CLASSÉ

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.
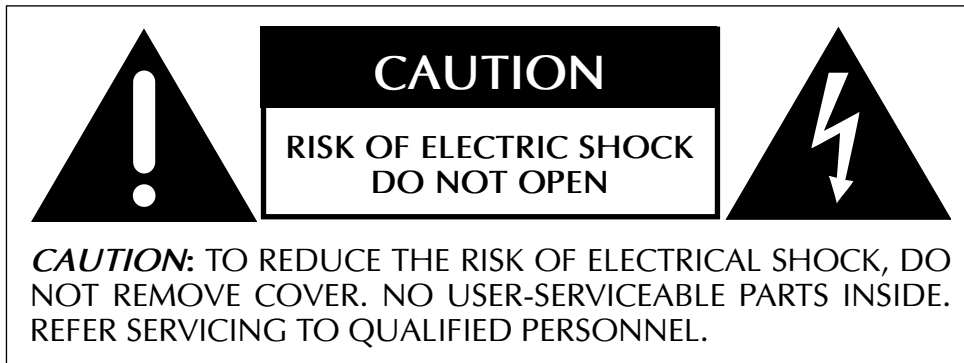
NOTICE

All of us at Classé take extreme care to ensure that your purchase will remain a prized investment. We are proud to inform you that all Classé components have been officially approved for the European Community (CE) mark.

This means that your Classé product was subjected to the most rigorous manufacturing and safety tests in the world. The CE mark certifies that your purchase meets or exceeds all European Community requirements for unit-to-unit consistency and consumer safety.

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 interference to radio or television reception, which can be determined by turning the equipment on and off, 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 the 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.

CAUTION: Changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate the equipment.

This product incorporates copyright protection technology that is protected by U.S. patents ad other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

The information contained in the manual is subject to change without notice. The most current version of this manual will be posted on our web site at http://www.classeaudio.com.

Marking by the "CE" symbol (shown left) indicates compliance of this device with the EMC (Electromagnetic Compatibility) and LVD (Low Voltage Directive) standards of the European Community.

Classé products are designed to comply with international directives on the Restriction of Hazardous Substances (RoHS) in electrical and electronic equipment and the disposal of Waste Electrical and Electronic Equipment (WEEE). The crossed wheelie bin symbol indicates compliance and that the products must be appropriately recycled or processed in accordance with these directives.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Please record the serial number for your new Classé component here for future reference.

Serial #: _____

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Important Safety Instructions

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with 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. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.

16. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle.

17. The mains plug of the power supply cord shall remain readily operable.

18. Do not expose batteries to excessive heat such as sunshine, fire or the like.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage " within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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Contents

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Welcome to the Classé family

Congratulations on your purchase of a Classé product. It is the result of many years of continuous refinement, and we are sure that you will enjoy it for many years to come.

We value our relationship with our customers. Please allow us to stay in touch with you by registering your warranty on the Classé website (www.classeaudio.com) or by returning your warranty card now, before you pack up the shipping carton of your new product and forget all about it. Doing so will enable us to let you know about any possible future upgrades or updates that might become available for your Classé component.

Registering your warranty also means that warranty service can be obtained easily and quickly, even if you have mislaid your original sales slip.

You will find the warranty registration card at the end of the separate warranty policy booklet, enclosed.

Please, take a few minutes to register your product on-line or fill out the warranty registration card, and drop it in the mail.

a word about installation

Every effort has been made to make the Classé CDT-300 simple and straightforward to install and use.

Still, we have no way to evaluate other variables such as the size and shape of your room, its acoustics, and the associated equipment you have chosen to use with your DVD transport. All of these factors influence the ultimate performance of your system.

For this reason, we strongly encourage you to have your system installed and calibrated by your dealer, whose experience, training, and specialized equipment can make a profound difference in the final performance of the system.

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Unpacking and Placement

unpacking your unit | Carefully unpack your DVD transport according to the supplied instructions, and remove all accessories from the carton.

Important!

> **Keep all packing materials for future transport of your Classé product. Shipping your new component in anything other than its purpose-designed packing material may result in damage that is not covered by the warranty.**

placement | The CDT-300 has been designed to operate optimally on any stable and level surface. Incorporating vibration damping within the CDT-300's feet and CD/DVD Drive Assembly, a high level of isolation from external disturbances is incorporated.

As with any digital component, it is best to place the CDT-300 somewhat apart from your most sensitive analog electronics, particularly turntables and preamplifiers. Generally, placing it on its own shelf should suffice.

Note that adequate clearance for the AC cord and connecting cables must be left behind the CDT-300. We suggest leaving eight inches (20 cm) of free space behind your DVD transport to allow all cables sufficient room to bend without crimping or undue strain.

Classé recommends that the unit not be placed directly on the top surface of a power amplifier (or any other heat source).

ventilation | Your Classé DVD transport generates a certain amount of heat in the course of normal operation. Be sure to allow three inches (75mm) of clearance above it and three inches (75mm) to each side to allow heat dissipation through air circulation. Avoid placement on soft surfaces that would restrict airflow (such as plush carpeting).

custom installations | Drawings are included in this manual to facilitate special installations and custom cabinetry (see the section Dimensions). An optional, purpose-designed rack mount kit is available for this product. Contact your Classé dealer for more information.

serial number | The serial number for your DVD transport is found on the rear of the unit. Please note and record this number on the page entitled Important Safety Instructions for your future reference.

register your purchase!

Having found the serial number, now would be a good time to register your product on the Classé web site or fill out the registration card. Please register your purchase so we can advise you of updates and other items of interest.

It will take only a minute or so. Please register your product on line or complete the card now, before you forget.

operating voltage

The CDT-300 disc transport is set at the factory (internally) for 100V, 120V, 220V, 230V, or 240V AC mains operation, as appropriate for the country in which it is to be sold. (230V only in European Union countries, in compliance with CE regulations.) The voltage setting may not be changed by the user.

Make sure that the label on the rear panel of your DVD transport indicates the correct AC operating voltage for your location. Attempting to operate your DVD transport at an incorrect voltage may damage the unit.

Warning:

The voltage setting of your DVD transport may not be changed by the user. There are no user-serviceable parts within the unit. Please refer any problems to an authorized Classé service center.

If the AC mains voltage indicated on your DVD transport is incorrect, please contact your local authorized Classé dealer or distributor.

The CDT-300 includes protection circuitry that will prevent the transport from operating at dangerously high or low voltages.

- **At startup:** the AC mains voltage must be within a range of approximately -15% to +10% of its nominal value at startup, or the transport will not turn on. For example, a 120V unit requires the AC mains to be between approximately 95V–135V in order to turn on.
- **Overvoltage during operation:** if the AC mains voltage surges by roughly 10% or more during operation, the transport will enter protection mode and shut down. The standby LED (Light-Emitting Diode) will flash to indicate the protection mode has been engaged. An error message will be displayed on the LCD touchscreen.
- **Under-voltage during operation:** if the AC mains voltage sags by 15% or more, the transport will continue to play (since this does not present a particular danger to the transport), but note that it may not be able to achieve its usual standard of performance under these compromised conditions. The **Standby LED** will flash to indicate the condition.

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warm up/break-in period

Your new Classé DVD transport will deliver outstanding performance immediately. However, you should expect to hear it improve somewhat as it reaches its normal operating temperatures and its various components "break-in." It has been our experience that the greatest changes occur within the first 300 hours, as the transport reaches thermal equilibrium and the capacitors fully form. After this initial break-in period, the performance of your new product should remain quite consistent for years to come.

The only exception to this rule is if the unit is placed in standby or unplugged for an extended period of time, allowing it to cool down. Depending on the degree of cooling involved, you should expect a brief warm-up period before the its sound quality is at its best. Unless your DVD transport was allowed to become quite chilled, subsequent thermal re-stabilization should not take long. Fortunately, you should never have to repeat the initial 300 hour break-in period.

please read this manual...

Please take a few minutes to review this manual, and to familiarize yourself with your new DVD transport. We understand that you are anxious to plug everything in and get started. However, reading this manual and following the advice it gives will ensure that you get all the benefits you deserve from having purchased such a fine piece of equipment.

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Special Design Features

flexible GUI

The LCD touchscreen on the front panel of your new component supports an extremely flexible and versatile graphical user interface (GUI) while maintaining a clean, uncluttered appearance. The CDT-300 provides a range of controls that might otherwise require dozens of buttons and knobs on the front panel. Despite this power and flexibility, it remains simple to operate in day-to-day use.

highly refined circuit design

Classé products are designed to deliver consistent, state-of-the-art performance over many years of use. With this in mind, our engineers have developed electronic circuitry that offers both exceptional performance and stability in equal measure.

Starting with innovative circuit designs, we engineer them to optimum levels by applying meticulous attention to detail at all phases of the design and component selection process. By measuring, listening and viewing in an interactive manner we conclude whether our design goals have been met.

Finally, our designs are subjected to extensive testing to ensure longevity, reliability, and stability.

extensive listening tests

Throughout the development phase, perhaps the most important testing of all is listening and viewing our work. Subjective listening is highly valued at Classé, as striking a balance between products that both measure exceptionally and sound fabulous is our aim. We take the same approach with video, wherein sophisticated video measuring equipment is used in conjunction with subjective viewing.

extraordinary longevity

Another benefit of having worked with highly refined circuit designs so extensively over many years is that we have vast experience in what works well over the long term.

