

CD-W552E
CD-RW Drive
User's Manual

52x24x52

Internal IDE Drive

TEAC®

Safety Precautions

TEAC CD Rewritable (CD-RW) Drives are high-precision electronic devices. Do not use them in any manner other than as specified in this manual. Please read this manual in its entirety before you begin the installation procedure. Use of controls, adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent fire or shock, do not expose the unit to moisture or rain.

To prevent electrical shock, do not attempt to disassemble the CD-RW drive. Refer servicing to authorized personnel.

The CD-RW drive utilizes a laser beam that can be harmful to the eyes. Do not disassemble the cabinet or unit. Do not attempt to look through the front panel or into the unit while the power is turned on.

A user who changes or modifies the unit or operating procedures specified herein without express written approval by the manufacturer will void user authority to operate the equipment.

Specifications and features subject to change without notice or obligation.

FCC Radio Frequency Interference Regulations

Warning: This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions contained in this manual, may cause harmful interference to radio and television communications. This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Subpart J of Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. To ensure compliance with FCC rules, the cable that connects the unit to the computer must be a shielded interface cable.

Note: Connecting this device to peripheral devices that do not comply with Class B requirements or using an unshielded peripheral cable could result in interference to radio or television reception. To ensure that the use of this product does not contribute to interference, use a shielded interface cable.

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 may try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Move the device and the receiver further apart.
- Connect the equipment to an electrical outlet on a different circuit than the receiver.
- Consult the dealer or an experienced audio television technician.

Also, the following booklet may prove helpful: How to Identify and Resolve Radio-TV Interference Problems. It is available from the U.S. Government Printing Office, Washington, D.C. 20402, stock number 004-000-00345-4.

The user is cautioned that any changes or modifications not expressly approved by TEAC America, Inc. could void the user's warranty.

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About This Manual

This *TEAC CD-Rewritable (CD-RW) Drive User's Manual* explains how to install and operate the TEAC CD-RW drive. It is divided into the following chapters:

Chapter 1. Introduction: This chapter introduces the CD-RW drive and describes shipping package contents and recommended system requirements.

Chapter 2. Configuring and Installing the CD-RW Drive: This chapter explains how to configure the CD-RW drive's CSEL/Slave/Master setting by positioning a jumper pin. It also explains how to install the CD-RW drive in your computer, make the appropriate hardware connections, and enable DMA settings.

Chapter 3. Installing the Recording Software: This chapter explains how to install and launch the pre-mastering and other software included on the *TEAC CD Recording Software Suite* CD-ROM disc. For information on operating Easy CD Creator and other software, please refer to the Help file documentation in PDF format on the CD-ROM.

Appendix A. About CD-R and CD-RW Discs: This appendix contains information about media, formats, and loading and ejecting discs.

Appendix B. Specifications: This appendix provides technical specifications for the TEAC CD-RW drive.

Appendix C. Technical Support: This appendix provides technical support information for TEAC America, Inc.

Product Warranty Information

This TEAC CD-RW drive features a one year warranty from the date of purchase. Please keep your receipt as proof of purchase.

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Chapter 1. Introduction

Thank you for purchasing a TEAC CD-RW drive kit.

The TEAC CD-RW drive can write to CD-R discs at speeds of 4X, 8X, 12X, 16X, 20X, 24X, 32X, 40X, 48X or 52X maximum, and rewrite to CD-RW discs at speeds of 2X, 4X, 8X, 10X, 12X, 16X or 24X maximum.

The drive can read data from CD-ROM discs and extract digital audio from discs at a maximum of 52X speed.

CD-R discs enable you to create audio or data discs for permanent archival storage. They cannot be overwritten.

You can, however, overwrite CD-Rewritable (CD-RW) discs—typically up to 1,000 times.

The TEAC CD-RW Drive is designed for use in IBM PC compatible computers. It features a 5.25-inch standard chassis and a powered tray for convenient disc loading.

Recommended System Requirements

- ☐ IBM PC-compatible computer, Pentium II 300MHz or higher
- ☐ CD-ROM drive with DAE support for disc-to-disc audio recording
- ☐ One available 5.25-inch drive bay
- ☐ 64MB of RAM
- ☐ A hard drive that meets or exceeds the following minimum specifications:
 - ☐ 1GB hard disk space (or more) for CD-Image creation
 - ☐ 1.2MB/second data transfer rate (or faster)
 - ☐ 12ms average access time (or less)
- ☐ Sufficient hard disk space for software installation (approx. 70MB)
- ☐ Windows 98SE/Me/2000-Professional/XP Home Edition/XP Professional or NT 4.0 Workstation

Note: The CD Recording software included in this package will work on systems on which Windows 2000-Professional has been fully installed. It will not work on systems on which Windows 2000 has been installed by upgrading earlier versions of Windows (i.e., Windows 98SE). This software will not work with Windows 2000 Server, Advanced Server, Datacenter Server, or Windows NT 4.0 Server.

CD-RW Package Contents

The CD-RW drive kit includes the following items (see Figure 1).

- ☐ TEAC CD-Rewritable (CD-RW) drive
- ☐ CD-ROM containing:
 - ☐ Roxio Easy CD Creator 5.3x Basic pre-mastering and recording software
 - ☐ Musicmatch Basic MP3 Jukebox software
 - ☐ PhotoImpression photo editing software
- ☐ One blank CD-R disc
- ☐ One blank CD-RW disc
- ☐ Interface cable (ribbon cable)
- ☐ Audio cable (to connect internally to your PC)
- ☐ Mounting screws (not shown)
- ☐ *TEAC CD-Rewritable (CD-RW) Drive User's Manual* (this booklet)

TEAC CD-RW drive

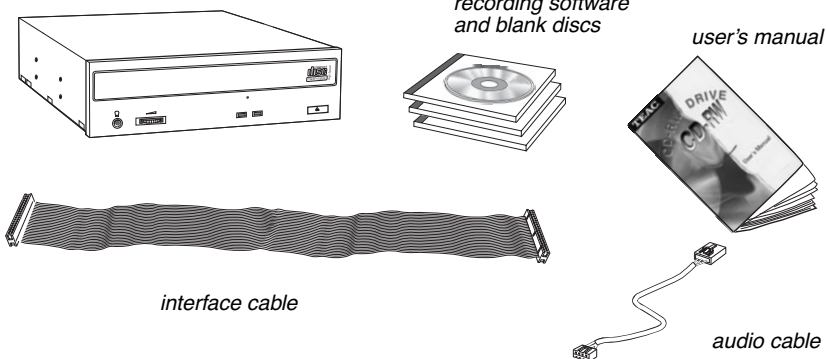


Figure 1. CD-RW Drive Kit Package Contents

Note: If any of these items is missing from the package, please contact the vendor immediately to have the kit replaced.

