Record without limitations or fees.
Important Software Notice
As with all software controlled products, unexpected behavior could arise if the user tries to perform operations in a non-routine manner. This product, like almost any other high tech product, is subject to bugs and hence Channel Master CANNOT AND DOES NOT GUARANTEE OR WARRANT THAT ALL FEATURES, SUCH AS PARENTAL CONTROLS, WILL WORK AS INTENDED UNDER ALL CIRCUMSTANCES. Channel Master endeavors to improve such conditions and will periodically download improvements.

Equipment and Software Covered by this Guide
This User Guide covers the Channel Master DVR+ and software models Channel Master DVR+. This User Guide may cover other devices not listed here.

Channel Master is a registered trademark of Channel Master L.L.C.

All product names, trade names, or corporate names mentioned in this User Guide are acknowledged to be the proprietary property of the registered owners.

VUDU and the logo are trademarks of VUDU, Inc. and are used by permission.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories. This product contains one or more programs protected under international and U.S. copyright laws as unpublished works. They are confidential and proprietary to Dolby Laboratories. Their reproduction or disclosure, in whole or in part, or the production or derivative works there from without the express permission of Dolby Laboratories is prohibited. Copyright 2003-2005 by Dolby laboratories. All rights reserved.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into it, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. Do NOT expose the remote control batteries to excessive heat such as fire or sunshine.
15. WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain, moisture, dripping or splashing.
16. The power adapter must remain easy to unplug from the power socket once the equipment is installed.
17. Some safety related markings can be found on the bottom of the apparatus.
18. CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Installation
- Locate the power adapter and receiver indoors in an open, well-ventilated area. Do not place them in an enclosure (such as a cabinet) without proper ventilation.
- Place the receiver on its feet on a firm, stable, horizontal surface.
- Unplug the power adapter from the power socket during installation and follow all connection instructions.
- Only connect the original power adapter to the receiver. Other power adapters may damage the circuitry and cause a fire risk.
- Do NOT place heavy objects on the receiver or power adapter.
- Keep plastic packaging and small parts away from babies and children.

Protect from water
- Do NOT place objects filled with liquids, such as vases or drinks, on or near the power adapter or receiver.

General Precautions
- Do NOT remove the power adapter cover due to risk of electric shock from live parts inside.
- Do NOT allow objects to drop or be pushed inside the receiver, for example by children.
- Do NOT place naked flames such as lighted candles on or near the receiver or power adapter.

Equipment Care
- Unplug the power adapter from the power socket before cleaning.
- If the power adapter or receiver is damaged, unplug it from the power socket and have it checked by qualified personnel before operating it any further.
Warning and Attention Symbols

You must be aware of safety when you install and use this system. This User’s Guide provides various procedures. If you do some of these procedures carelessly, you could injure or kill yourself or damage equipment or property. Some other procedures require special attention.

The Class II equipment symbol means the equipment has additional insulation and does not need to be grounded.

For Your Safety

⚠️ Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Alternating Current (AC)

Direct Current (DC)

Indoor Use Only

USB Connector

⚠️ WARNING: DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD. The remote control supplied with this product contains a coin cell battery. If the coin cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
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:: Introduction

What you’ll find in this chapter:

- What’s included with your DVR+
- Controls and connectors
- Setting up your DVR+
- Using the remote control.
Your new Channel Master DVR+
Thank you for purchasing your new Channel Master DVR+ High Definition digital video recorder.

The DVR+ is a state-of-the-art, high definition (HD), digital video recorder (DVR) combining free, Over The Air (OTA) digital television reception with the flexibility of recording for later playback. It is the complete entertainment solution: an advanced, HD digital video recorder combining OTA reception and recording with access to Internet-enabled TV entertainment such as on-demand VUDU™ movies.

Internet features
Note that to access Internet-enabled features of your DVR+, you must connect to a high-speed broadband Internet service. A download speed of 2 Mbps or more is highly recommended in order to enjoy on-demand high-definition movies, such as VUDU.

Using this guide
This guide is intended to help you use your new Channel Master DVR+ system. It describes the controls and connections required to set up and get started using the device, as well as providing lists of numbered tasks for using its many features. The flow of these tasks may be illustrated using a ribbon, as shown below.

Start task with Step 1.
Continue with Step 2.
Follow with Step 3.
Finish task with Step 4. Task completed.

The VUDU Service
Access to rent or buy VUDU movies on-demand using your DVR+ requires an account with the VUDU service. You can browse for available movies and then sign up directly from within the online application on the DVR+. Or you may use a web browser to visit www.vudu.com and select the Sign Up link to get started.