By using only the highest quality parts to begin with, and then using them in an informed way as a result of both accelerated aging experiments and actual long-term experience, we are able to design and manufacture products which we are confident will stand the test of time.

We are confident that your new Classé DVD transport will give you many years of trouble-free reliability and musical enjoyment, just as previous Classé products have given their owners.

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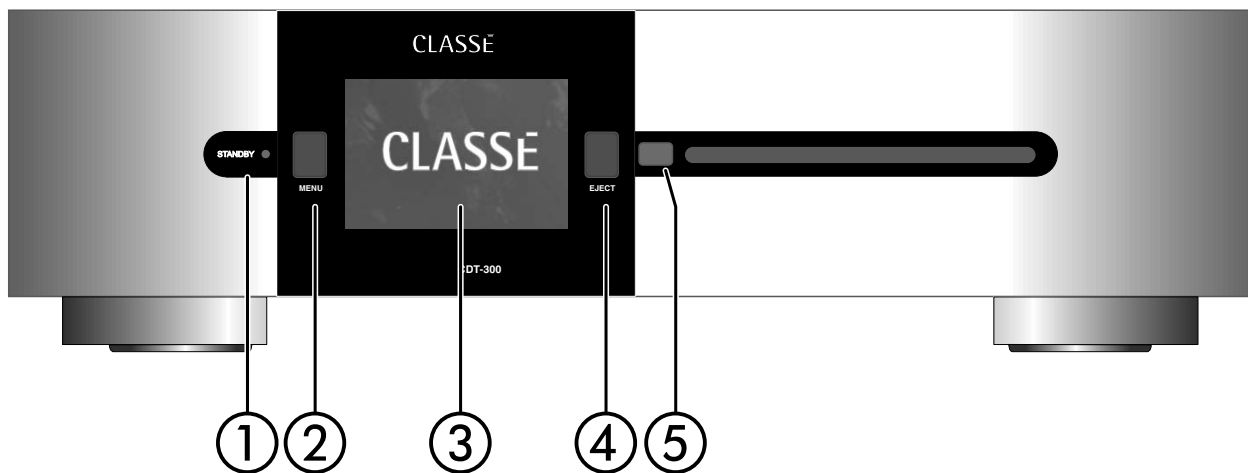
Front Panel

1   **Standby button & LED indicator**
The front panel **Standby** button will toggle the transport between its fully operational status and a *standby* mode that leaves the transport off, yet ready to respond to system commands via any of the supported control options (e.g. IR input, DC trigger, CAN-Bus, or RS-232).

The current state of the transport is indicated by the LED on the **Standby** button on the front panel. When the unit is powered and switched on, this LED indicates the following:

- On   =   *standby*
- Flashing *(on power-up)*   =   *initialization*
- Off   =   *operate*
- Flashing *(after power-up)*   =   *AC mains voltage out of range*

If you are not going to use the transport for an extended period of time, e.g. vacation or other travel, we suggest you disconnect it from the AC mains. Please be certain that the transport is in standby prior to disconnecting it from the AC mains.

Also, it is a good practice to physically disconnect any and all valuable electronics from the AC mains during electrical storms, as a lightning strike anywhere near your home can put a tremendous surge on the AC mains that will easily jump across a simple power switch. The resulting surge (which may be many thousands of volts) can damage any piece of electronics, no matter how well designed and protected. The best protection in the case of severe electrical storms is simply to remove the electronics from any connection with the power grid.

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2   Menu button

Pressing the front panel **Menu** button will call up the menu system, replacing the normal status display in the LCD touchscreen of the CDT-300.

3   LCD touchscreen

Most of your interaction with the CDT-300 will be with the front panel **LCD touchscreen** (and with the CDT-300's supplied remote control). It will usually display the information you are accustomed to seeing on the front of most CD and DVD transports (track number, time, etc.), as well as the basic transport controls. In addition, the touchscreen can be used to preview videos you may be "cueing up" for friends or family, and to navigate DVD-Audio discs' menu systems without the distraction of having to turn on your main video display.

By pressing the **Menu** button, you can also call up the menu system of the CDT-300, which gives you control over many of the operational details of the DVD transport, including system setup options, various *display* options (including the *language* in which the menu system itself displays), and several custom-installation capabilities that allow superior integration of the CDT-300 into complex systems.

For more information, see the section *The Menu System* later in this manual.

4   Eject button

The front panel **Eject** button operates the slot-loading mechanism of the CDT-300. It will eject a loaded disc. There may be a short delay prior to ejection whilst a disc is playing, in order to give the disc time to come to a stop.

A blue light illuminates the slot when there is no disc loaded.

5   IR window

The **infrared** (IR) **receiver** and **transmitter** are located behind this window. Ordinarily, your Classé CDT-300 must be able to "see" the remote control from this window in order to respond to remote control commands.

If your DVD transport will be located behind closed doors, or for any other reason will not be able to "see" the remote control during normal operation, you may use the rear panel **IR input** and **output** mini-jacks and an *IR repeater system* to solve the problem. For more information about using an infrared repeater system to route signals to and from the CDT-300, refer to the section *Rear Panel* later in this manual, or contact your local Classé dealer.
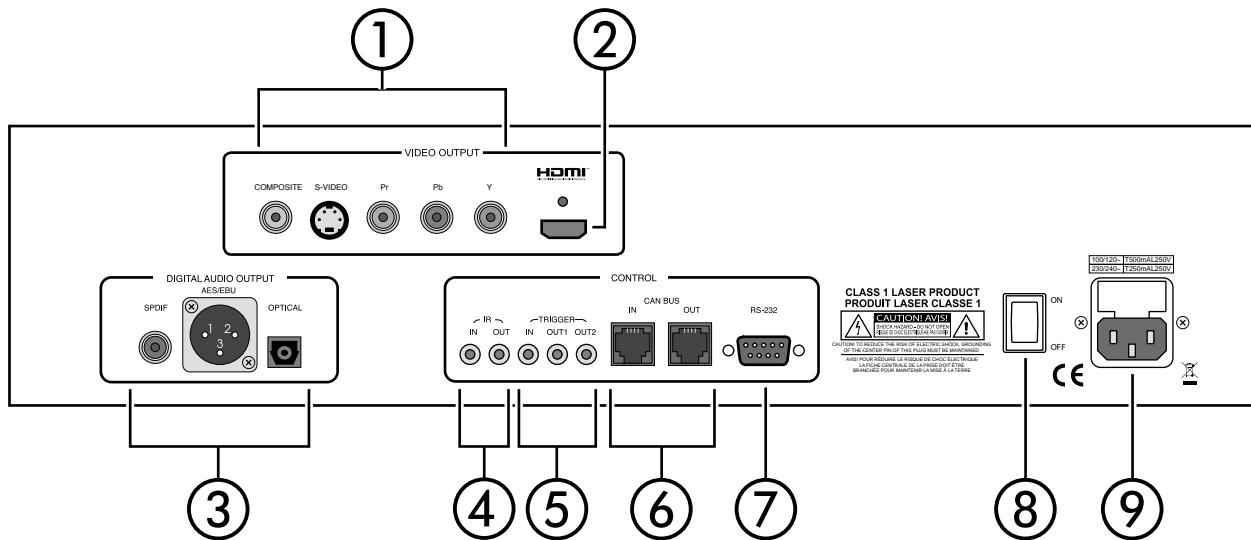
Rear Panel

1   Analog Video Outputs

The CDT-300 is equipped with a complete set of analog video outputs: Component (Y, Pb, Pr), S-Video, and Composite. The S-Video output employs the standard S-Video (mini-DIN) connector, while the Component and Composite outputs employ high quality RCA connectors.

Note that the three analog video standards offer varying degrees of performance:

- Component video renders the best analog video quality, and provides compatibility with progressive and high definition video signals. As a result, the component outputs are the analog outputs you will want to use in order to take full advantage of the video scaling and processing capabilities of the CDT-300. (The HDMI output also supports video scaling and processing.)
- S-Video is capable of rendering a high quality video image, but is limited to standard definition, interlaced signals.
- Composite video is the most common analog video interface, available on almost all display devices. Like S-video, it is also limited to standard definition, interlaced signals.

For this reason, you are advised to use component video connections whenever possible.

All three analog video outputs are active simultaneously. Connect the appropriate video output(s) of the CDT-300 to the corresponding inputs of your A/V preamplifier/processor using high quality video cables. Your Classé dealer can assist you in making an appropriate cable selection.

Note that due to Macrovision copy protection software, all HD resolutions may not be available depending on the disc.

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2 HDMI Digital Video Output

The HDMI output of the CDT-300 provides for a direct, digital video connection to your display. Digital display devices such as LCD and DLP™ are used increasingly in modern home theater settings; HDMI allows you to keep the video signal in its digital form all the way to the display, offering stunning clarity and realism.

In addition, HDMI carries the multichannel audio signal and some additional data about the signal being played. When fully implemented, it can become the only connection between the DVD transport and the A/V preamplifier/processor. (The A/V preamp retains the audio signal and passes the video along to the display device.) More often, people prefer to run separate audio and video cables since doing so offers some additional flexibility as well as the potential for higher audio performance via AES/EBU connection.