Front Panel

Figure 2 illustrates the front panel of the CD-RW Drive.

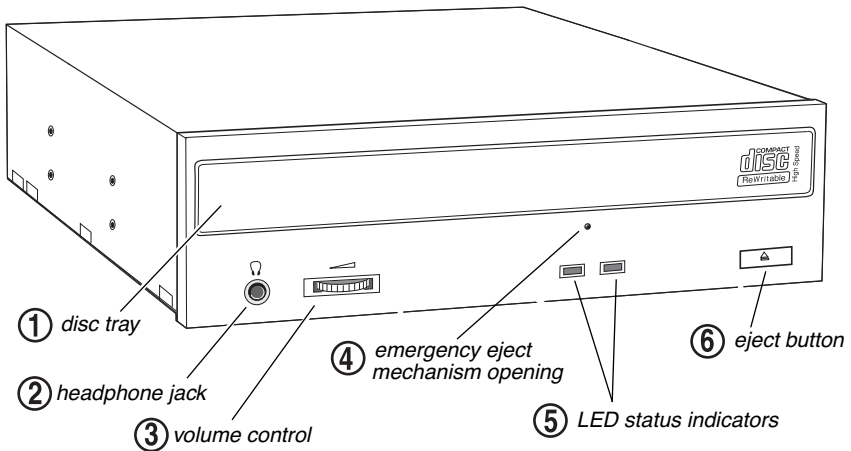


Figure 2. Front Panel of the CD-RW Drive

- ① **disc tray:** Use the disc tray to load CDs into the drive. You can open the tray by pressing the Eject button or by using the emergency eject mechanism. You can close the tray by pressing the Eject button.

***Note:** We strongly recommend that you do not push the tray in to close it. Please press the Eject button to eject or retract the tray.*

- ② **headphone jack:** You can connect headphones or external speakers to this jack to listen to an audio CD being played on your TEAC drive. Use a 3.5mm stereo mini-plug. For external speakers, connect a stereo adapter to split the output into separate cables for the left and right channels. Such adapters convert a male stereo mini-jack to two female phono jacks.
- ③ **volume control:** Use the volume control to adjust the volume. Turn the control to the right to increase the volume, or to the left to decrease. (Lower the volume before you start a CD-ROM audio program to protect your hearing and the audio speakers.)

- ④ **emergency eject mechanism:** If the eject button fails, you can *turn off the power to the CD-RW drive* and insert a small, thin rod (such as a straightened paper clip) into the emergency eject mechanism opening and press firmly to eject the disc.

Caution: Do not attempt to use the emergency eject mechanism when either the Power or Busy indicator is lit or you may seriously damage the disc or the CD-RW Drive.

- ⑤ **LED indicators:** The drive features two LED indicator lights on the front panel. Various operations are indicated as per the following table:

Operation	Right LED	Left LED
At tray loading	green LED flashes	off
At tray eject	green LED flashes	off
During write/erase	off	green LED flashes
During audio play	green LED flashes	off
During seek/data transfer	green LED lights	off

Note: The right LED continues to flash as Windows continuously checks for a disc inside the CD-RW drive. This flashing is part of normal operation.

- ⑥ **eject button:** Press this button to open or close the disc tray. (Some CD-ROM titles disable the manual eject button and rely on software commands to eject the disc. Refer to the documentation for these titles for more information.)

Rear Panel

Figure 3 illustrates the rear panel of the CD-RW Drive.

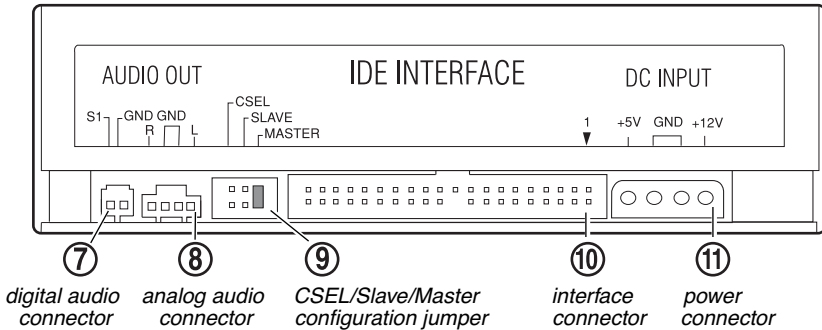


Figure 3. Rear Panel of the CD-RW Drive

- ⑦ digital audio connector:** You can connect a digital audio cable to this digital signal output connector.
- ⑧ analog audio output connector:** You can use the included analog audio cable to connect this connector to the audio input connector on a sound card. Pin assignments are described in the following table:

Pin Number	Audio Signal
1	Left signal
2	Ground
3	Ground
4	Right signal

- ⑨ CSEL/Slave/Master configuration jumper:** The CD-RW drive includes three pairs of jumper pins on the rear panel that allow you to set the drive to CSEL, Slave, or Master mode. (For more information, see “Configuring the CD-RW Drive” and Figure 5 on page 7.)
- ⑩ interface connector:** Use the included IDE interface ribbon cable to connect the CD-RW drive to an IDE interface in your computer. (For more information, see “Installing the CD-RW Drive” on page 8 and Figure 7 on page 9.)
- ⑪ power connector:** Connect the power connector to the +5VDC and +12VDC power sources. The +5VDC terminal is on the left as you face the rear panel; the +12VDC terminal is on the right. The two center terminals are ground terminals. (For more information, see “Installing the CD-RW Drive” on page 8 and Figure 7 on page 9.)

Chapter 2. Configuring and Installing the CD-RW Drive

This chapter explains how to configure and install the TEAC CD-RW drive in your computer.

Configuring the CD-RW Drive

The CD-RW drive features three pairs of jumper pins on the rear panel. By placing the jumper on the appropriate pair of pins, you can set the drive to Master, Slave, or CSEL mode (see Figures 4 and 5).