If you already have a VUDU account, then you can sign in to it from your DVR+; or if you have an account with Walmart.com, you can use that username and password to get started.
What is included with your DVR+

Unpack the box and familiarize yourself with each item:

- The Channel Master DVR+ digital video recorder
- Quick Start Guide
- “Read This First” Stop Sheet
- AC Power Supply
- Remote control (Two CR2032 batteries included)
Front Panel Controls
The front panel of your Channel Master DVR+ features the following:
• IR Receiver to receive infrared signals from your remote control. Please do not cover or obstruct.
• Status LED to provide a visual indication of whether your DVR+ is powered on (bright blue) or in standby mode (dim blue). The bright blue light turns red when the DVR+ is actively recording a program or event.
• Power button to activate your DVR+ (if it is standby mode) or put it in standby (if it is active).

Rear Panel Connections
The rear panel of your Channel Master DVR+ has a number of different connectors you should note.
• RF IN to connect a coaxial cable for an Over-The-Air (OTA) television antenna (REQUIRED).
• OPTICAL port to connect a digital audio cable for multichannel sound output.
• HDMI port to connect a High-Definition Multimedia Interface cable for digital audio/video output.
• ETHERNET to connect a LAN cable to your router for broadband Internet service. Note that this optional connection (or a wireless connection using the optional USB Wi-Fi adapter) is required if you wish to access Internet-enabled services such as VUDU.
• Two USB 2.0 ports to connect the optional USB WiFi adapter and/or external hard-disk/flash drive for expanded DVR storage.
• IR port to connect the extension cable for an optional Infrared (IR) receiver. This increases the flexibility of where you can install your DVR+ and still have it respond to remote control signals.

WARNING: Only use the Power Supply included with your DVR+ to connect it to the AC outlet.
Connecting and setting up your DVR+

1. Connect the antenna to the receiver.

2. Connect the receiver to the TV.

3. Connect the small end of the power cord to the receiver input and plug the other end into an AC outlet. Turn on the TV and select the correct input.

4. Remove plastic battery tab from remote control by pulling it out.

5. Follow the on-screen Setup Wizard instructions, using the remote control. (See the following pages for more instructions on using your remote.)
Using your DVR+ remote control

- **Input**: Selects the TV input (see *Programming the Remote Control, page 10*).
- **On/Standby**: DVR+ on/standby
- **Numeric Keypad**: Choose channel directly by its number or navigate the program guide.
- **Period**: Used to enter sub-channel numbers.
- **Mute**: Silence audio output from the TV (see *Programming the Remote Control, page 10*).
- **DVR**: Displays recorded events.
- **Guide**: View program guide.
- **Home**: Returns to home screen from Internet apps.
- **Exit**: Close menu or guide and return to viewing.
- **Navigation**: Choose options in menus, DVR recordings, guide, settings and info bar.
- **Volume**: Increase/decrease TV volume (see *Programming the Remote Control, page 10*).
- **Playback Control**: Rewind/Pause/Fast Forward/Skip Back/Play/ Skip Forward//Stop.
- **Record**: Record current program or guide selection.
- **Zoom**: Format SD picture to the desired width of program.
- **Menu**: View Main Menu for advanced options and settings.
- **Info**: Displays channel and program information.
- **Closed Captions (CC)**: Toggles closed captions on/off.
- **Back**: Return to previous guide page, menu, or channel.
- **Colored Buttons**: Use varies depending on feature.
- **Channel**: View previous/next channel.
- **Page**: Navigate guide or text pages.
- **Audio**: Displays all audio/audio description channels.
**Introduction ::**

- **Mute/unmute** (see *Programming the Remote Control*, page 10)
- **View program/channel information**
- **Increase/decrease sound volume** (see *Programming the Remote Control*, page 10)
- **Rewind**
- **Skip backward**
- **Record remainder of current program or a program scheduled for the future in the guide**

---

To move through the program guide, use the following buttons:

- **Red**: -2.5 hours
- **Green**: Search
- **Yellow**: -1 day
- **Blue**: +1 day
- **Record selected programs or series**
- **Next page of channels**
- **Previous page of channels**
Chapter 2

:: Getting Started

What you’ll find in this chapter:

- Turning on your new Channel Master DVR+
- Programming the remote to control your TV
- Watching subscription-free TV
- Recording a program using your DVR+
- Playing back a recorded program
- Deleting a recorded program on your DVR+
- Managing your recorded programs
- Locking a recording with a password.
**Getting Started**

**Turning on your new DVR+**
When you switch on your Channel Master DVR+ for the first time, it may take up to a minute for the unit to power up and display the Setup Wizard. This will guide you through the steps to set up your receiver and scan for free, over-the-air channels.