If your display has a DVI input rather than an HDMI input, contact your Classé dealer about a suitable adapter cable. The DVI standard lacks the audio capabilities of HDMI, and is growing less popular in the consumer electronics world. A simple and inexpensive adapter can convert from the HDMI connector to the DVI connector, and the electrical characteristics of the digital video signals are the same.

3 Digital Outputs

The CDT-300 has three digital outputs, all of which carry the same information. You may use whichever connection you prefer, consistent with the available connections on your A/V preamplifier/processor. Only *one* of the three connections is needed.

coaxial digital output

The coaxial digital output provides a digital audio signal via a 75Ω coaxial cable equipped with RCA-type connectors. Connect this output to a corresponding coaxial digital input on your preamplifier/processor.

AES/EBU digital output

The AES/EBU output provides a digital audio signal via a 110Ω balanced cable equipped with XLR-type connectors. Connect this output to a corresponding AES/EBU digital input on your preamplifier/processor.

optical digital output

The optical digital output provides a digital audio signal via a standard EIAJ ("*Toslink*™") optical cable. Connect this output to a corresponding optical digital input on your preamplifier/processor.

Making any one of these connections allows you to feed the signal in its digital form directly to your A/V preamplifier for further digital processing.

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4   IR Input and Output

Your Classé DVD transport includes two ⅛th-inch mono mini-jacks in order to support the infrared (IR) remote controls that are ubiquitous today. Infrared commands exist (for example) for toggling the transport between *operate* and *standby*, in addition to discrete command codes for either *operate* or *standby*. These codes may be used in "macros" for sophisticated remote control systems, facilitating the control of the transport in the larger context of a complete system.

The list of commands available is quite extensive, enabling even complex *macros* (chains of commands strung together) to operate flawlessly. If this capability is of interest to you, we strongly recommend discussing it with your authorized Classé dealer.

Note that *IR Input and Output* is a bit of a misnomer: the input and output of these plugs is *electrical* in nature, not infrared. They are used with standard IR receivers, distribution amplifiers, and emitters (available from your dealer) to translate the remote's IR signal to an electrical signal and *vice versa*. The big advantages here include being able to easily route the signals anywhere they might need to go and the reliability of a solid electrical connection.

Since an IR distribution system such as your dealer may design for you usually must control many products, your DVD transport includes both an IR input (for the control of this product) and an IR output (so as to pass along the same signal to the next product). This allows you to "daisy chain" your control wires from one product to the next.

Note:

Many IR repeater systems do not yet support the stripped-carrier signal format required by your DVD transport. If yours does not, a Delta IR Interface may be required to ensure compatibility between your IR repeater system and your Delta-series Classé equipment.

Your dealer can assist you in designing an effective IR repeater system.

The transport is designed to respond to IR commands of 5VDC, with the tip of the mono mini-jacks defined to be "positive" relative to the shank of the plug.

−　　+

5Vdc @
less than 100 mA

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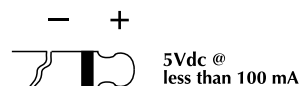
5   DC Trigger Input and Output

Many audio/video components can supply a DC control voltage to associated equipment in order to induce desired behavior. Your Classé DVD transport can take advantage of these capabilities in order to be switched between *operate* and *standby* automatically, usually in concert with the A/V preamp itself.

The ⅛th-inch mono mini-jack Trigger In provides for remote-controlled turn-on (that is, toggling between *operate* and *standby*) of the transport.

Two ⅛th-inch mono mini-jacks provide individually controllable DC trigger outputs which can be used for any of a number of purposes, as described in *The Menu System*. For example, your dealer can program Trigger Out to toggle your Classé power amplifier between operate and standby with your CDT-300.

The remote Trigger In will respond to the presence of 5–12VDC, with tip polarity as shown below:
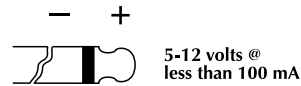
Similarly, the Trigger Outs will create a 12VDC signal that can support up to 100mA of current.

6   Classé CAN-Bus Control Ports

These RJ-45 connectors are reserved for future control and communication applications using Classé Audio's implementation of the Controller Area Network (CAN) Bus specification.

7   RS-232 Control Port

This port has two purposes:

- downloading new operating software into your DVD transport (should new features ever be added, for example)
- external control of your preamplifier by systems such as i-Command™, AMX® and Crestron™

For more information, please contact your dealer and ask about home automation systems.

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8   AC Mains Power Switch

The main power switch for the CDT-300 is located at the right side of the rear panel. The transport should be in *standby* mode before being switched off. Switching the unit on puts it in *standby* mode.

Danger!

Potentially dangerous voltages and current capabilities exist within your DVD transport, even when disconnected from AC mains. Do not attempt to open any portion of the transport's cabinet. There are no user-serviceable parts inside your DVD transport. All service of this product must be referred to a qualified authorized Classé dealer or distributor.

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9   AC Mains Input

An IEC standard power cord (supplied) is used with the CDT-300. Plug the cord into the IEC outlet provided, and the other end into a suitable wall outlet.

The AC inlet assembly includes a built-in fuse for the protection of the unit in case of major AC mains problems and/or component failure.

If your CDT-300 ever behaves as though it were not connected to the AC mains (meaning it seems completely dead), remove the AC cord from the unit and open the fuse holder immediately above the AC cord inlet. If the fuse is blown, replace it with the spare fuse contained in the fuse holder. If the spare fuse blows, take the unit to your qualified Classé dealer immediately.
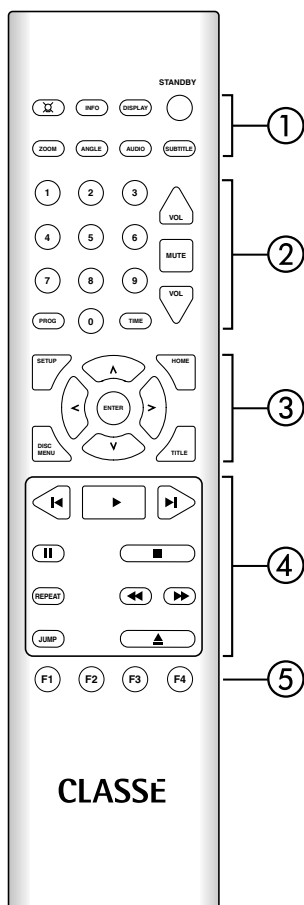

Caution:

There are no user-serviceable parts inside the CDT-300. Do not attempt to diagnose the problem yourself.

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The Remote Control

Your new DVD transport comes with a versatile remote control which can control both the CDT-300 itself and several aspects of the rest of a Classé-based system. The keys are arranged in logical groups according to their functions.

1   **Basic Functions**
    This section along the top of the remote control includes two groups of four functions that control your basic interactions with the CDT-300. The general group is located in the topmost row, and includes:

- **Light** switches the backlighting of the remote control on, for better visibility under low-light conditions. After a few moments of inactivity, the backlight switches off automatically.
- **Info** takes you directly to the *status* screen in the LCD menu system, displaying several items of information about the CDT-300 and its current operational status.
- **Disp** (for *Display*) cycles through the three brightness settings of the screen display.
- **Standby** toggles the CDT-300 between *standby* and *operate*.

The DVD-specific group addresses secondary features of the DVD standard which you may have seen on other DVD transports, namely:

- **Zoom** cycles through the available "zoomed in" or magnified views of the DVD.
- **Angle** cycles through the available camera angles of the DVD being watched. *(Relatively few discs take advantage of this optional feature of the DVD standard.)*
- **Audio** cycles through the various available soundtracks on the disc being played. *(You can set your preference in the menu system, and it will become the default; this button cycles you through the other options, should you want to explore them.)*
- **Subtitle** cycles through the available subtitles in various languages.

2   **Numeric Keypad, Programming & Volume**
    The next section down on the remote control provides the numeric keypad for use in directly accessing particular tracks on the CD/DVD you are playing, as well as two keys that are frequently used in conjunction with the numeric keys. The Volume and Mute controls are also in this section.

- The **Numeric Keypad** can be used to access specific tracks/chapters directly from your remote control. Simply press the appropriate number key (or keys) followed by the **Play** key. The CDT-300 will go directly to your selection and begin to play. For example, to play track 12, press the **1**, **2**, and **Play** keys in sequence.

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- **Time** cycles through the four time display modes:
    time elapsed on track
    time elapsed on disc
    time remaining on track
    time remaining on disc
- **Prog** (for Program) allows you to quickly and easily create a programmed sequence of tracks (or chapters) to be played on the current disc. Pressing **Prog** will take you directly to the program page of the menu system, regardless of where you might be. Once on the program page, you can change the highlighted track using the **Up** and **Down** buttons, and can use the **Enter** button to toggle whether it is included in the current program. Pressing **Prog** a second time returns you to wherever you had been. (Note that the **program** function is not available during **play** or **pause**, only when the CDT-300 is in **stop**.)

3   Navigation Keys

The central section of the remote control contains the navigation keys. This array of keys is similar to what you may have seen on remote controls for DVD transports, and is used for navigation of the menu system of the CDT-300.

