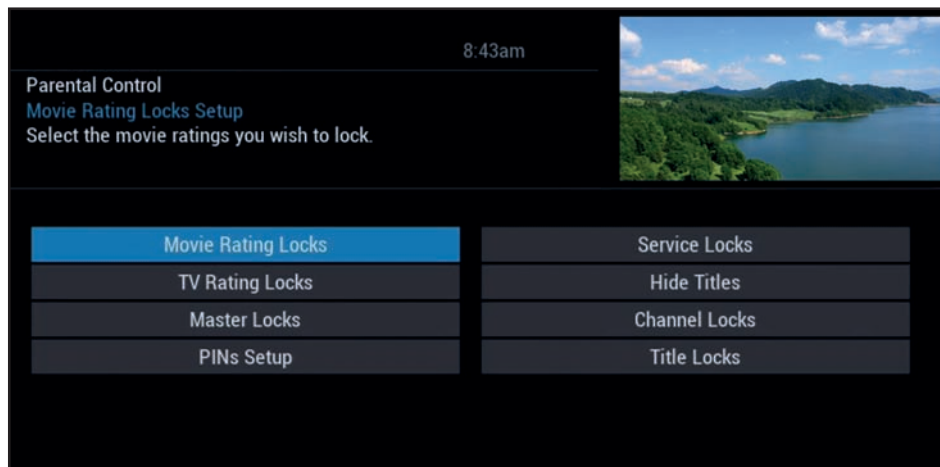
Section 2 - Digital cable access

Parental control

Select **Movie Rating Locks**, press **OK/SELECT** and choose the movie ratings you want to block.


For example, if you wish to block movies with violence, inappropriate language for children or containing adult subject matters, select **R** and press **OK/SELECT**. All adult categories will be locked.

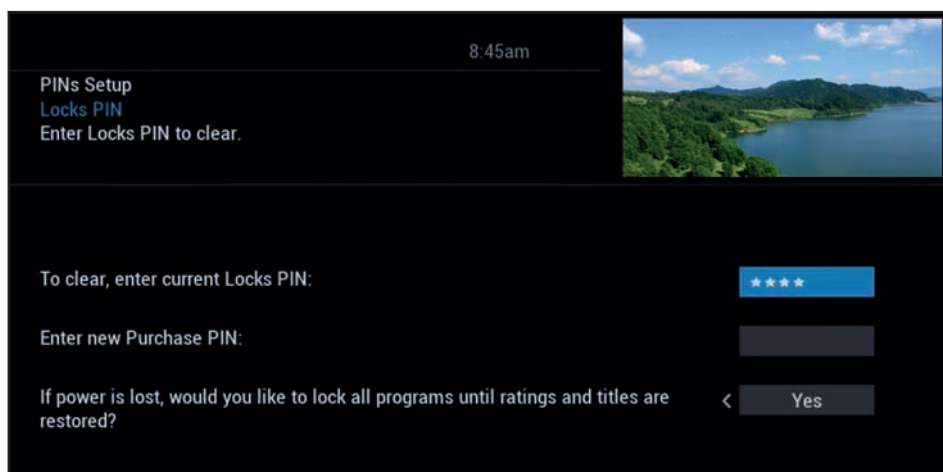
The lock icon will appear on your guide, with the blocked movie description. The screen will remain black and you will need the PIN to access content.



Purchase PIN

Limits access to paid-content On Demand and pay-per-view. Your default PIN is 1.2.3.4.

1. To set or change a **Purchase PIN**, press **MENU**, select **Parental control**  and press **OK/SELECT**.
2. Enter your 4-digit PIN and choose **PINs Setup**.
3. Enter current locks PIN and new PIN. Enter PIN when required. The new purchase code will now be required to rent content.