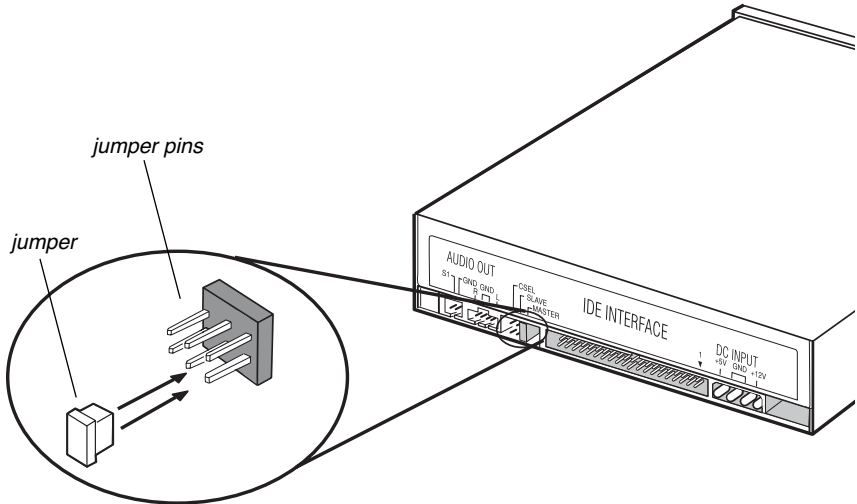


Figure 4. Jumper Pins on Rear Panel

The Master/Slave/CSEL jumper configuration of your TEAC CD-RW drive will depend on whether or not you have an IDE CD-ROM/DVD drive installed in your system. The following section will guide you through most typical system configurations.

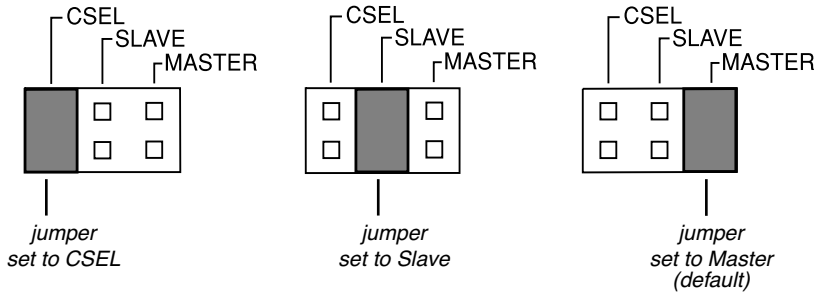


Figure 5. CSEL, Slave, and Master Jumper Pin Settings

Installing the CD-RW Drive

Note: TEAC recommends that you connect the CD-RW to the secondary IDE port. Do not connect the drive in a “daisy-chain” to the hard disk drive.

1. Turn off the power to the computer system and any external devices connected to it.
2. Touch the exposed metal frame of the computer to ground yourself.

This will prevent damage to the computer and the CD-RW drive that may be caused by a discharge of static electricity.

3. Remove your computer's cover, faceplate, or 5.25-inch bay cover, as well as mounting clips, screws, and retaining brackets.

Note: If you have a SCSI CD-ROM drive—or if you do not have an IDE CD-ROM/DVD drive—installed in your system, please continue with Step 4. If you have an IDE CD-ROM/DVD drive installed in your system, please skip step 4 and continue with Step 5.

4. If you have a SCSI CD-ROM drive installed in your system, or if you do not have an IDE CD-ROM/DVD drive installed in your system, do the following:

4a) Confirm that the jumper on the rear panel of the CD-RW drive is configured to its default setting of Master.

4b) Slide the CD-RW drive into an empty 5.25" drive bay. Install the CD-RW drive in your computer in a horizontal or vertical orientation (within $\pm 5^\circ$ of horizontal or vertical). The Eject button should be located on the right side of the unit. Secure the drive using the included 3x5mm mounting screws.

Warning: Do not use mounting screws longer than the included 3x5mm screws to secure the CD-RW drive or you may damage the unit.

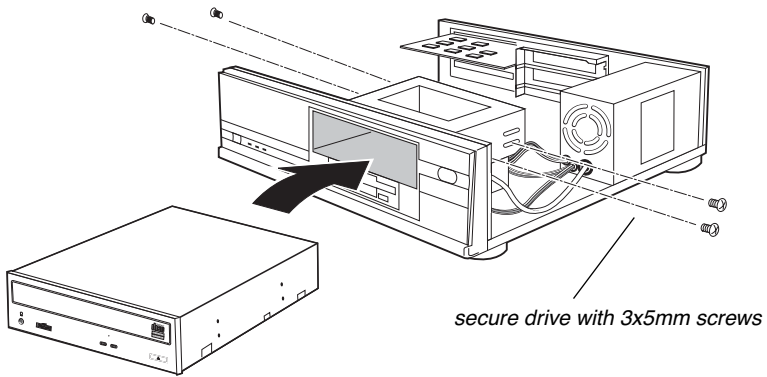


Figure 6. Installing the CD-RW Drive in a Computer

- 4c)** Locate the secondary IDE connector on your system's motherboard and connect one end of the IDE interface cable provided with your TEAC kit.

Be certain to connect Pin-1 of the interface cable to Pin-1 on the secondary IDE connector on the motherboard. (Pin-1 on an interface cable is usually designated by a colored strip along one edge of the cable. The interface ribbon cable connector may feature a tab on one side. Insert the cable so that the tab aligns with the notch on the interface connector. Do not use excessive force while trying to insert the cable into position).

- 4d)** Connect the opposite end of the interface ribbon cable to the interface connector on the rear panel of the CD-RW drive.

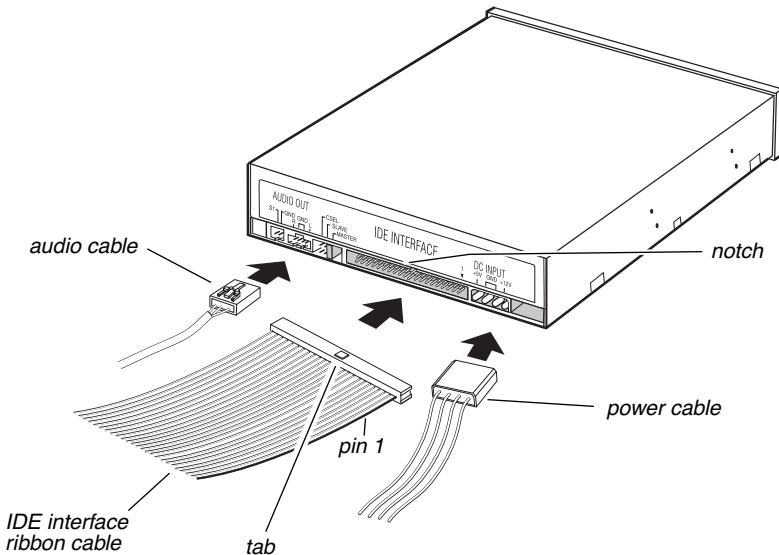


Figure 7. Cable Connections

- 4e)** Connect one end of the included analog audio cable to the analog audio connector on the rear panel of the CD-RW drive and connect the opposite end to your sound card. (*Skip Step 5 and continue with Step 6.*)

5. If you have an IDE CD-ROM/DVD drive installed on your system, do the following:

Typically, your IDE CD-ROM/DVD drive is connected to the secondary IDE motherboard connector as a Master. In such cases, it is strongly recommended that you connect the CD-RW drive as a Slave drive to the same cable that currently hosts your CD-ROM/DVD drive.