1. Highlight and select your Language & Country. Press OK to continue.

2. Validate the connections are hooked up correctly and then press OK to continue.

3. The Channel Scan will begin automatically. After it is complete, the next Step is displayed.

4. A list of online channels from your Internet connection is displayed. Press OK to continue.


**Programming the DVR+ remote control**
The remote is capable of controlling basic functions of most TVs (volume up/down, mute/unmute sound, TV power on/off, and change input). To program the remote control to operate your TV, you may use either of the following methods:

- *Easy Scan* as described on the following page.
- *Code Entry* as described on page 13.
Programming your remote using Easy Scan

1. Turn on your TV.

2. Point the DVR+ remote control at the TV. Press and hold down both CH+ and VOL- on the remote simultaneously for at least two seconds. The blue TV button LED gives two slow flashes to indicate successful entry into setup mode.

3. Press INPUT. The TV button LED comes on.

4. Press TV POWER repeatedly until the TV switches off.

5. Press INPUT. The TV button LED gives two slow flashes to indicate that the code has been stored successfully.
Programming your remote using Code Entry
To program the remote with a 4-digit numerical code, use the steps below.

Note: Where several codes are listed for a manufacturer, it may be necessary to repeat the sequence below with each code until the correct one is found.

1. Hold down both the CH+ and VOL- keys simultaneously for at least two seconds. The blue TV button LED gives two slow flashes to indicate successful entry into the setup mode.

2. Using the numbered keys (kepad) on the remote control, enter the 4-digit code for your TV manufacturer within 30 seconds. The blue TV button LED flashes for each entry.

Note: Remote codes for TVs are listed on pages 13-15.

After the fourth digit entry, the blue TV button LED gives two slow flashes to indicate that the code has been successfully programmed.

In the event of an error, the blue TV button LED gives four rapid flashes. If this occurs, then you will need to begin the code entry process again.

When you successfully program a code that turns your TV on and controls its volume and inputs, write down this code in the spaces provided.

Remote Code: _____ _____ _____

Remote Codes
The table on the following pages contains the manufacturer codes for programming the remote control to operate your TV. If your TV brand is not listed or if the codes listed for it do not work, the DVR+ remote may not be able to control your TV. In some cases, codes may operate some, but not ALL the buttons shown in this guide.
1221 1291 1441 2031 2201 2261
2731 3181 3191 3201 3461 4751
4991 5421
Shogun 0001
Signature 1421 1661 1691 2171
3421
Signet 2811 2821 2861
Simpson 0961
Sonic 0001
Sony 1071 1641 1731 1901 2161
2741 3531 4101 4981 5321
Soundesign 0001 0961 1221 1711
1941 2191
Sova 3631 4431
Soyo 4611 5101
Spectra 1611
Specravision 2341
Squareview 1381
SSS 0001 1941 2191
Star Sight 0061
Starlite 2191
Superscan 0701 1291 2021 4761
Supersonic 0241 4701
Supra 0001 1991
Supremacy 0151
Supreme 1901
SVA 0671 2101
Sylvania 0001 0321 0371 0701
0931 0961 1021 1221 1381 1801
1821 1961 2321 2761 3701 4731
4761
Symphonic 0021 0701 0931 1381
2191 4731 4761
Syntax 2431 5151 5161
Tandy 1441
Tatung 1141 1741 2151 3431
TCL 0091 1421 1691 1851 2011
2061 2111 2301 2851 3421 3431
3571 4921
Technics 0051
Techwood 0001 0051 1221
Teknika 0001 0151 0251 0351 0961
1011 1221 1311 1421 1571 1661
1691 1711 1911 1941 2191 3421
3551
Telecaption 0821
Telerent 1421 1661 1691 3421
Tera 0001 0641
Tevion 1141
TMK 0001 1221
Toshiba 0211 0231 0351 0961
1011 1221 1311 1421 1571 1661
1571 1621 1801 1841 1911 2691
3211 3551 4891 4941 5081 5531
Trutech 2461 3821 4551
Universal 0791 1951
Venturer 3781
Victor 1481 4121

Videocon 4061
Vidtech 0001 0251 1221
Viewsonic 0501 1981 3751 3801
4281 5301
Viking 0151
Viore 2831 2841 3681 5431
Visteon 3411
Vizio 1471 1741 2021 2901 3651
3741 3851 4081 5561 5571 5581
5591 5601 5611 5621 5631 5641
5651 5661 5671 5681 5691 5701
5711
Wards 0001 0221 0251 0321 0341
0791 0961 1021 1221 1321 1421
1661 1691 1711 1951 1961 3421
Westinghouse 0111 1901 2281
3241 3251 3711 3851
White Westinghouse 0601 0931
1081 1501 1521 1551 3641 4731
Yamaha 0001 0251 1221 1571 3551
Zenith 0001 0061 0131 0371 0681
0691 0931 0941 0991 1011 1031
1081 1171 1181 1191 1221 1251
1271 1471 1631 1661 1751 1771
1781 1791 2171 2291 3501 4201
4321 4731 4751 4791 4941 4991
5211 5271 5281

Yamaha 0001 0251 1221 1571 3551
Zenith 0001 0061 0131 0371 0681
0691 0931 0941 0991 1011 1031
1081 1171 1181 1191 1221 1251
1271 1471 1631 1661 1751 1771
1781 1791 2171 2291 3501 4201
4321 4731 4751 4791 4941 4991
5211 5271 5281
Recording a program using your DVR+

To record the current program you are watching on live TV, press \textbf{RECORD} on the remote control,

\textbf{OR}

To record a future event, press \textbf{GUIDE} on the remote.