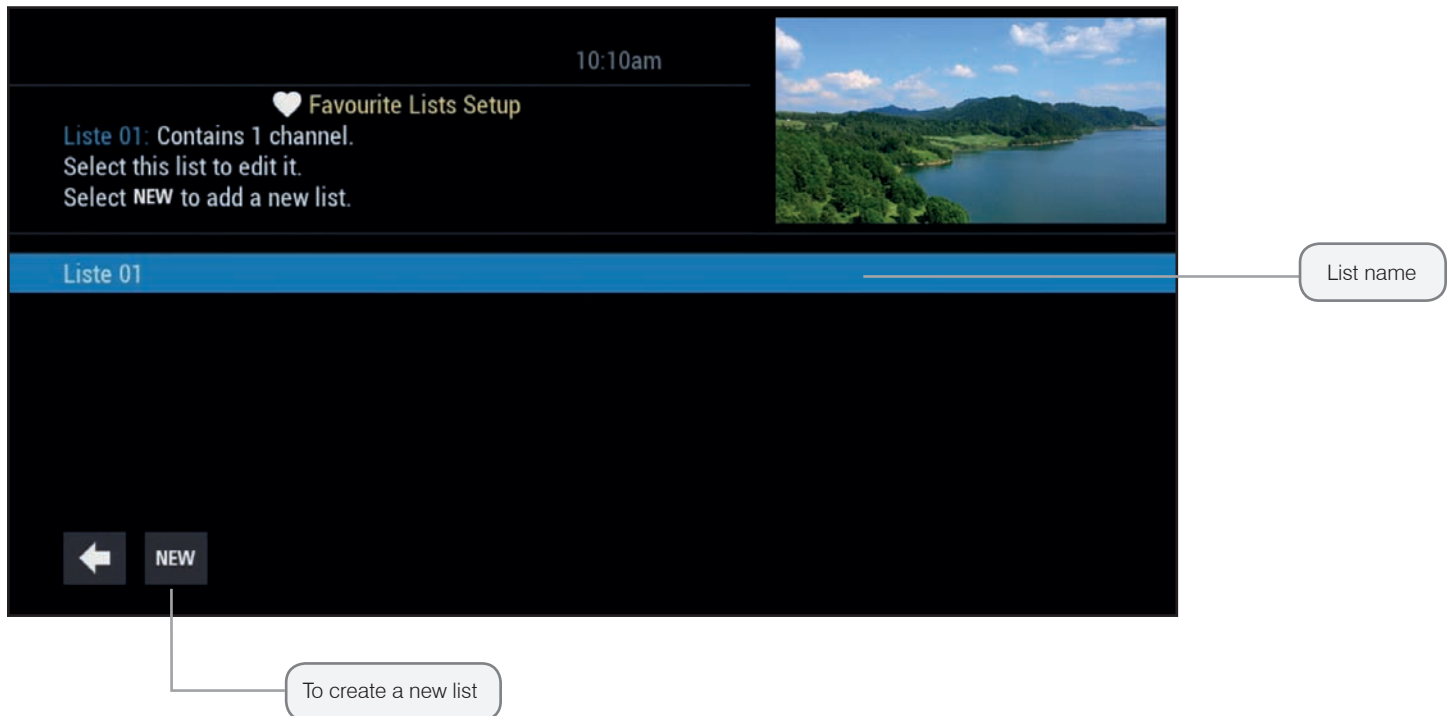
Section 2 - Digital cable access

Favourites

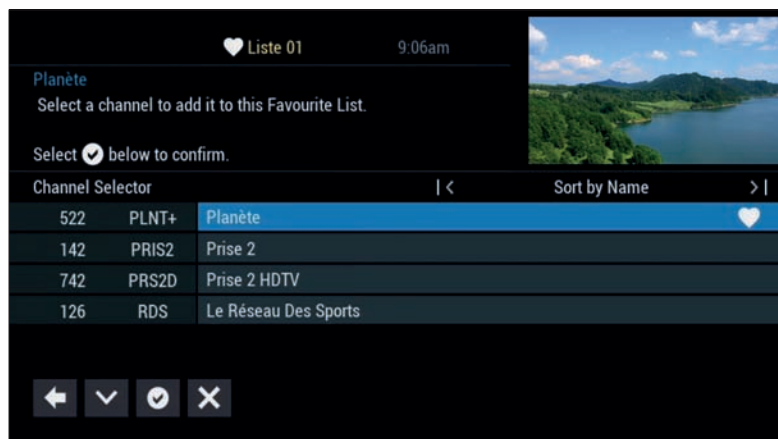
The **Favourites** option allows you fast access channels identified as your preferred ones.

To add channels to your Favourites list:

1. Select the **Guide setup** option from the **Main menu**;
2. Select **Favourites** option;
3. Select a list and press **OK/SELECT**.



Section 2 - Digital cable access



If no list has yet been created, you can create one by following these steps.


- If list is empty, press .

- Highlight a channel and press **OK/SELECT**. The heart symbol will appear next to each favourite item.

To delete channels from your favourites list:

To delete channels from your favourites list, highlight it and press **OK/SELECT**. The heart symbol will disappear and the channel will no longer be part of your favourites.

To view a list of your favourite channels:

Select **Favourites** from the Main menu or the  icon from the Quick guide to view your favourite channels. While on the TV guide, press **▲▼** on the remote control to move highlight to your next favourite channel. Press **FAV** to tune to your favorite channels when the TV guide is not displayed.

GUIDE TIP: you can also use **Favourites** option for digital music channels or when listening to music. Press **FAV** to go through you favourite music channels.

Guide reminder

You can set a reminder to be sure you don't miss shows you want to watch.

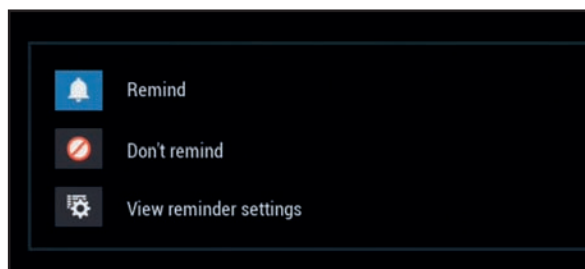
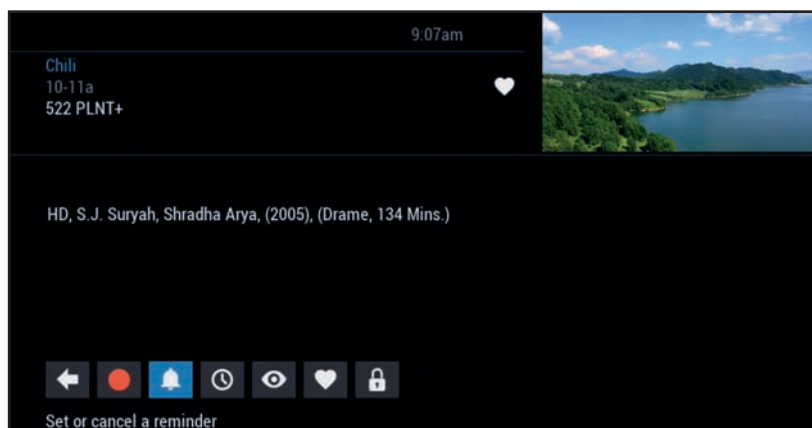
To set a reminder

1- Select the program you don't want to miss from the TV guide.