- **Setup** serves two functions: it calls up the menu system when you need it in order to adjust something to your preference; once within the menu system, pressing **Setup** returns you to the previous level of the menu system. If you press **Setup** when at the top level of the menu system, it will take you back out of the menu system to the normal display.
- **Home** returns you to the normal display of chapter/track, time, and transport controls shown on the LCD screen on the front panel of the CDT-300. This provides a quick way to get back to normal operation, regardless of how deep you might be in the menu system.

a note about DVD menus:

The DVD standard supports two levels of menus:
1) a menu of available "titles" on the disc (e.g., the main movie, plus extra "bonus" materials like documentaries, etc.);
2) each "title" then has a subordinate menu of chapters within the title.

- **Disc Menu** presents the menu of available chapters, within whatever title you are watching at the moment. *(See explanation of DVD menus in this section.)*
- **Title** gives you a list of available "titles" on the disc you are watching. *(See explanation of DVD menus in this section.)*
- **Up/Down/Left/Right** keys allow you to move within a particular menu screen, changing the highlighted item up/down/left/right as you like, from the comfort of your chair.
- The **Enter** key allows you to select the highlighted item, having the same effect as if you had pressed the button on the LCD touchscreen.

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4   Transport Controls

You will find the transport controls used to control the day-to-day playback of discs just below the navigation keys.

- ◄◄ (previous) will move backward through the chapters or tracks (or the playlist, if you have created one), one step at a time. As with most DVD players, the single exception to this is the first time you press the ◄◄ key, which will take you to the beginning of the track currently playing. Pressing the ◄◄ key again within approximately one second will then take you to the previous track.
- ► **(play)** will start the disc spinning (if necessary) and start playing the music, as expected.
- ►► **(next)** will move forward through the tracks (or the playlist, if you have created one), one track at a time.
- **II (pause)** will stop the music but allow the disc to continue spinning; when you press Play, the music will start almost immediately, and it will pick up from where you left off.
- ■ **(stop)** applies to both the music and the spinning of the disc. When you press **Play**, the disc will need to take a few moments to get up to speed prior to playing, and it will play from the beginning of the disc or the playlist (if one has been created for the disc).
- **Repeat** will cycle the CDT-300 through its repeat modes.
- ◄◄ **(scan reverse)** provides a "rewind" function, the nature of which is dictated by your **navigation preference** selection in the menu system. (See *The Menu System* for more information.)
- ►► **(scan forward)** provides a "fast forward" function, the nature of which is dictated by your **navigation preference** selection in the menu system. (See *The Menu System* for more information.)
- ▲ **(eject)** will cause the inserted disc to spin down and then eject.

5   System Controls

The CDT-300 remote control also can control user-defined functions as well as the volume and mute functions on a Classé system.

- **F1/F2/F3/F4** keys are available for controlling aspects of the CDT-300 not covered by the other buttons on the remote control. You are able to choose what the CDT-300 should do in response to receiving the infrared signal that a particular "Fkey" has been pressed. The list of possible functions is quite extensive, and is found in the menu system (see *The Menu System* section, of this manual). For example, if you are using one of the DC triggers on your CDT-300, you can toggle its state manually using one of the Fkeys.


Note: **The Fkeys on all Classé remote controls issue the same infrared commands. This saves you from having to be sure you have grabbed the proper remote, since all your Classé remotes will perform the same function for each Fkey.**

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Using the CDT-300

Your CDT-300 includes a versatile touchscreen LCD display which supports both an attractive information display and a flexible menu system. Because of this flexibility, the CDT-300 can present different controls and capabilities when playing a CD, and when playing a DVD. We will present these separately.

CD operational menu
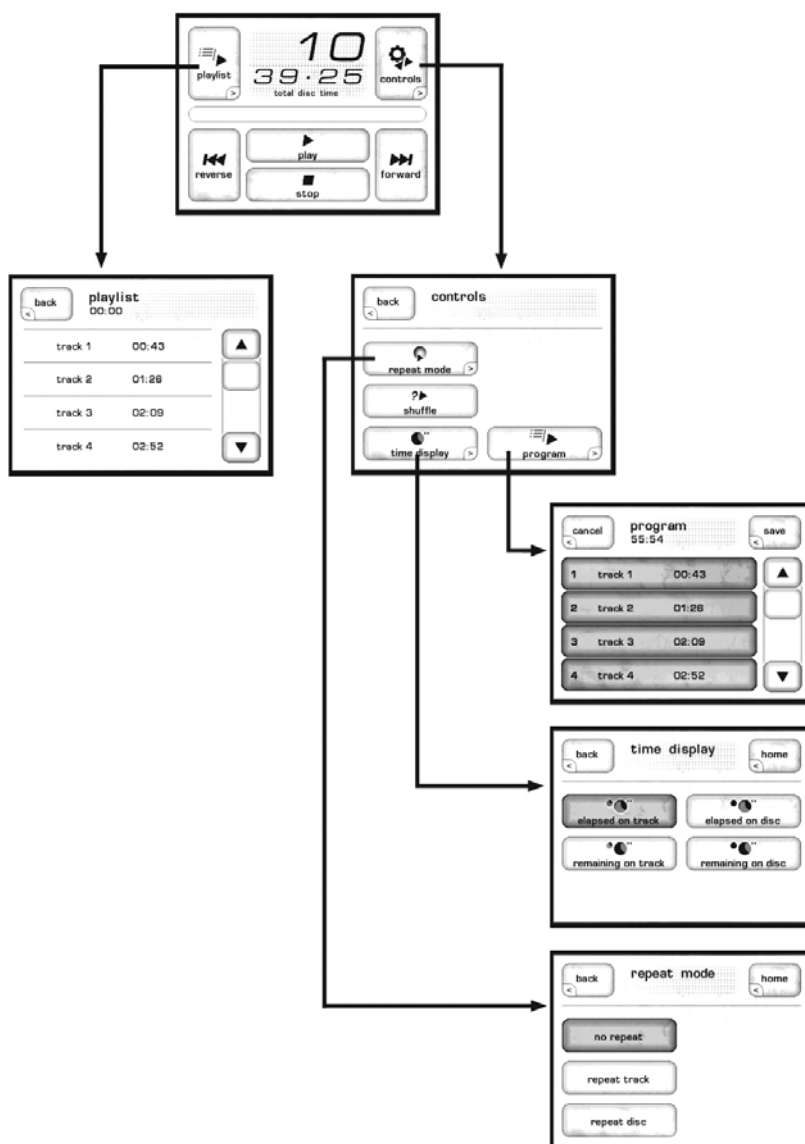
The operational menu consists of several screens that can be accessed directly from the normal display one sees when playing a CD. They are as follows:

playlist

Pressing the **playlist** button on the display brings up the playlist for the current disc. If you have not created a custom program for the disc, the playlist will simply be a list of all the available tracks on the CD, in order. If you have created a custom program (see below), it will be presented to you here. Note that this display is mainly informational; you cannot edit the playlist from this screen. You may, however, jump to any track by touching it on the screen.

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|	
controls menu	The **controls** button on the operational display brings up a menu of controls, including *repeat mode, shuffle, time display,* and *program.*
repeat mode	Pressing the **repeat mode** button on the **controls** menu displays a screen on which you may select any of the three repeat modes available: *no repeat, repeat track,* and *repeat disc*. (If you have created a program, *repeat disc* will repeat the program.)
shuffle	Pressing **shuffle** on the controls menu will engage the *shuffle mode*, which shuffles the playback order of the tracks on the current CD.
time display	Pressing the **time display** button on the **controls** menu presents a screen with four possible selections for how the current time of the disc playing is displayed: *elapsed on track, elapsed on disc, remaining on track, remaining on disc.*
program	Pressing the **program** button on the **controls** menu takes you to the programming screen. When you first load a CD, the default program for the disc is to play all the tracks in their normal order (as you might expect). This is shown on the programming screen as a list consisting of track 1 followed by track 2, track 3, and so on. A sequence number appears to the left of each track, indicating its place in the playlist. The CDT-300 is capable of storing thousands of playlists. If there is a song on the disc that you prefer to skip over, simply scroll to the track in question by pressing the **up** or **down** arrows along the right side, and then press the large button with the track number you do not want to hear. It will no longer be highlighted, indicating that it has been removed from the playlist for that CD. You can repeat this process for as many tracks as you would like to delete. If you want to create a completely different order in which the songs are played, turn off the highlighting for all the tracks by touching each of their buttons in turn. Then highlight the tracks one at a time, in your desired order. The CDT-300 will build a new playlist based on your preferred sequence. To remove a playlist, simply deselect all tracks and press the **save** button.