Use the navigation wheel to highlight the desired program, and then press \textbf{RECORD} on the remote control.

\textbf{Note}: The \textit{Channel Master DVR+} still records your programs when the receiver is in standby.

Playing back a recorded program on your DVR+

Press \textbf{DVR} on the remote.

Use the navigation wheel to highlight the program.

Press \textbf{OK} on the remote.

Select one of the displayed options and press \textbf{OK}:
\begin{itemize}
  \item Play Recording (which plays back the event from the beginning)
  \item Resume Playback (if you have previously played back a portion)
  \item Delete
  \item Options
\end{itemize}

Deleting a recorded program on your DVR+

Press \textbf{DVR} on the remote.

Use the navigation wheel to highlight the program.

Press \textbf{OK} on the remote.

Select Delete from the displayed options and press \textbf{OK}.

Select the option to Confirm the deletion and press \textbf{OK}.
Managing recorded programs on your DVR+

- Schedule / History / Recordings
- Sort A-Z or Z-A
- Search
- Delete

Locking a recording with a password

Press **DVR** on the remote.
Use the navigation wheel to highlight the program.

Press **OK** on the remote.

Select **Options**.
Select **Lock** to lock the recording. A locked recording cannot be deleted until it is unlocked with a PIN.
If you have not set a PIN (numeric password), then you must enter and confirm one in order to lock a recording.
If the recording has previously been locked, you need to enter the current PIN to unlock it. Then you can delete it.
**Note:** If you lose or forget your PIN, then please visit ChannelMaster.com/Support.
Chapter 3 :: Using the DVR+

What you’ll find in this chapter:

- Changing channels
- Controlling the audio
- Setting digital audio options
- Getting program information
- Adjusting languages and captioning
- Using Internet-enabled online apps.
Using the DVR+

Changing channels
You can change channels on your DVR+ in several ways:

- Press the CH+ or CH- button on the remote control.
- Enter the channel number using the numeric keypad.
- To view the list of all currently available channels, press GUIDE on the remote control. Highlight a current program on a different channel, press OK and select Watch this program.

Controlling the sound from your TV
- Press the VOL+ or VOL- button on the remote control to raise or lower the volume on your TV.
- Press the MUTE button on the remote control to turn off the sound on your TV; press MUTE again or VOL+ or VOL- to restore the sound.

Note: You must program your new Channel Master DVR+ remote to control the VOL+ or VOL- and MUTE functions of your TV. See pages 10-15 for more information on programming your remote.

Controlling digital audio
Your new Channel Master DVR+ offers several digital audio features to enhance your enjoyment of many programs and events. Most of these options are in the Digital Audio Setup submenu within the TV & Audio Setup menu under Settings:

1. Press MENU on the remote.
2. Navigate on the left to SETTINGS and press OK.
3. Scroll the list of Settings to highlight TV & Audio Setup and press OK.
4. Scroll the list of items to highlight Digital Audio Setup and press OK.

If channels are missing
If there are subscription-free over-the-air channels in your local area that you do not see listed in the DVR+ program guide, then try the following:
- Press MENU on the remote.
- Navigate on the left to select SETTINGS.
- Scroll the list to select Technical Information.
- Scroll the list to select Signals and Network.
- Verify that your Signal Strength and Signal Quality are both at least 30.
- If not, then readjust your OTA antenna.
- If one channel is missing, perform a Manual Scan from the Tuning submenu.
- If several channels are missing, then perform a Full Re-Scan instead.
**Setting your digital audio options**

Many programs and events, especially those broadcast with high-definition video, also feature multiple audio channels to enhance the enjoyment through your home theater. The following options on your DVR+ can be used with other compatible equipment:

- HDMI can be set to Stereo only if you are *not* connecting the HDMI output of your DVR+ to a device capable of multi-channel surround sound. The default setting for this output is Auto Stereo/Surround, which will output the best audio option present in the broadcast.
- Optical Digital Audio can be set to Stereo only if you are *not* connecting the OPTICAL output of your DVR+ to a device capable of surround sound. The default setting for this output is Multi-channel, which is supported by most equipment which will accept optical digital audio input(s).
- Midnight Mode can be set to On to help you keep from disturbing others in your home by compressing the dynamic range (that is, how big a difference there is between the loudest and quietest sounds) of the digital audio output signal. The default setting for this mode is Off.