- 5a)** Set the jumper on the rear panel of the CD-RW drive to Slave.

***Note:** If your original drive is configured as CSEL, configure the TEAC drive as CSEL also. System software will configure the drives accordingly.*

- 5b)** Slide the CD-RW drive into the empty 5.25-inch drive bay. Install the CD-RW drive in your personal computer in a horizontal or vertical orientation (within $\pm 5^\circ$ of horizontal or vertical). The Eject button should be located on the right side of the unit. Secure the drive using the included 3x5mm mounting screws.

***Warning:** Do not use mounting screws longer than the included 3x5mm screws to secure the CD-RW drive or you may damage the unit.*

- 5c)** Connect the CD-RW to the vacant middle connector on your existing CD-ROM/DVD interface cable.

If your original cable does not have an available middle connector, remove this cable and use the cable provided with the TEAC drive.

- 5d)** Your CD-ROM/DVD drive probably uses an audio cable that is connected to the computer's sound card. Therefore, there is no need to connect the audio cable that came with your CD-RW drive. This audio cable is not necessary for recording audio CDs.

6. Connect the power cable to the power connector on the rear panel of the CD-RW drive.

Insert the power cable plug in the correct orientation into the power connector. The plug is shaped so that it can be easily inserted in only one orientation; do not force the plug into the connector. The +5v terminal is on the left as you face the rear of the panel; the +12v terminal is on the right. The two center terminals are ground terminals.

- 7. Re-install your computer's cover, faceplate, or bay cover.**
- 8. Start your system.**

High Speed Recording Guidelines

To optimize your drive performance and avoid system lockup conflicts, especially when recording to CD-R discs at high speeds (40X or 52X speed), you need to exercise the following options to enable DMA on your system:

Windows XP

1. **Right-click** My Computer **and select** Properties.
2. **Click** Hardware **and select** Device Manager.
3. **Double-click** IDE/ATA/ATAPI Controllers.
4. **Double-click** Secondary IDE channel **and select** Advanced Settings.
5. **Click** Transfer Mode **and select** DMA if available.

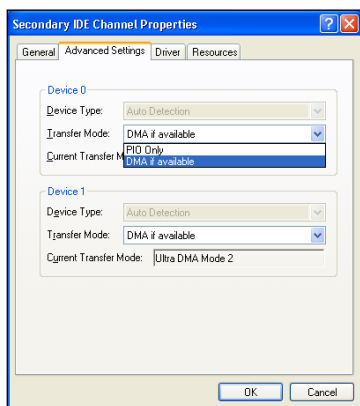


Figure 8. Windows XP Transfer Mode setting

Windows 2000

1. **Right-click** My Computer **and select** Properties.
2. **Click** Hardware **and select** Device Manager.
3. **Click** IDE/ATA/ATAPI Controllers, **double-click** Secondary IDE Channel **and select** Advanced Settings.
4. **Click** Transfer Mode **and select** DMA if available.

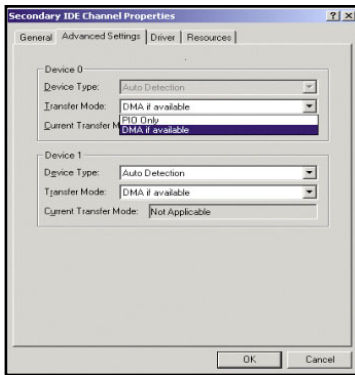


Figure 9. Windows 2000 Transfer Mode setting

Windows 98SE and Windows ME

1. **Right-click My Computer and select Properties.**
2. **Click Device Manager and double-click the CD-ROM icon.**
3. **Double-click on your original CD-ROM drive reference and click the Settings tab.**

The system displays the following screen (Figure 10):

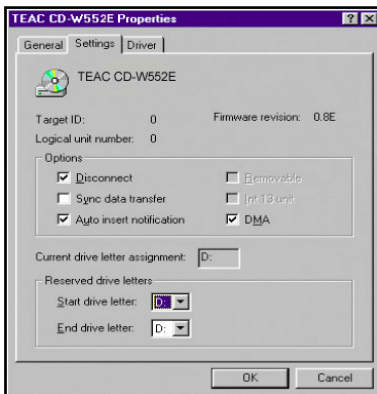


Figure 10. Checking the DMA Box

4. **Check the DMA box, then click OK.**
5. **Repeat Step 4 for your hard disk drive in the Disk Drives section.**
6. **Close the System Properties windows and restart your system.**

Windows NT 4.0 Workstation

Windows NT 4.0 requires you to edit the Registry in order to enable the DMA setting. It is recommended that you follow the instructions from the Microsoft KnowledgeBase. You can access article number **Q158873: How to Enable IDE DMA Bus-Mastering Using SP2 Atapi.sys** at www.microsoft.com. Enter article number “Q158873” in the search field.

Caution: *Using the Registry Editor incorrectly will cause serious problems that will require you to reinstall Windows NT. Be very careful and always back up your files before you make any changes.*

It is also recommended that you install the latest Service Pack to ensure you have the latest updates in your system. For information, see article number **Q152734: How to obtain the latest Windows NT 4.0 Service Pack** at www.microsoft.com. Enter article number “Q152734” in the search field.

Notes:

- ☐ The IDE CD-RW drive is a true Plug-N-Play device; therefore, it will be detected automatically by Windows 98SE/Me/2000-Professional/XP. There is no need to install any drivers.
- ☐ **Windows NT 4.0 Workstation Users:**
Windows NT 4.0 does not support the Plug-N-Play feature. Therefore, confirm that the IDE CD-ROM DRIVE ATAPI version 1.2 driver is installed. If not, open the Control Panel, double click “SCSI Adapters,” click the “Drivers” tab, then click the “Add” button. At the “Select a SCSI Adapter Option” window, select “IDE CD-ROM DRIVE (ATAPI Ver 1.2).” Click “Install” and follow the instructions on screen.
- ☐ The drive is recognized by the operating system as a typical CD-ROM drive. Once you confirm that you can read (play) data discs from the CD-RW drive, install the Roxio software to enable recording to CD-R and CD-RW discs. (For more information, see Chapter 3, beginning on page 15.)