2- Press **OK/SELECT** or **INFO** on your remote control.

3- Select the  icon and press **OK/SELECT**.

4- To set the reminder, choose **Remind**. The icon will be displayed next to the selected show title.

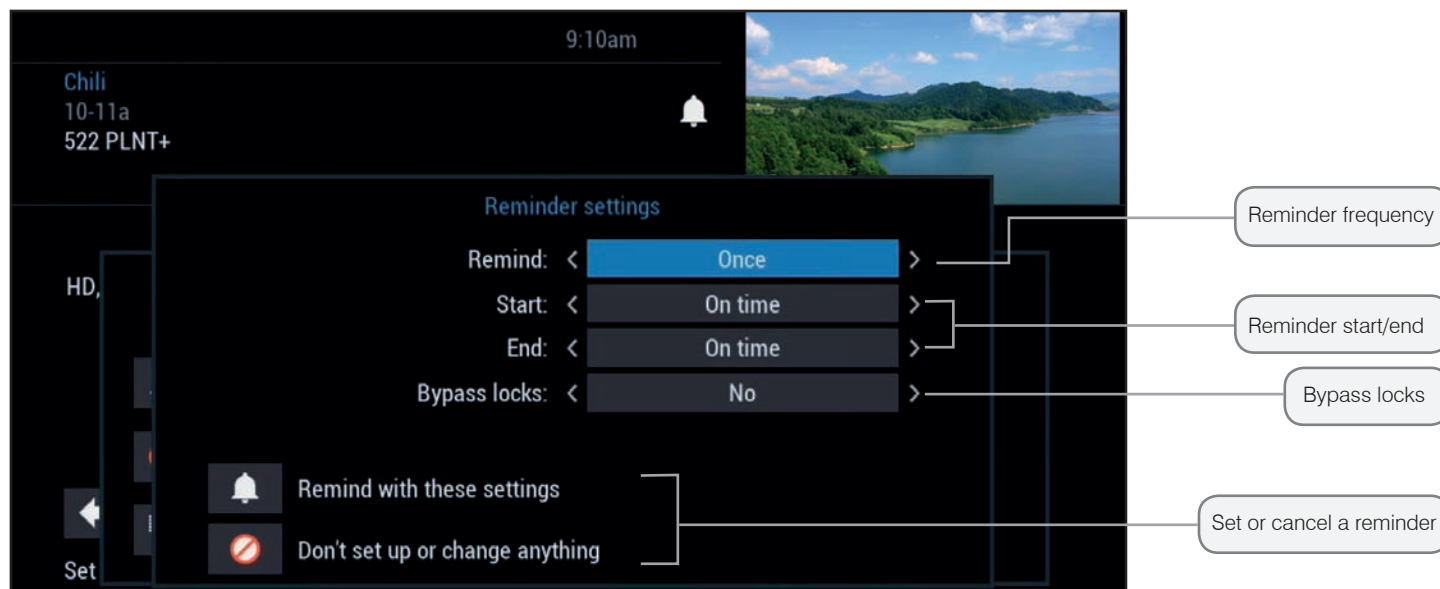


Section 2 - Digital cable access

Reminder options

Reminder options allow you to customize the frequency and use of reminders. When setting up reminders, select **View reminder settings**.

1. Use ◀ ▶ navigation arrows to program recurrent reminders to pop up once, once a day, once a week or from Monday to Friday.
2. Set the on-screen alert delay (up to 15 minutes before the broadcast).
3. Reminders can be displayed after broadcast (up to 2 hours after program ends).
4. When setting up reminders, you can bypass control locks. You can tune to channels right from the alert without having to enter your PIN (for more details, see *Parental control* section).



Section 2 - Digital cable access

Recordings (DCX3400/3510/3520)

With your PVR, you can record your favourite shows, rewind or pause live TV.

Live TV recording

Thanks to its 2 tuners the terminal allows you to simultaneously record live content from 2 channels.

Tuners automatically store up 2 hours of standard definition content and half an hour of high definition. This allows you to rewind and pause TV from the moment you tuned in. When you switch channels, information stored from the preceding channel is lost.

Status bar

Located on the bottom of the screen, the status bar allows control of content stored in the terminal buffer memory. When time bar is entirely blue, 2 hours of SD content is stored (30 minutes of HD content). Time bar fills up further as tuner is set on the same channel. For example, if terminal is set for 30 minutes on the same channel, you can rewind up to 30 minutes on the time bar, that is, from the time the tuner was set on this channel.

You can switch between both tuners with the **SWAP** button of the remote control. When pausing the first tuner and swapping to the other one, the first tuner will continue storing information.

If different shows have been stored, the terminal will assign them each a different colour. The ongoing show is always the one with the blue time bar.

You can save stored content by pressing **REC** and recording it on your terminal. An ongoing show that is fully stored on the time bar will be recorded in full. An ongoing show that isn't stored from the beginning will not be recorded in full.