**Getting program information on your DVR+**

A banner is displayed across the bottom of the screen for a few seconds whenever you change channels on your DVR+. This banner shows details about the current channel and programming. With this banner displayed, you can press the navigation buttons (up, down, right, and left) on the remote control to browse current or future program information for the next highest or lowest channel, or display the current or future programs scheduled on the current channel.

More detailed information can be displayed at any time by pressing the **INFO** button on the remote. For example, when you highlight a program on now or scheduled in the future displayed in the Program Guide, an information box will be displayed about the highlighted program.

You can also use information screens to help set a new recording or stop a recording in progress:

- Press the record button on the remote control to start recording a highlighted program on now, or to set a recording for a future program.
- Press the record or the stop button again on a current program to stop a recording in progress.

**Adjusting languages and captioning**

There are dedicated buttons on the DVR+ remote control to help you set preferences for your audio language and enable or disable closed captioning. While watching video using your DVR+:

- Press **AUDIO** on the remote and highlight the language for your audio. Some available languages may not be broadcast in stereo; changing digital audio options cannot override this.
- Press **CC** on the remote to turn on Closed Captions if they are currently off; press the button again to turn Closed Captions back off if they are currently on.
Using the VUDU service on your DVR+
For simplicity and ease of use, access to the Internet-enabled VUDU on-demand movie application is integrated into the Program Guide available on your DVR+. By accessing the channel 200 range (see page 20 on how to change channels) from your guide, the information banner or other screens, you exit from any over-the-air TV broadcast and enter the VUDU online application running on the DVR+. (You must select the Confirm option when prompted.) The DVR+ will be placed in standby mode and recordings that you have set up or are in progress will continue uninterrupted.

Access to rent or buy VUDU movies on-demand using your DVR+ requires an account with the VUDU service. There are several methods you may use to get started, depending on whether you already have a VUDU username and password:

- If you do not have a VUDU or Walmart.com account, then you can browse for available movies on the service and sign up directly from within the Internet application on your DVR+.
- You also may use a web browser to visit www.vudu.com, and then select the Sign Up link to get started.
- If you know your username and password for your existing VUDU account, you may sign in to it directly on your DVR+.
- If you have an account on Walmart.com, you can use that username and password to get started on your DVR+.
Chapter 4

:: Menus and Options

What you’ll find in this chapter:

- DVR+ Main Menu
- SEARCH
- DVR
- GUIDE
- SETTINGS
Menus and Options

DVR+ Main Menu
The Main Menu on your DVR+ is accessed by pressing the **MENU** button on the remote control and is displayed arranged vertically along the left-hand side of your TV screen.

Main Menu Items
The following items appear on and can be highlighted and selected from the DVR+ Main Menu:

- SEARCH—to find a program to watch or record.
- DVR—to manage and play back your recordings.
- GUIDE—to browse what’s on now and is scheduled to be broadcast in the future. Highlighting and selecting a program or event from the guide displays a pop-up options submenu.
- SETTINGS—to set your user preferences and change a variety of options available on your DVR+.

Menu Navigation
The menu screens on your DVR+ can be navigated easily using the “D-pad” control in the center of your remote.

Pressing on the top center of the pad moves the cursor or highlight up; pressing on the bottom center moves it down; pressing the right-hand side moves right; pressing the left-hand side moves left. Finally, pressing the **OK** button in the center of the pad will select the currently highlighted item (like a program name) or option (like **Confirm** or **Cancel**) on your screen.
**SEARCH**

The Search function of your DVR+ allows you to enter one or more keywords associated with programs or events you would like to find in the electronic Program Guide. After selecting SEARCH from the DVR+ Main Menu, use the navigation buttons on your remote to highlight and select characters, including letters and numbers, that spell out the keyword(s) you wish to find.

**DVR**

A Digital Video Recorder allows you to record your favorite shows, series and events without using tapes or a VCR. Selecting DVR from the Main Menu accesses the following screens and sub-menus:

- **Recordings**—also accessed by pressing the DVR button on the remote control. This shows the DVR Recordings screen listing all existing recorded programs and events.
- **Schedule**—accesses the DVR Scheduled Recordings screen showing programs or events that you have scheduled to record in the near future. Also accessed from the DVR Recordings screen by pressing the Blue remote button.
- **Recording History**—accesses the DVR Recording History screen showing programs or events that you scheduled to record in the past. Also accessed from the DVR Scheduled Recordings screen by pressing the Blue remote button.
- **DVR Setup submenu**—contains the Recording Setup, Playback Setup, Re-initialize HDD, and Check Disk screens. Also accessed from the DVR Recording History screen by pressing the Blue remote button.