Connecting to Audio Equipment

The CD-RW Drive outputs line-level audio signals from the headphone jack on the front panel. You can connect headphones or external powered speakers here. The headphone jack accepts a 3.5 mm stereo mini-plug. For external powered speakers, connect a stereo adapter to split the output into separate leads for the left and right channels. Such adapters convert a male stereo mini-jack to two female phono jacks.

Alternatively, if you are using a sound card in your PC, you can connect external powered speakers to the audio connectors on the rear panel of the PC.

Note: If you connect external powered speakers to the sound card (on the rear panel of the PC), monitoring sound via headphones connected to the headphone jack on the front panel will be disabled. In this case, connect the headphones to the speaker.

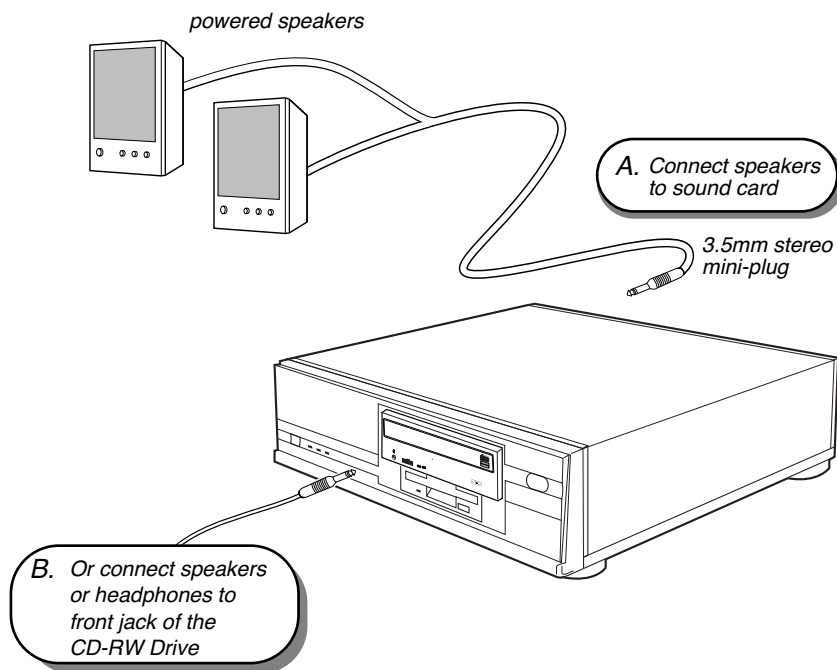


Figure 11. Connecting Analog Audio Speakers or Headphones

Chapter 3. Installing and Launching Easy CD Creator 5.3x Basic on Windows Systems

Note: *The CD Recording software included in this package will work on systems on which Windows 2000-Professional has been fully installed. It will not work on systems on which Windows 2000 has been installed by upgrading earlier versions of Windows (i.e., Windows 98SE). This software will not work with Windows 2000 Server, Advanced Server, Datacenter Server, or Windows NT 4.0 Server.*

Before installing the software, please make sure that the TEAC CD-RW drive is properly installed as per the instructions in “Chapter 2. Configuring and Installing the CD-RW Drive” beginning on page 7.

To record data or audio onto CD-R or CD-RW discs using your TEAC CD-RW drive, you need to use pre-mastering software, such as Easy CD Creator 5.3x Basic. Your kit includes a CD-ROM that contains Easy CD Creator 5.3x Basic software applications for Windows 98SE, Windows Me, Windows NT 4.0 Workstation, Windows XP, and Windows 2000-Professional systems.

Easy CD Creator 5.3x Basic is a premastering software application that enables you to:

- ☐ create audio/music CDs
- ☐ create data CDs to archive data files
- ☐ drag-and-drop files onto CD-R or CD-RW discs using DirectCD
- ☐ create duplicate copies of discs, assuming you have a second CD-ROM drive, using CD Copier software

Uninstalling Old Versions of Easy CD Creator

If you have an old version of Easy CD Creator (and/or other recording software) on your system, you must uninstall it before you install Easy CD Creator 5.3x Basic.

To uninstall the old version of Easy CD Creator, select:

Start > Programs > Adaptec Easy CD Creator 4 (or your version) > Uninstall

The system displays the Control Panels window. Use the Add/Remove Programs utility to uninstall the old program. For additional information, refer to your Windows documentation.

Alternatively, you can uninstall the program using the Add/Remove Program tool in the Control Panel.

Installing Easy CD Creator 5.3x Basic Software

Before you install Easy CD Creator 5.3x Basic, disable any applications that may be running in the background, including anti-virus software, screen savers, schedulers, etc.

To do so, press CTL-ALT-DEL on your keyboard. The Close Program panel will display a list of all current programs in memory (Figure 12). With the exception of “Explorer” and “Systray,” select each program, then click the End Task button. (You may need to repeat this process since you can only disable one application at a time.) Then proceed with the installation below.

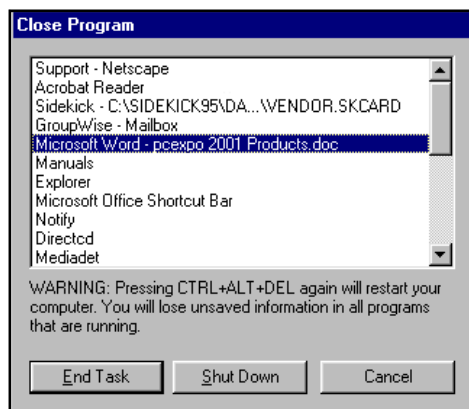


Figure 12. Close Program Panel

Follow these steps to install Easy CD Creator 5.3x Basic software on your computer's hard disk.

1. **Insert the *Easy CD Creator 5.3x* CD-ROM into your computer's CD-ROM drive or into the TEAC CD-RW drive.**

If the Autoplay function is enabled, the system displays the auto detect screen (Figure 13). Click Yes to continue.