Live or recorded TV viewing control is similar as with **DVD** player. The **PAUSE** button puts viewing on hold; **PLAY** button resumes viewing, while the **STOP** button ceases viewing altogether. You may also fast forward or rewind recordings with **FFWD** and **REW** (press up to 4 times to increase speed). Combine **FFWD** and **REW** buttons with **PAUSE** for slower motion.



Section 2 - Digital cable access

To record TV program


There are two ways to record a TV program with the interactive guide:

1. One-time recording;
2. Series recording.


One-time recording

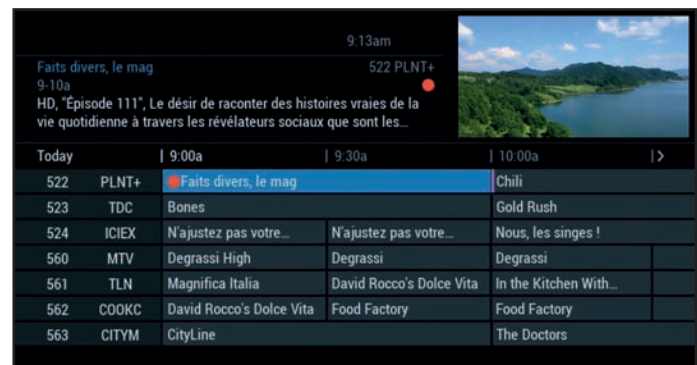
One-touch record allows you to record a single episode or movie selected on the interactive guide. There are two ways to proceed.

First method:

1. Select the program you want to record from the TV guide;
2. Press **REC**  ;
3. A red dot should appear next to the program title on the TV guide.

Second method:



1. Select the program you want to record from the TV guide;
2. Press **OK/SELECT** or **INFO**;
3. Select the record symbol  from the menu bar;
4. Press **OK/SELECT**;
5. Select **Record this program**;
6. Press **OK/SELECT**;
7. A red dot should appear next to the program title on the TV guide.



Section 2 - Digital cable access

Series recording

Series recording allows you to record each broadcast of a series without having to set up the terminal each time.

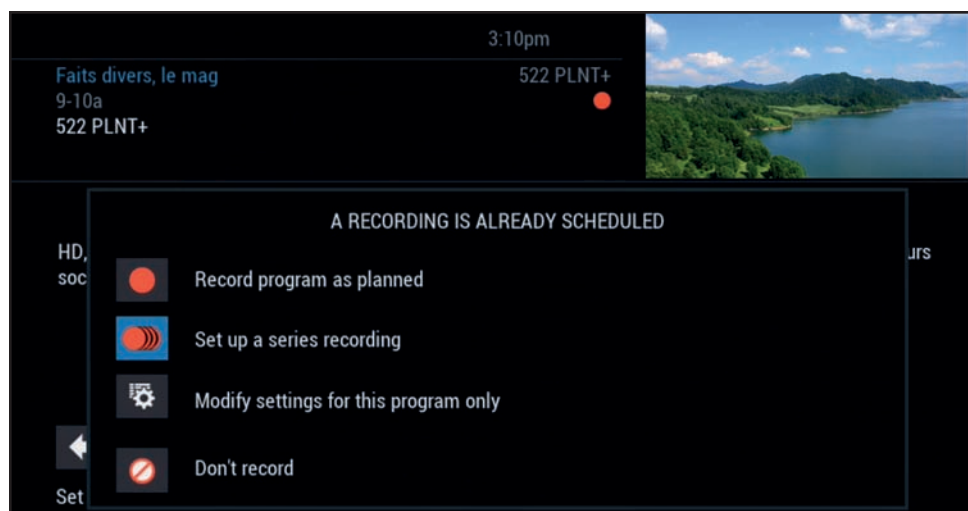
1. Select the series you want to record from the TV guide.
2. Press **OK/SELECT** or **INFO**.
3. Select the record symbol  from the menu bar.
4. Press **OK/SELECT**.
5. Select **Record this series** from the menu.
6. Press **OK/SELECT**.
7. Select your preferred settings from the option menu.
8. Select **Record series with these settings**.
9. The series recording symbol  should appear next to the program title.

Series recording features

Select a series set up to be recorded from the TV guide and press **INFO** or **OK/SELECT**.

Select the series recording symbol .

Select **Modify recording settings** and press **OK/SELECT** to access available options.



Section 2 - Digital cable access

Record: This option allows you to decide whether terminal should record every episode or only prime time, hence discarding reruns.

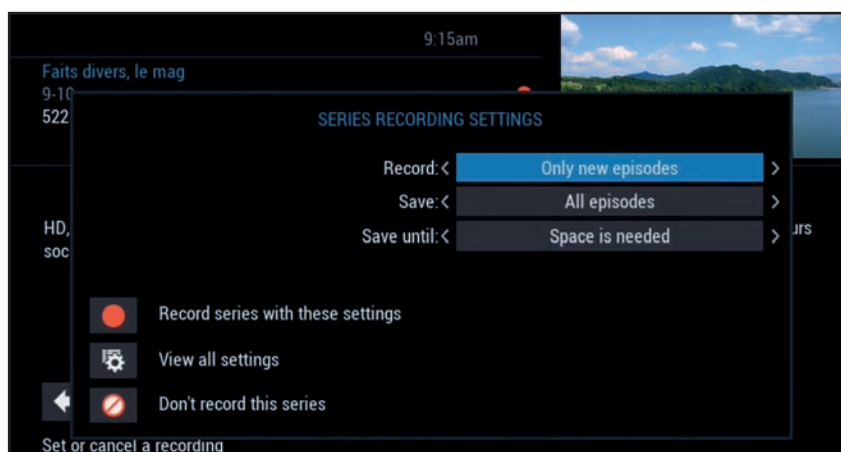
WARNING: This option works only with series that have a specific description for each episode on the TV guide. This option is not functional if the series has a single general description for every episodes.

