



QUICK START



Remote Control Quick Start Guide for Cisco Digital Media Players

- 1** Requirements and Limitations
- 2** Overview: The Battery
- 3** Replacing the Battery
- 4** Using the Primary Buttons
- 5** Using the Secondary Buttons
- 6** Infrared (IR) Signal Frequency Codes
- 7** Product Documentation, Support, and Security

Revised: January 23, 2009
78-18580-02



187489

Concepts

Cisco Digital Media System (Cisco DMS) is a family of products and technologies, including the ones that this guide describes. A **Digital Media Player** (DMP) is a compact, solid state, addressable network device that delivers digital signage content and enterprise TV content to a **DMP display**—which is an **LCD Professional Series display** or any other directly attached television screen, monitor, or projector (analog or digital, standard-definition or high-definition) that shows media to an audience. You can enclose your DMP inside a **protective case** that discourages tampering and prevents theft. The protective case is sold separately. **Digital Media Player Device Manager** (DMPDM) is a web-based graphical user interface to configure one DMP during its initial setup, to manage one DMP in isolation, and to deliver your media to one DMP display. DMPDM is served from the DMP that it manages. System administrators, content managers, and graphic designers use a **Digital Media Manager** (DMM) software module called **DMM-DSM** to centrally manage their network of DMP devices, organize and bind assets together for signage, design layouts, and deliver media to DMP displays. Features of the separately licensed **DMM-ETV** software module help you to deliver VoDs and live television broadcasts over IP networks, configure an on-screen electronic program guide (EPG), manage subscriptions to EPG data provider services, and program the **remote control** for DMPs, which is sold separately.

Learn More

To learn more about DMS products, related technologies, and Cisco in general:

Description	Go To
DMS overview	http://www.cisco.com/go/dms
User documentation for Cisco DMS products	http://www.cisco.com/en/US/products/p_s6681/products_documentation_roadmaps_list.html
FAQs and troubleshooting	http://www.cisco.com/en/US/products/p_s6681/prod_troubleshooting_guides_list.html
Cisco Academy of Digital Signage	http://www.cisco.com/go/dms/ads
My Tech Support (registration required)	http://www.cisco.com/en/US/support/tsd_my_tech_support.html
Cisco Service Contract Center	http://www.cisco.com/web/partners/services/resources/csc/index.html
Cisco Security Advisories	http://www.cisco.com/en/US/products/products_security_advisories_listing.html

1 Requirements and Limitations

Cisco Digital Media Player (DMP) 4400G devices, and 4305G devices after July 2008, are compatible with a remote control that is sold separately. Its features require that your DMPs use firmware release 5.0 or later and that your Cisco Digital Media Manager (DMM) appliances use DMM software release 5.0 or later. If you are upgrading from an earlier release of Cisco DMS, you can log in to your Cisco.com account, and then download the required software and firmware at <http://tools.cisco.com/support/downloads/pub/Redirect.x?mdfid=281723656>.

Most DMM features that this guide describes, which respond to the remote control, are licensed features that must be installed and configured on your DMM appliance and enabled on your DMPs. To learn about the DMM features that you can license and install, see <http://www.cisco.com/go/dms>.

A printed copy of this guide (*Remote Control Quick Start Guide for Cisco Digital Media Players*) is included in the product kit with each DMP remote control. Alternatively, you can read this guide on Cisco.com.

Four Unlicensed Buttons

Four buttons on your remote control are free of licensing restrictions and work without limitation. These buttons are *Mute*, *Power*, *Show IP*, and *Volume*. See [Using the Secondary Buttons](#), page 13.

2 Overview: The Battery



Caution

Important safety warnings, notices, and guidelines apply to the battery in your DMP remote control. See the “Statement 330—Lithium Battery Warning” section of *Regulatory Compliance and Safety Information for the Cisco Digital Media Player Remote Control*. A printed copy of this guide is included in the product kit with each DMP. Alternatively, you can read it on [Cisco.com](#).

Your DMP remote control is battery-powered. It uses a standard, 3V CR2025 lithium battery, manufactured by a well-known supplier such as Panasonic or Toshiba. The name of the actual manufacturer is etched into the face of the battery.

If the battery loses its charge or if you remove the battery, your DMP remote control will not work until the battery is replaced.

You should always recycle or dispose of the battery in accordance with:

- Its manufacturer guidelines.
- Regulations in your locale for disposal and recycling.

Remote control settings are not lost when you remove or replace the battery.

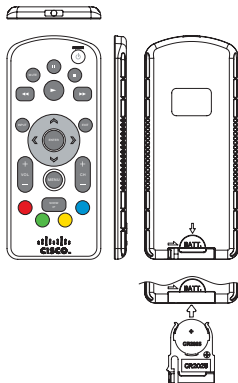
3 Replacing the Battery

Whenever it is necessary to replace the lithium battery in your DMP remote control:

Step 1 Place the remote control on a flat surface, button-side down.

Step 2 To unlock the “BATT” clip and remove it, do these two things simultaneously:

- Pinch the locking mechanism to unlock it.
- Slide the clip out of the remote control.



Step 3 To remove the old battery from the clip, pivot the battery so that it touches only the opening of the clip.

Step 4 Insert a new battery so that positive charge (+) symbols are visible simultaneously on the battery and the clip.

Step 5 Slide the clip back in to the remote control.

4 Using the Primary Buttons

Most of the time, you will use only six buttons near the middle of your DMP remote control: Menu, Enter, Up, Down, Left, and Right. These buttons, the six most important ones, work as follows:

Button	Scenario	Effect
Menu	Video Playback in Progress	Opens the main menu.
	Categories	
	Live Channels	
	Main Menu	—
	Electronic Program Guide	Opens the main menu.