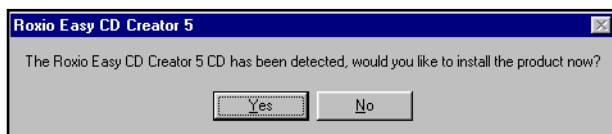


Figure 13. Auto Detect Panel

If the auto detect panel is not displayed, double-click the My Computer icon, then double-click the icon for the CD-ROM drive, and double-click on setup.exe.

The system displays the following Choose Setup Language panel (Figure 14 on page 17).

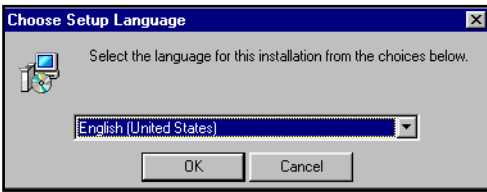


Figure 14. Choose Setup Language Panel

2. Select a language and click the OK button.

The system displays the following installShield Wizard Welcome panel.

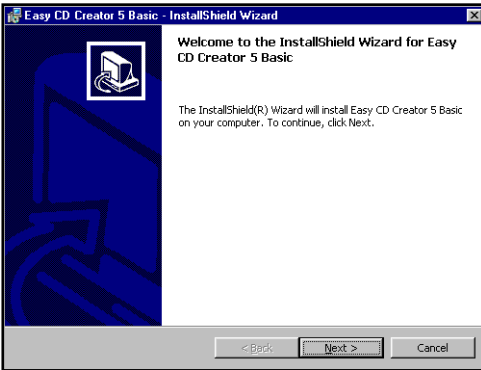


Figure 15. InstallShield Wizard Welcome Panel

3. Click the Next button.

The system displays the following panel:

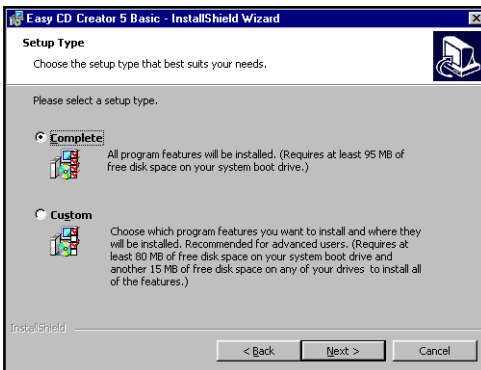


Figure 16. Setup Type Panel

4. Select a setup type, then click the Next button.

The system verifies that you wish to begin the installation (Figure 17 on page 18).

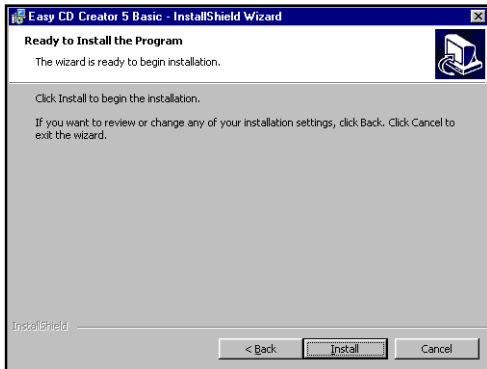


Figure 17. Ready to Install Panel

5. Click the Install button.

The system begins the installation and displays a progress bar (Figure 18).

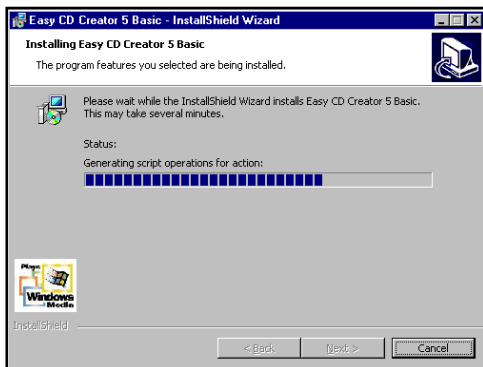


Figure 18. Installing Status Panel

If you wish to abort the installation, click the Cancel button any time. When installation is complete, the system displays the following panel (Figure 19 on page 19):

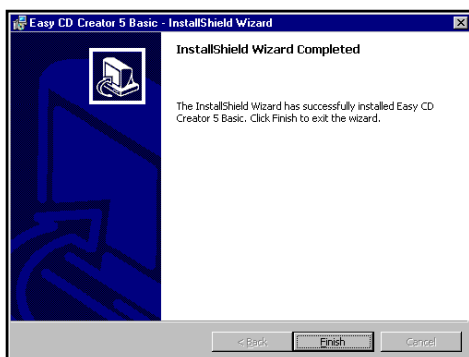


Figure 19. InstallShield Wizard Completed Panel

6. Click the Finish button to exit InstallShield Wizard.

The system advises you to restart the computer to use Easy CD Creator 5.3x Basic.

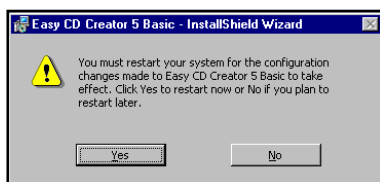


Figure 20. Restart Panel

7. Click the Yes button to restart the computer.

Once the system reboots, Easy CD Creator 5.3x Basic will be ready for use.

Online Registration

There is no need to register any portion of this kit. TEAC provides 100% support for the drive and the Roxio software. If a Registration Reminder panel appears when you launch the Easy CD Creator 5.3x Basic software, check the Do not show this reminder again box and close the Registration Reminder panel by clicking the Remind me later button. Refer to “Appendix C. Technical Support” on page 29 if you wish to contact TEAC.

Starting Easy CD Creator 5.3x Basic

To start Easy CD Creator 5.3x Basic:

1. **Click the Start button on the Windows task bar, and select from the pop-up menu:** Programs > Roxio Easy CD Creator 5 > Project Selector.

The system displays the Select a Project panel for Easy CD Creator 5.3x Basic (Figure 21 on page 21), which enables you to create audio or data discs and perform other functions. (Alternatively, to start the program you can double-click the Easy CD Creator shortcut on the desktop.)

For information on using each function, please see Figure 21 on page 21 and “About the Help Files (help button)” on page 22.

Using Easy CD Creator 5.3x Basic

Your copy of Easy CD Creator 5.3x Basic enables you to:

- ☐ Create custom audio CDs from audio tracks, MP3 files, or WAV files.
- ☐ Create data CDs from graphic images, photos, video clips, or your personal files.
- ☐ Use DirectCD to drag-and-drop files to CD as simply as you copy files to a standard floppy disk.
- ☐ Copy CDs using CD Copier (an additional CD-ROM or DVD-ROM drive is required) with DAE support.
- ☐ Download the latest drive support and software updates (Internet access required).
- ☐ Purchase the upgrade to the Platinum version of Easy CD Creator 5.3x.
- ☐ Access the on-line Help system for more detailed information.