Save: This option manages how many episodes of a single series will be stored at once on the hard drive. For example, setting it on 3 means the terminal will automatically erase the oldest episode when there are more than 3. This prevents unnecessary overload of the hard drive. When recording all episodes, hard drive stores episodes without deleting any of them.

Save until: This option protects recordings from being unintentionally deleted. When set on **Space is needed**, terminal will erase an episode of this series as the hard drives reaches 80% of its capacity to free disk space. When set on **I delete**, terminal will not delete episodes from this series when hard drive reaches 80% of its capacity.

Record programs on: This option allows you to record episodes only on the channel it was set up to or on any channel the series might be aired.

Start/Stop recording: Sets recording start/stop at the exact time or a few minutes before and after scheduled time.

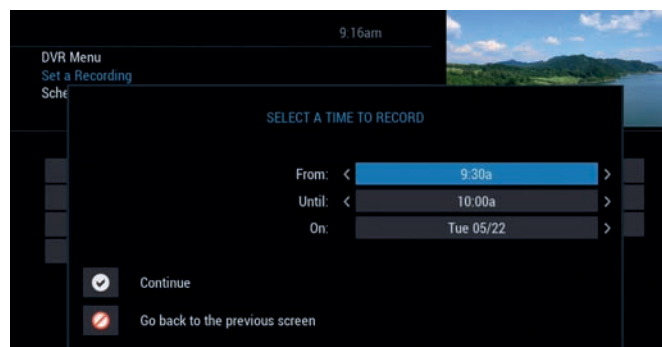


WARNING: Recordings starting minutes before scheduled broadcast must not conflict with other recordings set on the tuner.

Time frame recording

This option allows recording according to channel and time frame criteria, regardless of specific programs. This proceeding allows to record up to 24 hours at a time of a specific time frame.

1. Press **MENU** on the remote.
2. Select **DVR**, then **Set a recording**.
3. Select the start, and end times and day and press **Continue**.
4. Select a channel from the channel list.
5. Press **Record**, and then **Confirm** or **View recording settings** for additional options.



Section 2 - Digital cable access

Manage recordings

PVR section provides access to your list of saved recordings, the next two weeks of upcoming recordings as well as series recordings.

PVR listings

Access your PVR listings through **My recordings**, from the **DVR** menu, or press **LIST**. All recorded content of your hard drive will be listed.

Navigate through the menu with arrow keys and press **OK/SELECT** to view a program.

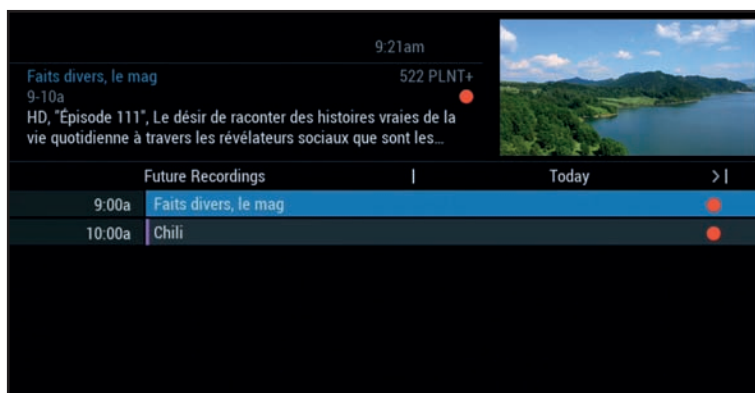
Select **Play**  to resume play from where you left off or  to restart from the beginning. Select  to delete recordings.

Calendar

Displays upcoming recordings for the next 2 weeks.

1- Select **Future recordings** from the main **DVR** menu.

2- Use arrow keys to move through schedule and select recordings you want to modify.



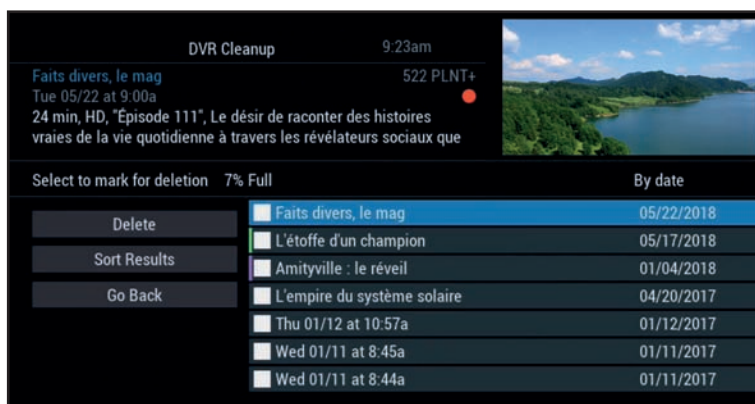
PVR cleanup

This option allows you to sort and delete recordings.

1- Select **DVR cleanup** from the **DVR** menu.

2- Use arrow keys to mark recordings you want to delete.

3- The percentage of used recording space appears above the list.