Button	Scenario		Effect
Enter	Video Playback in Progress	Fullscreen	Stops fullscreen mode. Playback continues without interruption.
		Not fullscreen	Starts fullscreen mode. Playback continues without interruption.
		Not playing	Opens and plays the highlighted program or channel.
	Categories		Opens the highlighted category.
	Live Channels		Toggles fullscreen mode on or off.
	Main Menu		Opens the highlighted program or channel.
	Electronic Program Guide	Fullscreen	Stops fullscreen mode. Playback continues without interruption.
		Not fullscreen	Starts fullscreen mode if the highlighted program is playing already. Otherwise, opens and plays the highlighted program.

Button	Scenario		Effect
Up; Down	Video Playback in Progress	Fullscreen	—
		Not fullscreen	Stops playback. Moves up or down in the list of videos.
		Not playing	Moves up or down in the list of videos.
	Categories		Moves up or down in the list of categories.
	Live Channels	Fullscreen	—
		Not fullscreen	Moves up or down in the list of channels. Shows a thumbnail version of each channel as it is selected.
	Main Menu		—
	Electronic Program Guide	Fullscreen	—
		Not fullscreen	Moves up or down in the list of programs.

Button	Scenario		Effect
Left; Right	Video playback in progress	Fullscreen	—
		Not fullscreen	Stops playback and opens the parent category, if <i>Left</i> . Has no effect, if <i>Right</i> .
		Not playing	
	Categories		
	Live Channels	Fullscreen	—
		Not fullscreen	Stops playback and opens the parent category, if <i>Left</i> . Has no effect, if <i>Right</i> .
	Main Menu		Moves left or right in the list of categories, respectively.
	Electronic Program Guide	Fullscreen	—
		Not fullscreen	Moves left or right in the list of programs, respectively. ¹

1. When a program in the far left column of the EPG is highlighted already and you press *Left*, the EPG shifts backward in time and lists programs from the preceding 4 hours.

When a program in the far right column of the EPG is highlighted already and you press *Right*, the EPG shifts forward in time and lists programs from the subsequent 4 hours.

5 Using the Secondary Buttons

In addition to the six essential buttons that the preceding table describes, your remote control has 18 other buttons:

Button	Scenario	Effect
Power	—	Restarts a DMP.
Mute	—	Toggles the audio volume to or from 0 (zero), relative to the audio volume level that otherwise is in effect for a DMP. ¹
Show IP	—	Shows on the DMP display the IP address that is assigned to the DMP.

Button	Scenario		Effect
Play	Video Playback in Progress	Fullscreen	Restarts video playback from the beginning.
		Not fullscreen	Restarts video playback from the beginning.
		Not playing	Opens and plays the highlighted program or channel.
	Categories		Opens the highlighted category.
	Live Channels		Toggles fullscreen mode on or off.
	Main Menu		Opens and plays the highlighted program or channel.
Electronic Program Guide		Toggles fullscreen mode on or off.	
Pause	—		This button is reserved for features that will be added to DMPs in future releases.

Button	Scenario		Effect
Stop	Video Playback in Progress	Fullscreen	Stops video playback and stops fullscreen mode.
		Not fullscreen	Stops video playback.
		Not playing	—
	Categories		—
	Live Channels		
	Main Menu		
	Electronic Program Guide		
	Rewind	—	
Fast Forward			
Input			

Button	Scenario		Effect
Exit	Video Playback in Progress	Fullscreen	Stops fullscreen mode. Playback continues without interruption.
		Not fullscreen	Stops video playback and opens the parent category.
		Not playing	Opens the parent category.
	Categories		
	Live Channels		Stops video playback and opens the parent category.
	Main Menu		—
	Electronic Program Guide		—
+/- VOL	—		Increases or decreases the audio volume level for a DMP. ¹

Button	Scenario	Effect
+/- CH	—	Changes the channel immediately if you are watching live TV. Moves up or down in a list of channels.
Red; Green; Yellow Blue	—	These buttons are reserved for features that will be added to DMPs in future releases.

1. Audio volume levels that you set for a DMP might differ from, or conflict with, the audio volume levels that you set for other attached devices. Muting one such device, for example, will not necessarily mute all of the others. To avoid disruptions at your site (such as the disruptions that unintentionally loud audio might cause), use care when you adjust volume settings.

6 Infrared (IR) Signal Frequency Codes

Each button on your remote control is correlated to a particular IR signal frequency. Hexadecimal representations of these frequencies are as follows:

0xff000090	Power	0xec130090	Left
0xf9060090	Play	0xeb140090	Right
0xfd020090	Pause	0xbf400090	Volume Up
0xfc030090	Stop	0xbe410090	Volume Down
0xfa050090	Fast-Forward	0xb8470090	Menu
0xfb040090	Rewind	0xbd420090	Channel Up
0xfe010090	Mute	0xbc430090	Channel Down
0xef100090	Input	0xb7480090	Show IP
0xee110090	Exit	0xaf500090	Red
0xed120090	Enter	0xad520090	Green
0xea150090	Up	0xab540090	Yellow
0xe9160090	Down	0xa9560090	Blue

7 Product Documentation, Support, and Security

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCDE, CCENT, Cisco Eos, Cisco HealthPresence, the Cisco logo, Cisco Lumin, Cisco Nexus, Cisco StadiumVision, Cisco TelePresence, Cisco WebEx, DCE, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn and Cisco Store are service marks; and Access Registrar, Aironet, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, Network Registrar, PCNow, PIX, PowerPanels, ProConnect, ScriptShare, SenderBase, SMARTnet, Spectrum Expert, StackWise, The Fastest Way to Increase Your Internet Quotient, TransPath, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0812R)

© 2008–2009 Cisco Systems, Inc. All rights reserved.

Printed in China PRC