<p><i>Note: For a detailed description of how to use Easy CD Creator 5.3x, please refer to the Quick Start Guide in PDF format on the software CD-ROM in the following disc directory: Help_pdf\Enu\QuickRef.pdf.</i></p>

Refer to Figure 21 on page 21.

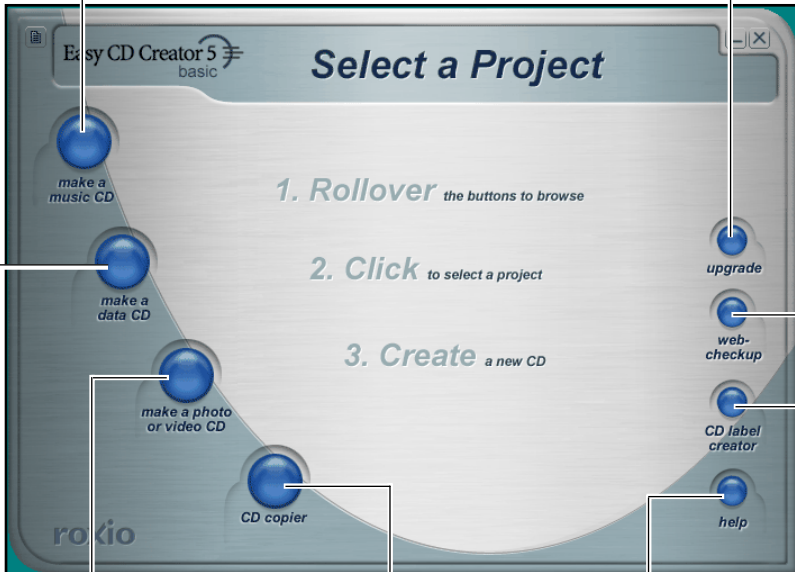
With Easy CD Creator 5.3x Basic, you can do the following:

Create data CDs in several formats. For example, you can create discs that contain graphic images or photographs in various file formats. You can also backup or archive any type of file.

Download the latest drive support and software updates via the Internet.

Upgrade to CD Creator Platinum.

Create custom audio CDs from audio tracks, MP3 files, or WAV files.



If you upgrade to CD Creator Platinum, you can create photo albums and video postcards.

However, you can record video files to CD using the "make a data cd" function.

With an additional CD-ROM drive, you can duplicate discs.

Access the on-line Help system.

If you upgrade to CD Creator Platinum, you can create labels for your CDs.

Legend

Easy CD Creator 5.3x Basic

Easy CD Creator 5.3x Platinum

Figure 21. Easy CD Creator Select a Project Panel

About the Help Files (*help* button)

This document explains the basic operations of Easy CD Creator 5.3x. To learn more, refer to the extensive on-line Help system.

Before you install the program, you can access the *Quick Start Guide* in the Help_pdf\Enu\Quickref.pdf on the CD-ROM.

You need Adobe Acrobat Reader to view the document. The Reader is available as a free download from the following URL:

<http://www.adobe.com/prodindex/acrobat/readstep.html>

After you install the program, you can more easily access the Help system by clicking the Help menu in the selected program.

The Select a Project panel (Figure 22 on page 22) features a Help button that links to additional information about Easy CD Creator.

To access on-line help:

1. **On the Select a Project panel (Figure 22 on page 22), position the cursor over the help rollover button in the lower right corner.**

The system displays the help button and a brief description of the on-line help.

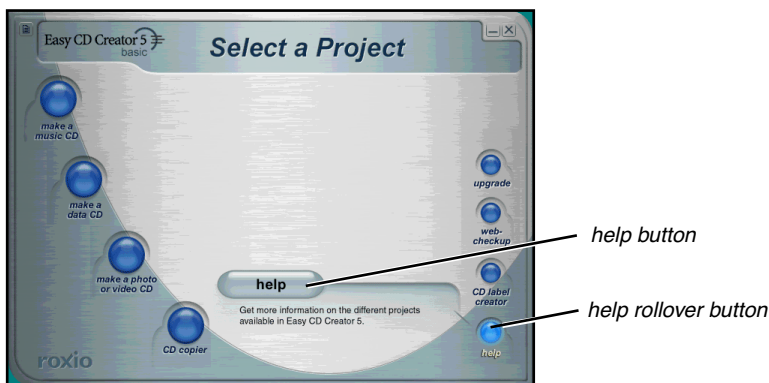


Figure 22. Select a Project Panel: Help Button

2. **Click the help button.**

The system displays the Help Topics panel.

3. **Click a topic in the left column of the Help Topics panel to expand the topic list. Click an item to display detailed information in the right column.**

Upgrading the Software (upgrade button)

If your computer has access to the Internet, you can upgrade Easy CD Creator 5.3x Basic to Easy CD Creator Platinum by clicking the upgrade button on the Select a Project panel and following the instructions.

Roxio will handle technical support for Easy CD Creator 5.3x Platinum directly.

Updating the Software (web-checkup button)

If your computer has access to the Internet, you can download the latest software updates for Easy CD Creator 5.3x.

To download the latest software update:

1. **Roll over the web-checkup button on the main Select a Project panel (Figure 21 on page 21).**

The system displays another web-checkup button and a short description of the web-checkup function (Figure 23 on page 23).

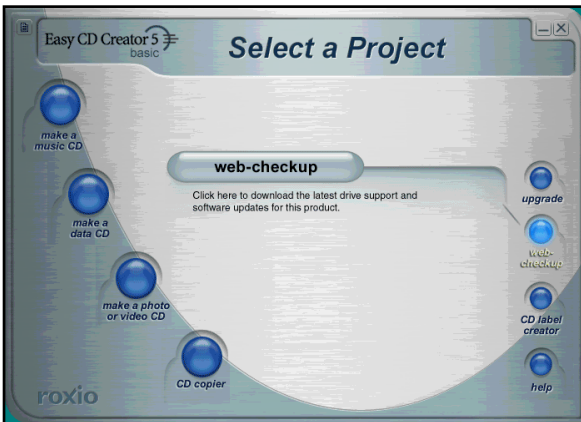


Figure 23. Select a Project: Web-checkup Button

2. **Click the web-checkup button and follow the instructions on the web page to download the software updates.**

Updating the Software (web-checkup button)

Appendix A. About CD-R and CD-RW Discs

This appendix explains how to handle, load, and eject CD-R and CD-RW discs. It also lists recommended media and supported disc formats.