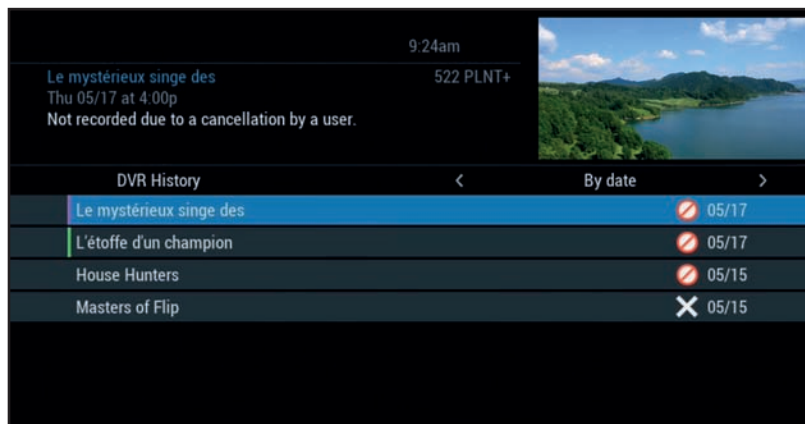
Section 2 - Digital cable access

PVR history

This menu provides an overview of deleted programs over the past 4 weeks.

1- Select **DVR history** from the **DVR** menu.

2- Use arrow keys to navigate through the list. Recordings can be sorted by deletion date.



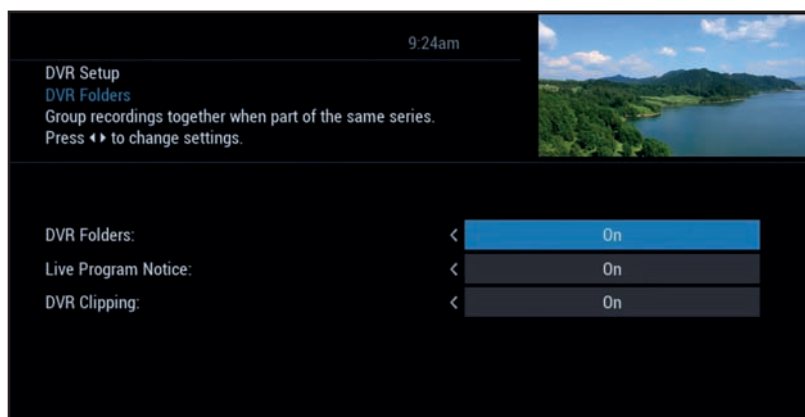
PVR setup

Three options can be activated or deactivated from this section.


1 – **DVR folders:** Groups recordings together when part of the same series.

2 – **Live program notice:** Receive reminders to set longer recordings for live shows.

3 – **DVR clipping:** Clips up to 5 minutes from the start of a show to avoid a conflict.



VCR recording (DCX700/3200)

From an information screen, highlight the  icon from the quick menu and press **OK/SELECT**. Follow on-screen instructions to confirm or program the **VCR** recording settings.

WARNING! VCR must be set to record on channel 3.

Section 2 - Digital cable access

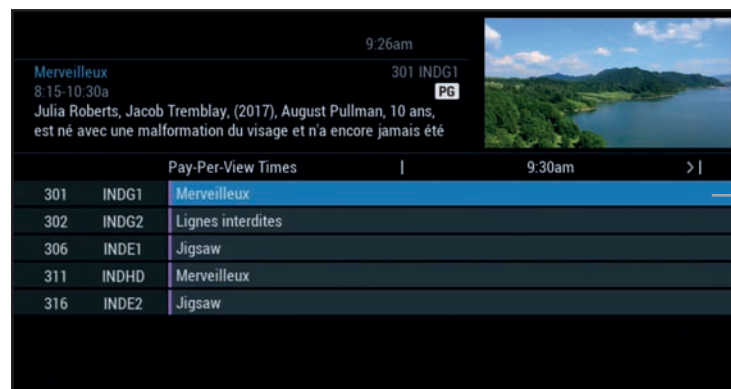
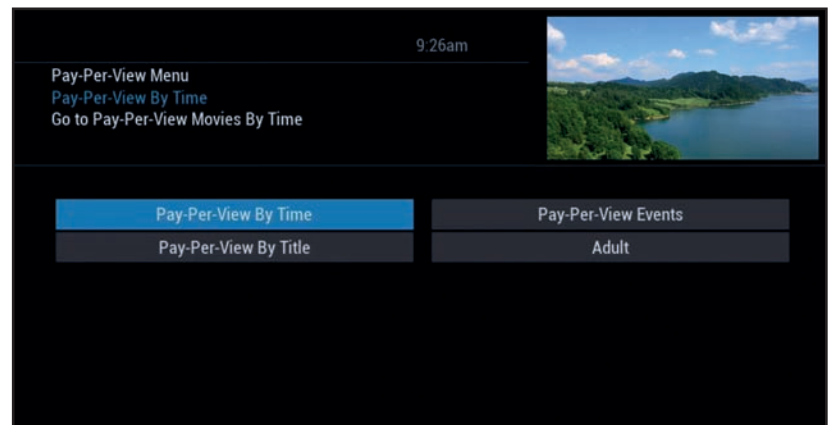
VCR recording options allow you to adapt recordings frequency and usage.