**Recording Setup**

- Set the default start early and end late times (0’-10’)

**Playback Setup**

- Set default Skip Fwd and Back times (10-60”)

**Re-Initialize HDD**

- Reboot, erase and restore disk to new

**Check Disk**

- Reboot the disk and report errors
GUIDE
Selecting GUIDE from the Main Menu or pressing the GUIDE button on the remote control displays the Program Guide of the DVR+ on your screen. From the guide, you can:

- Change channels to watch (or watch and record) a program on now.
- Set the DVR+ to record a program on now or one scheduled in the future.
- Set a reminder for the time of a program that you want to be sure you do not miss.

SETTINGS
Selecting SETTINGS from the Main Menu displays the SETTINGS menu, containing the following sub-menus and screens:

- Languages—to change the default language for the display of menus, the language of the Primary Audio (can also be changed using the AUDIO button on the remote control), as well as enabling/disabling Closed Captioning and setting a variety of other options related to displaying on-screen captions.

- TV & Audio Setup—to change the default Display Setup (to match your TV resolution), the Digital Audio Setup and HDCP (High-Definition Copy Protection) Setup, if applicable.

- Parental Control—to protect access based on channel or ratings. A numeric password, or PIN, must be set (or entered) and confirmed to enable this feature or change settings.

- User Preferences—to change the degree of Transparency of menu or guide screens. The default setting is Medium; High is more transparent, Low less so, and Solid is off.
• Network Setup—to view or change information about Internet Connectivity status and connection(s), including the setup of the optional USB WiFi adapter.

• Power Options—to change the Inactivity Standby setting from the default of 4 hours to either 5 or 6 hours (the Off setting is not recommended).

• Technical Info—to view information about your current DVR+ software version, information about the OTA and/or network signal, the availability of any downloadable software updates, the related open-source software notices or the set-top box (STB).

• Tuning—to review currently available OTA channels, manually scan for one (or more) additional channels, or fully re-scan all channels (for example, after you have repositioned or replaced your OTA antenna for better broadcast TV reception).

• Time & Date—to set or change your Zip (Postal) Code, Time Zone and Country; enable or disable the automatic time-setting option and Daylight Savings Time (DST); and set the current time of day, as well as the date, month and year.

• Factory Reset—to access options fully Factory Reset your DVR+ (erasing any user preferences you have changed from the factory default settings) or only a VUDU Reset (erasing any VUDU online movie service account information you entered).
Chapter 5

:: Troubleshooting

What you’ll find in this chapter:

- Possible issues
- Suggested actions.
Troubleshooting

Signal Issues

- Verify the coax cable to the over-the-air antenna is connected to both the RF IN port on the back of the receiver (hand-tighten only) and to the over-the-air antenna.
- Verify your antenna has not been moved out of proper alignment. This can cause signal loss on some or all channels.
- Reset the receiver by pressing and holding the POWER button located on the front panel. Verify that the LED is red or bright blue.
- If reset doesn’t work (the LED is dim blue), then place the receiver in standby (press the POWER button), unplug it from the outlet for 15 seconds, and plug it back in. Press the button to turn on the receiver.
- The Channel Master DVR+ is only capable of tuning in digital TV channels and will not tune to a channel that is still broadcasting analog TV signals.
- Visit antennaweb.org on a computer to find out which channels in your area are broadcasting digital TV signals.

Program Guide Issues

Online Apps Issues

Remote Control Issues

- Replace batteries with (2) CR2032 batteries. Be sure the batteries are installed as indicated on the diagram inside the battery compartment, and that you have pulled out the arrow-shaped piece of plastic to remove it from the compartment.

DVR Issues

- Verify event timers are set as DVR timers, not as Reminder timers. Confirm an event recording is set up by looking for a red triangle on the corner of the guide listing for the event.
- If you would like to keep more recordings than there is space on the internal drive, consider purchasing a USB external hard-disk drive for additional storage and connecting it to one of the USB ports on your DVR+ rear panel (see page 4).
Chapter 6

:: FCC, Warranty, OSS

What you’ll find in this chapter:

- FCC Statement
- Limited Warranty
- Open Source Software Notices.
The following FCC Statement applies to your DVR+

**Note:** 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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not make changes or modifications to this equipment. This could void the user’s authority to operate the equipment.
The following Limited Warranty applies to your DVR+

**Limited Warranty Period:**
CHANNEL MASTER DVR+ has a limited (1) year Warranty from the original purchase date with a valid proof of purchase from an authorized retailer. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Certain limitations and exclusions apply.