Handling Discs

- ❑ Handle compact discs only by their edges to avoid getting fingerprints on the surface. Do not touch the disc's data surface (unlabeled side).
- ❑ Do not place discs in direct sunlight, or in locations subject to high humidity, high temperatures, or dusty conditions.
- ❑ If cleaning the disc becomes necessary (due to erratic operation or visible dust or smudges), gently wipe the surface of the disc from the center to the outside edge. Do not use benzene, alcohol, thinner, or other solvents.

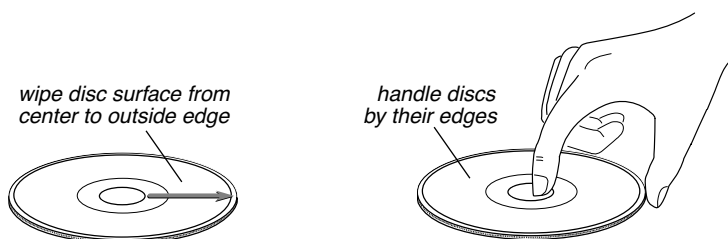


Figure 24. How to Handle Compact Discs (CD-R and CD-RW)

Recommended Media

One blank TEAC CD-R disc and one blank CD-RW rewritable disc are included in the package with your CD-RW.

For optimum performance, use only 74 or 80-minute, 52X speed rated blank CD-R and high speed 4X-10X or 12X rated CD-RW media from TEAC or the following manufacturers:

Disc Type	Manufacturer
CD-R	Acer
	CMC
	Fuji Film
	Kodak
	Maxell
	MaxMax
	Mitsubishi Chemical
	Mitsui Toatsu Chemical
	Philips
	Pioneer
	Princo
	Prodisc
	PVC
	Ricoh
	Ritek
	Sony
	Taiyo Yuden
	TDK Electronics
	Verbatim
	Yamaha

Disc Type	Manufacturer
CD-RW	Acer
	CMC
	Digimaster
	Maxell
	MaxMax
	Mitsubishi Chemical
	Ricoh
	Ritek
	Sony
	TDK
	Traxdata
	Verbatim
	Yamaha

Disc Formats

The TEAC CD-RW drive supports the following disc formats:

Disc Format	Data Capacity
CD-DA	74 or 80 minutes
CD-ROM Mode 1	650MB or 700MB
CD-ROM XA Mode 2 (Form 1)	650MB or 700MB
CD-ROM XA Mode 2 (Form 2)	738MB or 794MB
CD-R	650MB or 700MB
CD-RW	650MB or 700MB
CD-I	650MB or 700MB
Video-CD	650MB or 700MB
CD Extra/CD-Plus	650MB or 700MB
CD-Text	650MB or 700MB
Multi-session Photo CD	650MB or 700MB
CD-MRW	650MB or 700MB
DVCD	650MB or 700MB

Loading and Ejecting Discs

To load a disc, first open the disc tray by pressing the Eject button on the front of the drive. Place the disc on the disc tray with its label side facing up. Then press the Eject button again to retract the disc tray back into the drive.

To eject a disc, press the Eject button on the front of the drive to extend the disc tray (refer to Figure 25). Remove the disc from the disc tray and place it in its protective case. Then press the Eject button again to retract the disc tray back into the drive.

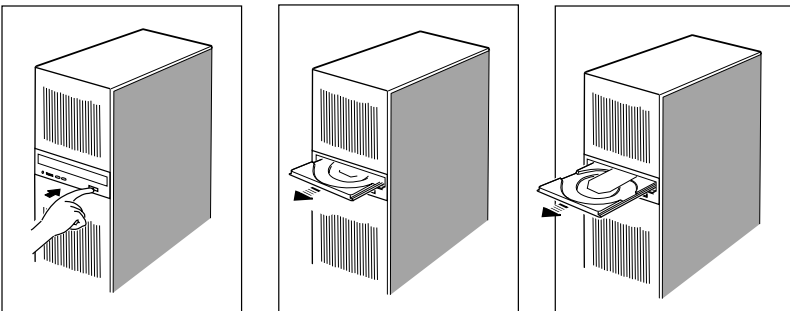


Figure 25. Ejecting the Disc Tray

Appendix B. Specifications

The following table lists the product specifications for the TEAC CD-RW drive.

Model	CD-W552E
Interface	IDE/ATAPI
Transfer Rate	Write: 52X maximum (7.8MBps) Rewrite: 24X maximum (3.6MBps) Read: 52X maximum (7.8MBps)
Access Time	100 msec (1/3 Stroke)
Audio Extraction Speed	52X maximum (7.8MBps)
Video Playback	52X maximum (7.8MBps)
Buffer Size	2MB
Buffer Management	Buffer underrun prevention
Write Methods	Track At Once; Disk At Once; Session At Once; Packet Write
Write Verification	Running Optimum Power Control to dynamically adjust laser write power
Logical Recording Format	ISO9660, UDF & CDR-FS Packet Write
Read Compatibility	CD-DA; CD-ROM Mode-1; CD-ROM XA Mode-2 (Form-1 and 2); Multi-session PhotoCD; CD-I; Video CD; CD Plus; CD-RW; CD-R; CD-TEXT
Disc Loading	Power Tray (caddy not required)
Front Panel	Built-in Headphone Jack, Dual Status LEDs, Volume Control Knob, and Power Eject Button
MTBF	100,000 POH
Dimensions	5.86"(W) x 1.63"(H) x 7.78"(D)
Weight	2.2 lbs.
Power Supplies	+5VDC, +12VDC
Analog Audio Headphone Line-Out	0.7Vrms 0.7Vrms
Headphone Jack	3.5mm diameter stereo mini-headphone jack
Installation	Horizontal or vertical, plus or minus 5°
Operating Temperature	5° C to 45° C (41° F to 113° F)
Storage Temperature	-20° C to 60° C (-4° F to 140° F)
Operating Humidity	20% to 80% (non-condensing)
Storage Humidity	15% to 85% (non-condensing)
Agency Certificate	UL, CSA, TUV, FCC, FDA

Appendix C. Technical Support

For technical support, please contact:

TEAC America, Inc. (USA)

Technical Support

Telephone: (323) 727-4860 • Fax: (323) 869-8751

Monday - Friday 8:00 a.m. - 5:00 pm PST

<http://www.teac.com/DSPD>

E-mail: dspdtsg@teac.com