1. Use ◀ ▶ keys to program single recordings, once a day, on a daily or weekly basis, or during weekends.
2. Set the recording start (up to 15 minutes before the show begins).
3. The end-time of your recording allows lengthening recording time up to 2 hours after the program has ended.
4. While setting a recording, you can bypass program locks. You can tune in from the reminder, without having to enter your code even if one is programmed. For more information, see **Parental control** section.

Pay-per-view

Select **Pay-per-view (PPV)** on the main menu to access the search menu. Select search options to view available program listing: by time, by title, events and adult.

1. Once you find a program of interest, highlight the title and press **OK/SELECT** to display the information screen.
2. To order, select **BUY** and press **OK/SELECT**. Follow on-screen instructions to order.
3. If the event is airing later on, a **Reminder** is set to appear before the program starts, prompting you to tune in.



Movies listing

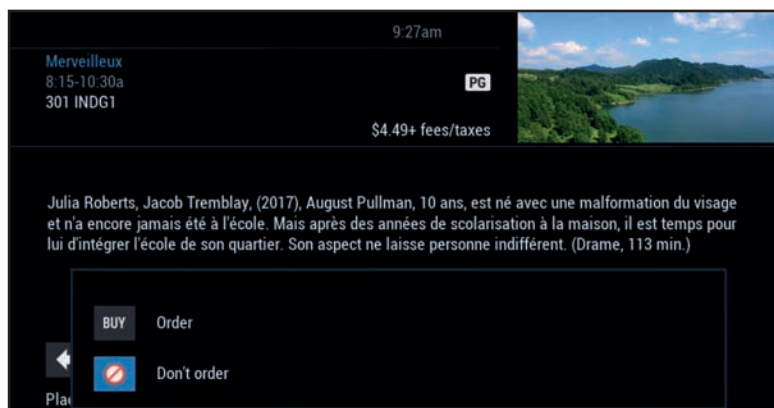
Movie title, airing time, channel and price



Click here to order

Section 2 - Digital cable access

To cancel pay-per-view order



To cancel a pay-per-view order before the program starts:

1. Select the program in any of the listings menus (there will be a dollar sign with the description);

2. From the information screen, select **BUY** and follow the prompts to cancel the order. A message will confirm that your order has been cancelled, and the event will not be charged.

NB Your order will be cancelled if you don't tune in the channel when program is airing.

GUIDE TIP: Create a purchase code to block unwanted pay-per-view orders. See **Parental control and purchase code** section for further information.

Pay-per-view notice

Pay-per-view program started

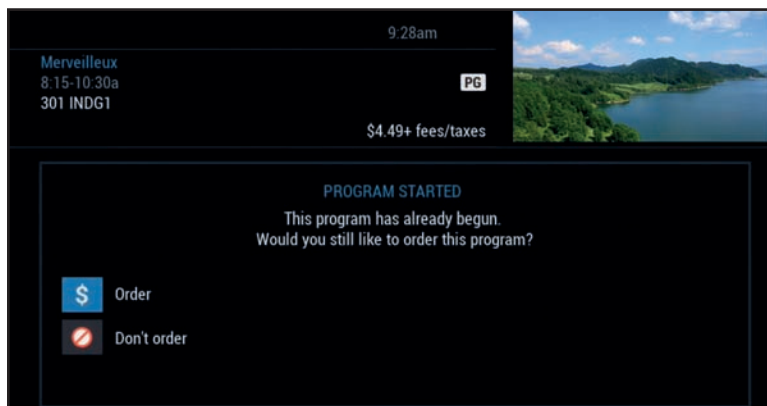
A **Program started** overlay will appear when you try to order a currently airing pay-per-view program currently airing. You can order any event or movie at all times, even an ongoing one, but we recommend to order at least 15 minutes before it is scheduled to begin.

Manage schedule conflict

When ordering pay-per-view event or movie while another program is already scheduled, an on-screen notice will prompt you to cancel your order or keep both.

Missed pay-per-view movie or event

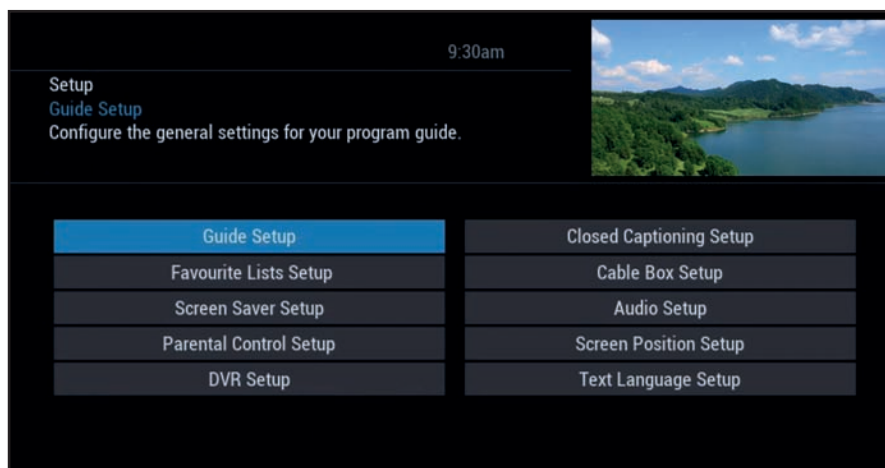
If you order pay-per-view but don't tune in the channel, a missed program overlay will appear on your screen, prompting you to order again. You will not be billed for a missed pay-per-view.