**What is covered by this limited warranty?**
CHANNEL MASTER warrants the original CHANNEL MASTER branded product hardware and accessories contained in the original packaging against defects in materials and workmanship when used normally in accordance with CHANNEL MASTER’s published guidelines for a period of (1) year from the date of original purchase by the end-user purchaser. CHANNEL MASTER’s guidelines include but are not limited to information contained in technical specifications, user manuals and service communications. (90) Days of complimentary software/user support is also included in this Warranty, software and user support outside of (90) days will be subject to additional charges. This Warranty is valid only in the United States and Canada.

**What is NOT covered by this limited warranty?**
This Warranty does not apply to any non-CHANNEL MASTER branded hardware products or any software and data services, even if packaged or sold with CHANNEL MASTER hardware. Manufacturers, suppliers, or publishers, other than CHANNEL MASTER, may provide their own warranties to you but CHANNEL MASTER, in so far as permitted by law, provides their products “AS IS”. Software distributed by CHANNEL MASTER with or without the CHANNEL MASTER brand (including, but not limited to system software) is not covered by this Warranty. Please refer to the licensing agreement accompanying the software for details of your rights with respect to its use. CHANNEL MASTER does not warrant that the operation of the CHANNEL MASTER product will be uninterrupted or error-free. CHANNEL MASTER is not responsible for damage arising from failure to follow instructions relating to CHANNEL MASTER’s product use. Shipping charges to return products under warranty back to CHANNEL MASTER is not covered.

**How to Obtain Warranty Service?**
Consumers with a valid proof of purchase from an authorized retailer can return any In-Warranty CHANNEL MASTER product to the Warranty department for repair or replacement. For In-Warranty service the consumer must email Technical Support and request an RMA number in order to return the product. The returned product must have the RMA number visible on the box and must include the bill of sale showing the unit is within the warranty period. If the unit is found to be defective under our Warranty Policy CHANNEL MASTER will repair or replace the item at no charge. Products outside of the warranty period should not be returned to CHANNEL MASTER with the exception of any product requested by Technical Support to be accessed for quality assurance purposes. Technical Support: techsupport@channelmaster.com

**GENERAL TERMS:**
1.1 Subject to the provisions of this Warranty, CHANNEL MASTER warrants that the equipment described in Paragraph 1.2 will conform to our specifications in all material respect and that the equipment will be free from material defects in materials and workmanship during the Limited Warranty period.
1.2 This Warranty applies to all original purchases by consumers of CHANNEL MASTER products (“Equipment”). The warranties set forth herein are not transferable. 1.3 The Effective period of this Warranty will start on the date of purchase of the Equipment from an authorized retailer and will end, for the Equipment, (1) year later (for all hardware and components). Software is not covered even if packed or sold with CHANNEL MASTER hardware, unless otherwise expressed or provided herein (in each case the “Warranty Period”).

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RETURN OF EQUIPMENT UNDER WARRANTY:

2.1 If an item of Equipment malfunctions or fails in normal use within the applicable Warranty Period:
(a) The Customer shall notify CHANNEL MASTER within thirty (30) days of the problem. (b) CHANNEL MASTER will, at its option, either resolve the problem over the telephone or provide the customer with a Return Authorization (“RMA”) Number and the address to which the customer may ship the defective item; (c) If the problem can not be resolved over the telephone, the Customer shall attach a label showing the RMA number to each returned item, and include a description of the problem. The Customer shall, at his or her own cost, properly pack the item to be returned, mark the RMA# on the outside of the box, prepay the insurance and shipping charges, and ship the item to the specified CHANNEL MASTER location. (d) Unauthorized return of any equipment, whether in or out of warranty, will be subject to a handling charge, in addition to all repair and all transportation charges. (e) CHANNEL MASTER will, at its sole option, repair or replace the returned item. If replaced, the replacement item may be new or refurbished; if refurbished it will be equivalent in operation to new Equipment. If a returned item is replaced by CHANNEL MASTER, the Customer agrees that the returned item will become the property of CHANNEL MASTER. (f) CHANNEL MASTER will complete the exchange of CHANNEL MASTER manufactured equipment returned under this Warranty within a reasonable time, subject to lead-times from factory, and will make a good faith effort to minimize any and all delays where possible; and (g) CHANNEL MASTER will, at its cost, ship the repaired item or replacement to the Customer. If the Customer requests express shipping, the Customer will pay CHANNEL MASTER an expediting fee. 2.2 Equipment which is repaired or replaced by CHANNEL MASTER under this Warranty will be covered under all of the provisions of this Warranty for the remainder of the applicable Warranty period (for that particular equipment). 2.3 If equipment is repaired beyond effective warranty dates or if abnormal usage had occurred, Customer shall be charged applicable rates and the Customer will be advised of the estimated charges prior to repair by CHANNEL MASTER’s authorized service center. 2.4 The price of out-of-warranty repairs payable by the Customer will be based on standard labor and parts prices in effect at the time of the repair. CHANNEL MASTER will use its best efforts to ensure that the cost of such repair, exchange, refurbishing, or substitution will not exceed the original price of Product. 2.5 If the problem reoccurs within the warranty period, CHANNEL MASTER will, at its option: (a) re-perform the service; (b) replace the product pursuant to the terms of this warranty, (c) permit Customer to return the product and issue a refund pursuant to this warrant, or (d) refund the amount the Customer paid for the services.