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DVD operational menu

When a DVD is inserted in the CDT-300, a different set of controls is displayed.
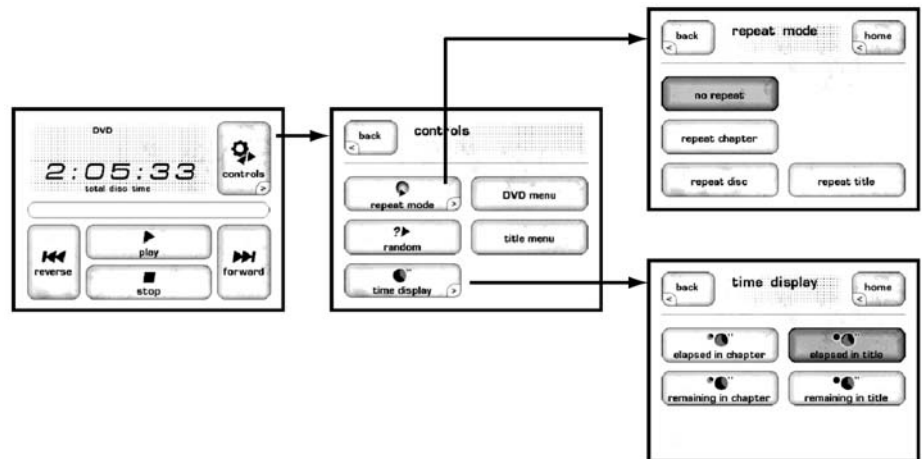
the home screen

The **home** screen for DVDs is presented at left in the graphic above, and contains basic information about where you are within the disc, as well as basic navigation buttons similar to those on your remote control.

controls

Pressing the **controls** button in the top right corner of the **home** screen takes you to the controls screen. It contains six buttons:

- **back** will return you to the **home** screen
- **repeat mode** takes you to another screen in which you can select any of the available repeat modes *(no repeat, repeat chapter, repeat disc, and repeat title)*.
- **random** will play chapters within the current title in random order. This can be used to good advantage when watching a concert DVD, or when listening to a DVD-Audio disc, in order to shuffle the order in which songs are played.
- **time display** changes the way in which the CDT-300 will display the time information of the disc being played. Your choices are: *elapsed in chapter, remaining in chapter, elapsed in title, remaining in title.*
- **DVD menu** button will return you to the *DVD menu* of the disc
- **title menu** button will return you to the *title menu* of the disc.

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The Menu System

The CDT-300 uses its versatile touchscreen display to make a wide variety of setup choices and system defaults readily available. Using these menus, you can easily customize the behavior of your DVD transport to suit your particular system's configuration, as well as your personal preferences.

main menu system

Pressing the **Menu** button to the left of the LCD touchscreen brings up a comprehensive menu system, the top two levels of which are shown below.
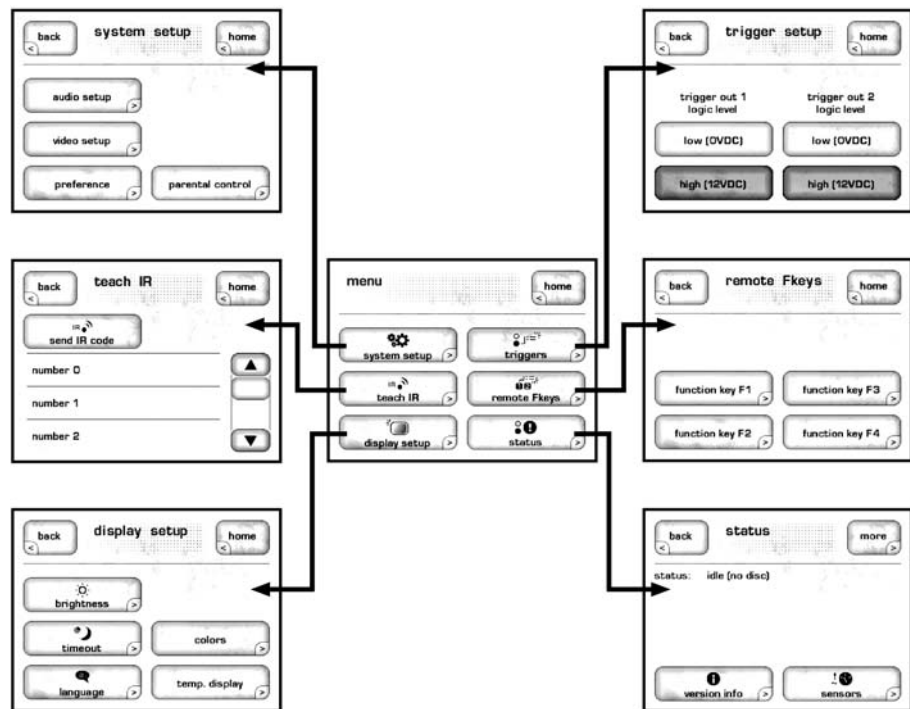
This menu system provides access to many installation-specific features that let you customize how the CDT-300 works within the context of your particular system.

system setup

The most extensive part of the menu system is under the **system setup** button. This section is both comprehensive and essential to taking full advantage of the remarkable capabilities of the CDT-300. As such, it is described more fully in its own, dedicated section of this manual. See *System Setup* for all the details.

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teach IR | The CDT-300 provides discrete infrared (IR) command codes for all its functions, a list that extends far beyond what is required by normal remote controls. However, many of these functions are critical if you plan to create a customized remote control with macros that take command of your entire system. Without these discrete codes, many of the macros you might want to create will simply not work reliably.
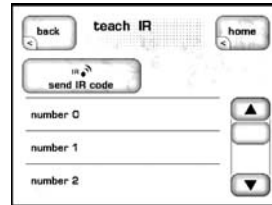
The **teach IR** screen provides a scrolling list of all the available IR codes in the CDT-300. By scrolling to the command your macro-capable remote needs to learn, and then pressing the **send IR code** button, the CDT-300 will send the appropriate command code out its front panel—where it can be learned by your third-party remote control.

For more information on such control systems, we recommend you speak with your authorized Classé dealer.

display setup | This button brings up the **display setup menu**, which itself has subordinate menus. For more detailed information, please see the **display setup menu**, found later in this manual. *(It allows you to configure the CDT-300's LCD screen brightness, the display timeout, the language used in the touchscreen and menu system and the temporary display.)*

triggers | Each of the CDT-300 DC Triggers may be programmed as to its "logic level," which is to say, whether its voltage is *low* (essentially 0V), or *high* (approximately 12VDC) when the trigger is activated. The ability to change the level of a trigger's **on** state can solve installation-specific problems that otherwise require external devices that add to both the cost and complexity of your system.
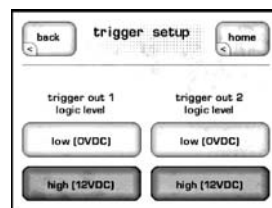
If this seems an obscure point, that's okay. It is a feature designed to solve problems you may not even have, but your installation professional appreciates being able to solve such problems when they occur.

remote Fkeys | This button brings up the **remote Fkeys** menu.
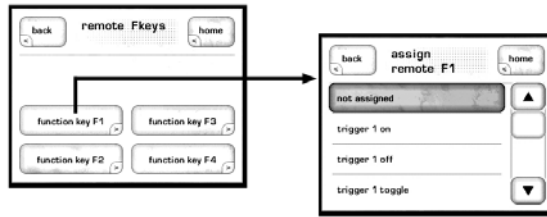
The remote control supplied with your Classé product includes four user-programmable **function keys**, or "**Fkeys**." They are labeled **F1**, **F2**, **F3**, and **F4**, and are located near the bottom of the remote control. The "remote Fkeys" menu allows you to define how your CDT-300 will respond to seeing one of these Fkey signals. You can use the Fkeys to give you instant access to specific system functions that might otherwise be buried in a menu somewhere.

For example, if you use the *shuffle mode* frequently, you may want to consider programming one of the **Fkeys** to toggle that function on and off. Doing so will save you having to access the control menu, followed by pressing the **shuffle** button *(which might be hard to see from across the room, even though you could do so from the remote control with an Fkey assignment)*.

The **remote Fkey** menu has four buttons, one each for the four **Fkeys** on your remote control. Pressing any of these buttons on the LCD touchscreen takes you to a subordinate, scrolling list of possible functions for that particular Fkey.

Selecting the one you want is as simple as scrolling through the list (by touching either the up or down arrows on the right), and then touching the specific function in the list that you want that Fkey to perform.

cautionary note on Fkey use | Note that all Classé remote controls provide these same four **Fkeys**, so that you need not worry about which remote you happen to pick up. Thus **F1** on the preamplifier's remote control sends the same infrared signal as **F1** on the CDT-300 remote control.

While this is intended to minimize confusion amongst different remotes (since this aspect of them will all perform identically), you should take care when assigning different functions on different components to the same **Fkey**. Doing so would result in two components doing two different things at once, in response to a single press of a button on the remote control. This can sometimes be useful. As an example, **F1** could set the preamplifier to the **CD** input, and also set the DVD transport to **Play**, both from the press of a single **Fkey**.

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status	The **status** screen provides several items of information on the currently playing disc, as well as access to information on the software used in and the internal sensors of the CDT-300.
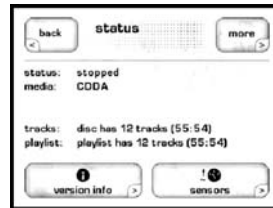
version info

The **version info** button on the status screen takes you to the **version information** screen. From time to time Classé develops new software that adds features or enhances the operation of the DVD transport. Each new software version has its own Version Number. The Version Info Screen displays the Version Number of the software that your unit is running. The latest software is always posted on the Classé website (www.classeaudio.com). If the version number displayed on the Version Info Screen is lower than the version posted on the Classé website, you may want to update your unit. Simple and detailed updated instructions are also provided on the website. If you ever have occasion to call our technical support people to ask a question not covered in this manual, they may want to know precisely what software your unit is running. Having this information available will help them to give you the best possible service.

sensors

The **sensors** button on the status screen takes you to the **sensors** screen, which displays information about several internal sensors within the CDT-300. It is unlikely you might ever need the sensor information, unless directed to do so by a customer service representative at Classé in order to help troubleshoot some unexpected problem.