Section 2 - Digital cable access

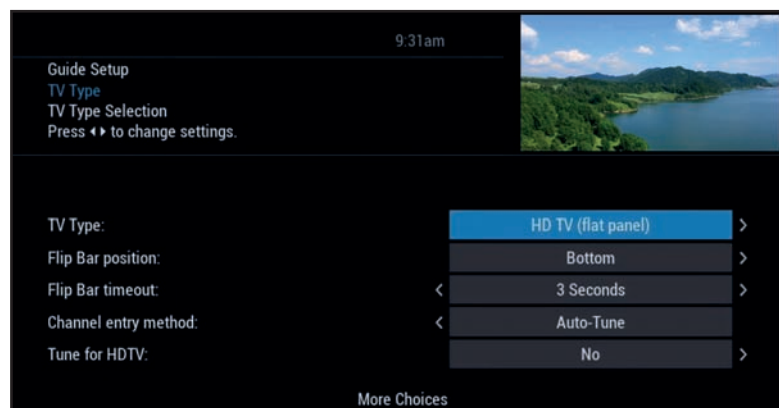
Setup

From the **Setup** menu, you can activate and customize certain features such as parental control options, terminal settings, audio and language settings.



Guide setup

From the main menu, select **Setup** menu and then **Guide setup** from the available options. Then, use the arrows to select the following setup options:



1. **TV Type** – Allows you to adjust the image size based on your TV set type (SD or high definition);

2. **Flip bar position** – The info bar can appear on the top or bottom of your screen;

3. **Flip Bar timeout** – Changes the amount of time the Info bar will stay on your screen, from 3 to 15 seconds;

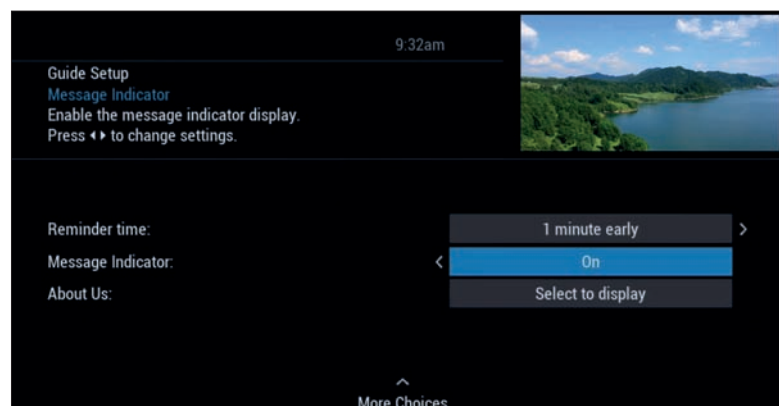
4. Channel entry method

a) **Auto-Tune** – automatically tunes to a channel after 2 seconds when entering channel number from your remote.

b) **No Auto Tune** – You must enter the channel number or press **OK/Select** when entering channel number from your remote.

5. **Tune for HDTV** – Tunes an SD channel to its HD equivalent if available;

6. **Reminder time** – Adjust the amount of time the reminder notice will appear before the start of a program, from 1-15 minutes.



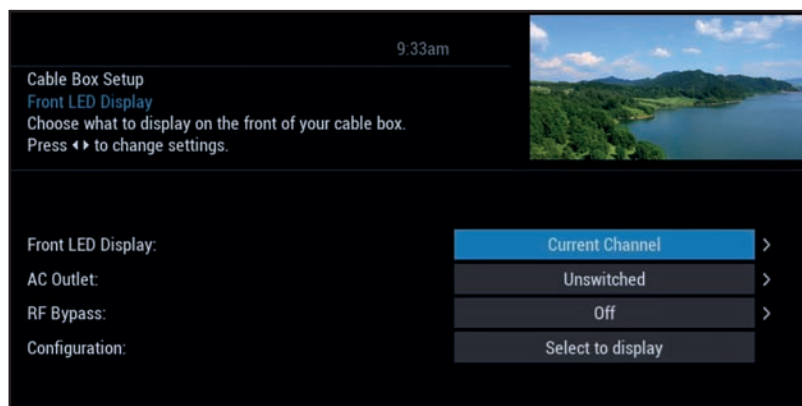
Section 2 - Digital cable access

Terminal setup

Select **Setup** from the main menu and press **Cable box setup**.

Front LED display:

1. Select **Front LED display** from the **Cable Box Setup** menu;
2. Select **Current time** or **Current channel** display.



Screen position setup

1. To adjust the vertical and horizontal position of your screen to fit your television set, select **Screen position setup** from the **Setup** menu.
2. Use arrow keys ◀ ▶ ▲ ▼ on your remote control to position the screen to fit your television set.

Text language setup

1. Select English (Canada or US), French or Spanish to change the text language of your guide, menu bars and interactive menu screens.
2. Use arrow keys ◀ ▶ ▲ ▼ to select the preferred language and press **Change text language** to confirm.

Note: Language modification may take several minutes. The interactive guide will not be accessible during this delay.

Audio setup

You can adjust different features of your interactive guide through the main menu.

- 1 – Select your preferred **Default audio track** language.
- 2 – Use left/right arrow keys to select language, descriptive video service, audio output as well as optimal stereo sound to customize your guide.

You have questions?
Visit our FAQ at
telefibrelamine.com

To contact our 24/7 technical support, call
1.866.611.5372