PRODUCT MODIFICATION:

3.1 CHANNEL MASTER reserves the right to make changes or improvements to its products, during subsequent production, without incurring the obligation to install such changes or improvements on previously manufactured or sold products. FORCE MAJEURE: 4.1 CHANNEL MASTER will not be liable if its performance under this warranty becomes commercially impracticable due to any contingency beyond CHANNEL MASTER’s reasonable control, including acts of God, fires, flood, wars, sabotage, civil unrest, accidents, labor disputes or shortages, government laws, rules and regulations, whether valid or invalid, inability to obtain material, discontinuation of third part data or services, equipment or transportation, incorrect, delayed or incomplete specifications, drawings or data supplied by Customer (collectively “Force Majeure”).

LIMITATIONS AND QUALIFICATIONS OF WARRANTY:

5.1 This Limited Warranty extends only to the original purchaser of the Equipment and is in lieu of all other express or implied warranties, including those of merchantability and fitness for a particular purpose. This Warranty does not apply to any damage, defect of failure caused by: (a) any part of the equipment having been modified, adapted, repaired, maintained, transported or relocated by any person; (b) Storage or environmental characteristics which do not conform to the applicable sections of the appropriate Equipment Manual or Instruction Sheet; (c) Failure to conform with the Equipment Operating Instructions in the applicable Equipment Manual or Instruction Sheet; (d) External causes, including external electrical stress or lightning, or use in conjunction with incompatible equipment, unless such use was with CHANNEL MASTER’s prior written request; (e) Cosmetic damage; (f) Accidental damage, negligence, modification, mishandling, abuse or misuse; or (g) Force Majeure. Warranty does not cover: (a) Labor charges for installation or setup of the product. (b) Any taxes imposed on CHANNEL MASTER for units replaced or repaired under this warranty. (c) Installation, performance of, or repair of: audio/video cabling, telephone line, or accessory attachments used with the product. (d) Product replacement because of misuse, accident, lightning damage, unauthorized repair, or other cause not within the control of CHANNEL MASTER. Please note that removing the cover of the Unit for any reason voids the warranty.
(e) Reception transmission problems caused by signal conditions, telephone line, or cable or antenna systems outside the unit. (f) Damages to, or viruses that may infect your Unit or other devices arising from the use of unauthorized third party devices in connection with your Unit. (g) Incidental or consequential damages resulting from the product. (Some states (or jurisdictions) do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.) (h) A product that has been modified or adapted to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications. (i) A product used for commercial or institutional purposes. (j) Access connections (telephone or broadband), including charges from your communications provider.

LIMITATION ON DAMAGES:

6.1 THIS WARRANTY IS THE CUSTOMER’S EXCLUSIVE WARRANTY FOR THE EQUIPMENT, CHANNEL MASTER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY. 6.2 CHANNEL MASTER WILL NOT BE LIABLE IN TORT, INCLUDING LIABILITY IN NEGLIGENCE OR STRICT LIABILITY, AND WILL HAVE NO LIABILITY AT ALL FOR INJURY TO PERSONS OR PROPERTY. CHANNEL MASTER’S LIABILITY FOR FAILURE TO FULFILL ITS OBLIGATIONS UNDER THIS WARRANTY OR ANY OTHER LIABILITY UNDER OR IN CONNECTION WITH THE EQUIPMENT WILL BE LIMITED TO THE AMOUNT OF THE PURCHASE PRICE OF THE EQUIPMENT AT THE TIME OF ORIGINAL PURCHASE. THE REMEDIES STATED IN THIS WARRANTY ARE THE CUSTOMER’S EXCLUSIVE REMEDIES AGAINST CHANNEL MASTER REGARDING THE EQUIPMENT. 6.3 EVEN IF CHANNEL MASTER HAS BEEN NOTIFIED OF THE POSSIBILITY OF THEM, CHANNEL MASTER WILL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS AND REVENUES, FAILURE TO REALIZE EXPECTED SAVINGS, ANY CLAIM AGAINST A CUSTOMER BY A THIRD PARTY, OR ANY OTHER COMMERCIAL OR ECONOMIC LOSSES OF ANY KIND. 6.4 THESE LIMITATIONS AND DISCLAIMERS ARE NOT MADE BY CHANNEL MASTER WHERE PROHIBITED BY LAW.
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libdirectfb

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