CAN-Bus

Classé's Controller Area Network, or CAN-Bus, opens the way to a new level of interaction between our Delta range of amplifiers, preamps, processors and source components. When the CDT-300 is connected with CAN-Bus, the different elements of a Delta series system are in constant communication, creating a "global" network that delivers system wide status information and shared operational features, all through the touchscreen display.

features

CAN-Bus will allow a single Delta series touchscreen to:

- Display status information for every connected unit, including amplifiers which do not have a touchscreen display.
- Create a "PlayLink" that allows an SSP or Preamp to automatically switch to the correct input when a Delta series source component starts playback.
- Adjust the global system brightness.
- Configure the entire system to go in and out of standby at the touch of a button and also bring individual components in and out of standby.
- Mute any connected unit.

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1 Classé Delta Series Products

Two or more Classé Delta series products are required, at least one of which must have a touchscreen display.

2 Category 5 Network Cables

These are ordinary network cables, commonly used for broadband Internet connections. They should be typical "straight through" cables not the "crossed over" type, and the total required will be one less than the total number of Delta series components in your system.
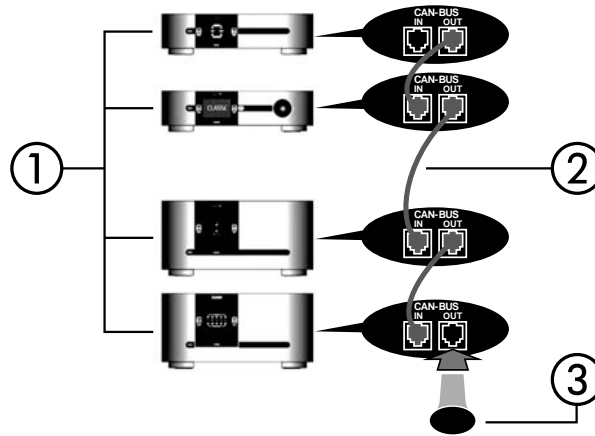
3 CAN-Bus Terminator

A single CAN-Bus Terminator may be required. It is inserted into the CAN-Bus OUT connector of the last component in the CAN-Bus daisy chain. One is included in the box with your CDT-300. They are also available free of charge from your nearest Classé Customer Support Centre http://www.Classeaudio.com/support/service.htm

**4 SSP-300 & 600 CAN-Bus Interface Box**

Systems that include an SSP-600 or SSP-300 will also require an SSP-300/600 CAN-Bus Interface Box. These are included with the products or available free of charge from your nearest Classé Customer Support Centre http://www.Classeaudio.com/support/service.htm

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The diagrams below illustrate how to connect the CAN-Bus hardware.

Any combination of models in any order **without** SSP-300 or SSP-600.

Any combination of models in any order **with** SSP-300 or SSP-600.
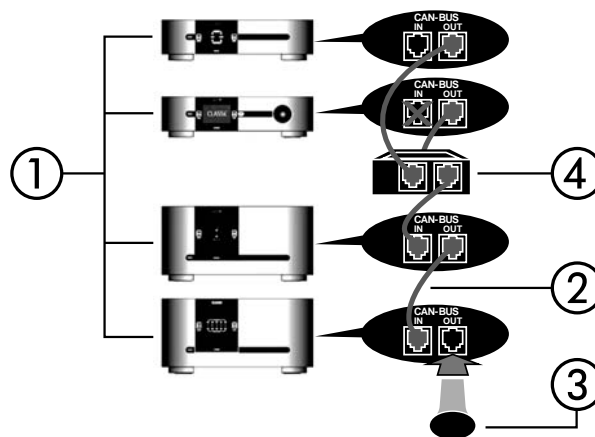
NOTE: Daisy chain may need to be terminated with CAN-Bus Terminator.

using CAN-Bus CAN-Bus is controlled via the touchscreen of any Delta series component. There is no master component, so Delta series systems where two or more units have a touchscreen can be controlled through any of the touchscreens. However, it is probably easiest to start using CAN-Bus through just one.

CAN-Bus is accessed by pressing the **menu** button on the face of the unit or remote, then the **status** button, followed by the **more** button.

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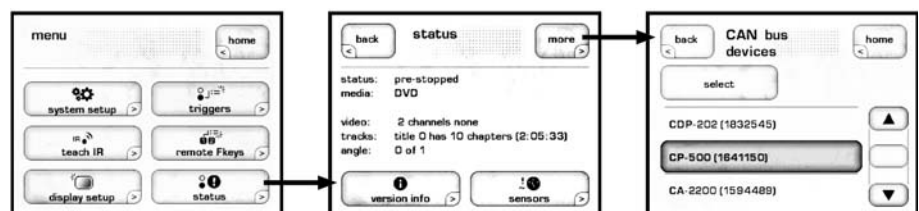
The touchscreen will then display the **CAN-Bus devices** screen, which lists connected Delta series components by model & serial number.
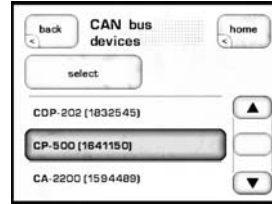

Highlighting a unit on the CAN-Bus devices screen identifies it as the **target unit**. The front panel LEDs of the target unit will start flashing (unless you highlight the unit that you are using to access CAN-Bus).

Once you have chosen the target unit press **select**. The target unit's LEDs will stop flashing and the touch screen will list the CAN-Bus features available to it. Some CAN-Bus features are shared by all models, some are specific to individual models.

CAN-Bus shared features

The following CAN-Bus features are shared by all models.
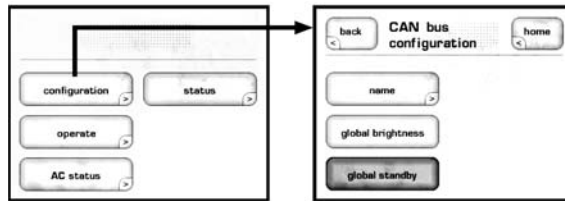
configuration

Selecting **configuration** will present the **CAN-Bus configuration** screen allowing access to name, global brightness, and global standby features.

operate

The **operate** settings allow you to bring the target unit in and out of standby, or mute. This key will be disabled for the unit whose touchscreen you are using to access CAN-Bus.

AC status

The **AC status** screen displays information from the target unit's electrical supply sensors. Two screens are available, with the second accessed by selecting **more**.

status

The **status** screen is the simplest way to access essential information about the target unit. It displays the target unit's model number, software version, operational status and serial number.

name

Allows you to set the **name** that this component will be listed under in the CAN-Bus devices screen. The name will appear next to the unit model and serial number, and facilitate the identification of units in large systems.

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|	
global brightness	By setting all your components to **global brightness** you can adjust the touchscreen and LED brightness for your entire system by changing the brightness of a single touchscreen. All CAN-Bus software updates automatically set the updated unit to Global Brightness. If you want a particular unit to be excluded from Global Brightness, deselect Global Brightness for that unit.
global standby	By setting all your components to **global standby** you can bring your entire system in and out of standby by pressing the **standby** button of any unit or remote. All CAN-Bus software updates automatically set the updated unit to global standby. If you want a particular unit to be excluded from global standby, deselect global standby for that unit.
CAN-Bus model specific features	The following CAN-Bus features are model specific.
PlayLink	This feature is exclusive to Delta series disc players and will only function if the disc player is connected to a CAN-Bus enabled preamp or surround sound processor.

When **PlayLink** is active, pressing **play** on the disc player will also automatically switch the preamp/processor to a specified input. This means that you can listen to a CD or watch a DVD literally at the touch of a button. |
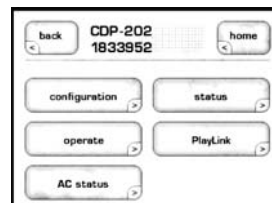
The first step in using PlayLink is to choose the **input** you wish to be selected when play is pressed on the disc player. Press the **PlayLink** icon, then select the correct input from the list.
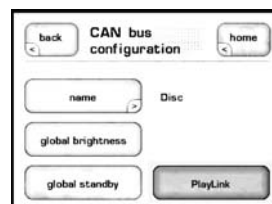

Once you have selected the input press **back**, then select **configuration**. PlayLink is activated and disabled through the PlayLink icon on the CAN-Bus configuration screen.

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PlayLink is automatically active after a software update, and the PlayLink icon will only appear on the CAN-Bus configuration screen of a Delta series disc player.

PlayLink can only select a single input per disc player. It is therefore not designed for users who regularly play both CDs and DVDs through different inputs from a single disc player. When PlayLink is active the disc player will default to the same input every time play is pressed, regardless of whether it is playing CD or DVD.

amp info | Available for amplifiers only, this screen displays the data provided by the heatsink and AC Module temperature sensors.
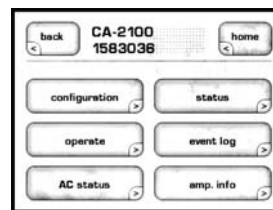
NOTE: This feature is only accessible when the target amplifier is on.

event log | Reserved for amplifiers, this feature is a protection circuitry **event log** which can only be accessed when the target amplifier is in **standby**. The protection circuit shuts down the amplifier or channel if it overheats or if its output could damage your speakers. The event log details the circumstances surrounding the amp going into protection and should be referred to in situations that require the intervention of your dealer or Classé customer support.

The log can report the following events interpreted as follows:

- **+ve slow blo trip & -ve slow blo trip** — The average current has reached the safe operating limit.
- **+ve fast blo trip & -ve fast blo trip** — The peak current has reached the safe operating limit.
- **over temperature trip** — The unit temperature has reached the safe operating limit.
- **DC protection trip** — The DC output level has reached the safe operating limit.
- **Communication failure** — There has been a loss of communication between the amp's system monitoring sensors.
- **AC line trip** — The power supply has reached the limits of the amp's safe operating range.

These events are rare and generally occur due to issues that are external to the amp. They should be interpreted positively. The amp is doing what it's designed to do.

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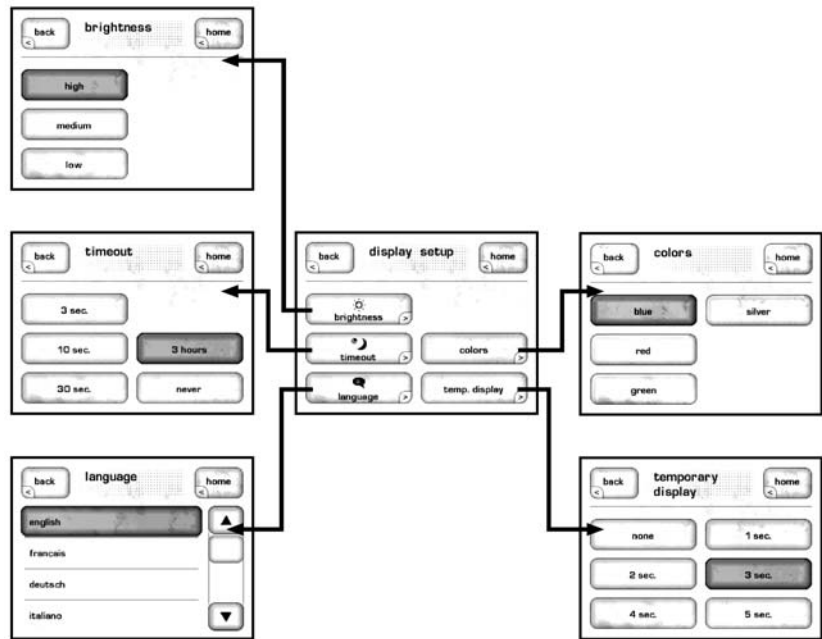
display setup menu

The **display setup** menu allows you to define your preferences for three aspects of the CDT-300's LCD display: the **brightness** of the backlighting, the **timeout** of the backlighting, and the **language** used.

brightness

The **brightness** setting of the CDT-300 has three possible values: *low, medium,* and *high*. Select the appropriate setting based on the level of ambient light typically found in your listening room while using the system. A *high* brightness setting usually works best in brightly-lit rooms; you may find that a lower setting is less visually intrusive under more subdued lighting conditions.

timeout

If you prefer listening to music in a dimly-lit or darkened room, you may find even the *low* brightness setting of the display somewhat distracting. If so, you can vary the **timeout** of the backlighting so as to turn it off entirely after a period of inactivity you select.

In this context, activity refers to any use of the user interface. This includes hard buttons, the LCD touchscreen, and the remote control.

For example, if you reduce the timeout to its minimum setting, the backlighting will illuminate the display as soon as you interact with any of the CDT-300 controls, and stay on for only three seconds—just long enough for you to check on something. If you continue to use any of the controls (at least once every three seconds), the display will remain lit. It will then extinguish itself after three seconds of inactivity on your part.

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If you prefer the display of the CDT-300 to remain on whenever not in *standby*, choose the *never* timeout setting. The lamp in the LCD display was designed for harsh automotive environments and will give you many years of reliable operation. If you plan to leave the unit on continuously, however, we recommend that you keep the timeout delay set to less than one minute. *(Note that setting the brightness to a lower setting does not increase the life of the lamp.)*

language | The **language** menu offers you any of five different languages supported by the CDT-300. Classé have provided our international distributors with a software tool that makes it possible for them to customize the translations to suit their local customs and terminology, in an effort to ensure that the CDT-300's operation is as intuitive to use in every country as it is in our home country of Canada.

colors | The CDT-300 has the ability to change the **color** of the GUI menu system to either blue, red, green or silver.

temporary display | When playing a DVD, the CDT-300 displays the picture information on its LCD touchscreen in a "preview" mode. This can be helpful in cueing up material before sending the picture to the main display (saving your guests from the otherwise inevitable FBI warnings). It is also a wonderful way of navigating through DVD-Audio disc menu systems without having to turn on your main video display simply to enjoy some music.

When you make use of any of the control functions of the CDT-300, the display will change from its normal preview mode to display the user interface screens. The temporary display setting determines how long this user interface remains displayed before the touchscreen reverts to its usual preview mode.

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System Setup

Pressing the **menu** button to the left of the LCD touchscreen, followed by pressing the on screen **system setup** button, will bring you to a menu system that gives you a wide range of control over how the CDT-300 works both on its own and as a part of your overall system.
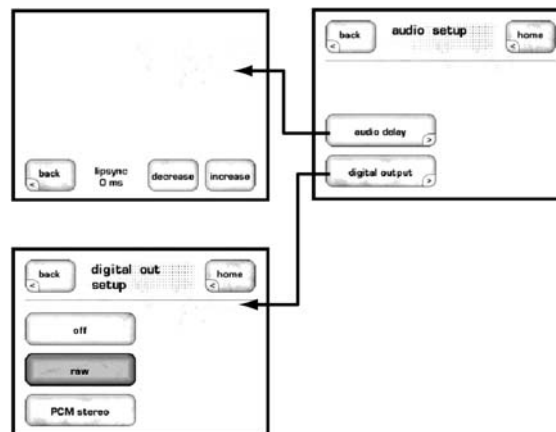
the system setup menu system
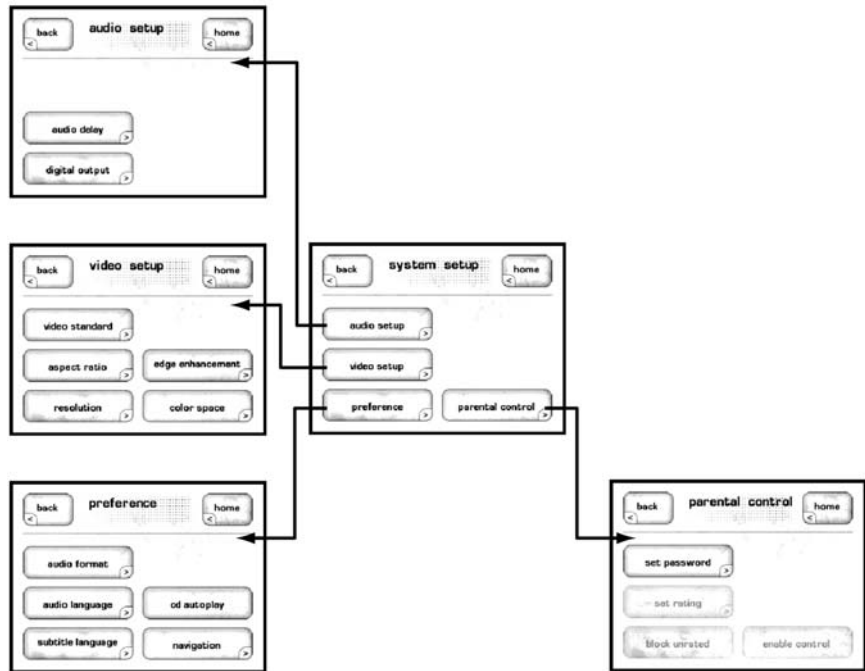
There are four submenus that can be accessed from the system setup menu. Each will be covered in turn.

audio setup

The **audio setup** button gives you access to six controls pertaining to how your DVD transport handles various audio details.

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audio delay | When a disc has been incorrectly authored, the audio can be out of sync with the video. **Audio delay** allows you to compensate for this by inserting a delay that repositions the audio in relation to the video and brings them into sync. The delay is adjustable in 10ms steps and operates within a range of ± 200 ms.

Modern video displays make extensive use of video processing (as does the CDT-300 itself). This circuitry converts standard definition video (480i or 576i, depending on your local broadcast standard) to a format that is compatible with modern fixed matrix displays such as LCD, DLP or plasmas.

However, this conversion process takes some small amount of time, causing a "lip sync" problem between the audio (which has not been delayed appreciably) and the video (which has been delayed for processing). While some people are more sensitive to this problem than others, anyone who perceives a consistent lag between the audio and video will find it quite annoying.

The audio delay function of the CDT-300 addresses this by delaying the audio by anywhere by up to 200 milliseconds. This range of adjustment should be adequate to handle any video processing delay you might find in your system.

Note that the best use of this delay is to compensate for any delay introduced by the CDT-300's own video processing (assuming you are one of the ones who are sensitive to this sort of thing). The CDT-300 can only delay audio coming from itself, and has no control over (for example) broadcast television you may be watching. If your television introduces enough video processing delay to be noticeable, you would be better off using the audio delay feature of your A/V preamplifier/processor (assuming it has this capability—which Classé processors do have.)

digital output | The digital outputs of the CDT-300 can be configured in any of three ways, based on how you plan to use the transport:

- **off** — selecting this feature will only enable audio output via HDMI.
- **raw** — which passes along the native signal of whatever disc is playing, whether that is PCM, Dolby Digital, DTS, or anything else. This setting assumes that your external processor can handle anything you might send its way.
- **PCM stereo** — if the soundtrack you are playing contains multichannel information, it will be "downmixed" to a two-channel PCM signal that would be compatible with stereo playback, or further processing with Dolby Pro Logic II or DTS Neo:6 (as examples).

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video setup   Taking full advantage of the CDT-300's extensive video capabilities is simple. Three menus will take care of everything.
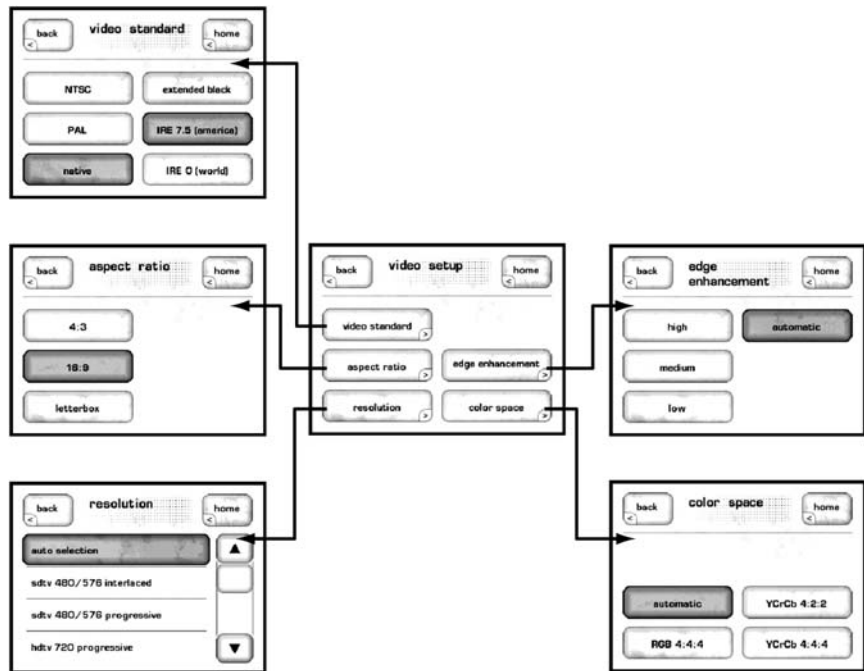
video standard   These settings are usually preset for the geographic market in which you purchase the CDT-300. However, should you need to change the output of the CDT-300 to conform with a different standard, your choices are:

- **NTSC/PAL/native** — either choose the broadcast standard for your area, or set the CDT-300 to play the disc in its native format. This last option requires that you have a suitable multistandard display that can handle both NTSC and PAL.
- **IRE 7.5 or 0** — the "video setup" in North America assumes that black is reproduced at a video level of 7.5 IRE units, while most of the rest of the world assumes that video black is represented by a video level of 0 IRE units. The CDT-300 can operate either way; you should pick the standard common to your area for compatibility with the rest of your video sources.
- **Extended Black** — the CDT-300 offers a choice between PC (extended black) and CE black levels. Use Extended Black to pass "blacker than black" video when connected to a Consumer Electronic display (not a PC monitor.)

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aspect ratio

You have three choices for the way widescreen movies will be displayed on your television. The choice should be determined by the capabilities of your television as well as your personal preference.

- **4:3** — If you have a 4:3 display and prefer to have it filled at all times, the CDT-300 will look for an available 4:3 version of the movie on any disc you insert, and play that version.
- **16:9** — If you have a modern, widescreen display that support different aspect ratios (including an anamorphic mode), select the 16:9 option. Doing so passes the contents of the disc to your television without addressing the aspect ratio. In effect, you are telling the CDT-300 that the television will be responsible for handling the aspect ratio duties.
- **letterbox** — If you have a 4:3 display, but prefer to see widescreen movies in their original form, the CDT-300 can create a "letterbox" version of the movie for you within the 4:3 frame of your television. This will result in black bars above and below the picture, but will show you all of the picture as the director and cinematographer originally framed it.

resolution

The CDT-300 has the ability to "upconvert" standard definition DVDs to higher display rates that are more suitable for HDTV displays. Note that this capability exists only through its HDMI outputs.

You can select from among the following video display rates:

- **auto selection** — If you use the HDMI digital interface between the CDT-300 and your display, the two components will automatically negotiate the optimal resolution for your display device. The auto selection capabilities of the CDT-300 apply only to the HDMI output.
- **sdtv 480/576 interlaced** — 480i (60 Hz) is the standard in NTSC countries; 576i (50 Hz) is standard in PAL countries.
- **sdtv 480/576 progressive**— 480p (60 Hz) is the deinterlaced version of the standard for NTSC countries; 576p (50 Hz) is the deinterlaced version of the standard in PAL countries.
- **hdtv 720 progressive** — at 720 by 1280 pixels, this is the most common rate for plasma displays and many LCD displays, and the second-most common HD broadcast standard. It is shown at 50 Hz in PAL countries, and at 60 Hz in NTSC countries.
- **hdtv 1080 interlaced** — the 1080i standard is the most commonly-broadcast HDTV format in use today, at 1080 by 1920 pixels (interlaced).
- **hdtv 1080 progressive** — available only through the HDMI output, 1080p is the highest-quality HDTV standard. It displays 1080 by 1920 pixels per frame.

edge enhancement

Select this feature when an increase in picture sharpness is desired.

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color space	• Auto: automatically optimizes color space for your display. • RGB 4: 4: 4: select this feature if you require your DVD transport to output Pluge. • Ycrcb 4:2:2: Chroma upsampling by 1/2 • Ycrcb 4:4:4: Chromo upsampling by 1/1
preference	The DVD standard supports multiple soundtracks and languages, all on the same disc. This versatility can make playing a DVD more complicated than you might like. By establishing your preferences, the CDT-300 will be able to select the right soundtrack and language without you having to search through menus.
audio format	Many DVDs have multiple soundtracks, in different formats. You can state your preference (assuming it is available) by pressing the **audio format button**. • **automatic** — selects the "best" available soundtrack automatically. Preference is given to soundtracks with a greater number of discrete channels (e.g., 5.1 rather than 2.0). • **PCM** — if you prefer uncompressed digital audio, even if it means fewer channels, select the PCM option. • **Dolby 5.1** — states a preference for 5.1 channel Dolby Digital soundtracks if they are available. • **Dolby stereo** — indicates a preference for soundtracks intended to be reproduced via Dolby Pro Logic or Dolby Pro Logic II decoding matrix. • **DTS** — when selected, the CDT-300 will automatically play the DTS (Digital Theater Systems) soundtrack, if one is available.
audio language	You can also set a preference for the spoken language used in the soundtrack being played. **Automatic** defers to the default soundtrack on the disc itself. If you prefer, you can insist that the CDT-300 play an **English, French, German, Spanish**, or **Italian** soundtrack (assuming one is available).
subtitle language	Similarly, you can establish a preference for the language used in the subtitles. Your choices are **English, French, German, Spanish**, or **Italian**.
CD autoplay	When this button is highlighted, the transport will automatically start playback when a CD is inserted.

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navigation

Historically, navigating within a CD and a DVD has worked differently. Specifically, the "fast forward" and "rewind" functions on a CD required you to *press and hold* the button during the scanning process. By contrast, the same action on a DVD required only a button click — in fact, additional button clicks would accelerate the rate at which the scanning would occur.

If you want to have all discs operate as per the DVD way of doing things, select **latching** as your navigation preference.

If you prefer the CD way of doing things, choose **non-latching** instead.

If you want the CDT-300 to behave like a CD player when playing a CD, and like a DVD when playing a DVD, choose **adaptive**.

parental control

The CDT-300 includes a set of parental controls, similar to what you may have on your cable or satellite TV service.

- The **set password** button allows you to set a four-digit numeric password, which will be required to play any disc that exceeds the rating you select.
- The **set rating** button gives you a list of eight ratings, with the corresponding movie ratings listed (e.g., level 6 is the same as an R-rated movie). The level you select here determines the maximum rating that can be played without the password being entered. (Note that this button is only enabled after you have set a password.)
- The **block unrated** button prevents unrated movies from playing without the password.
- The **enable control** button enables the parental control feature of the CDT-300.

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Updating Your Unit

From time to time Classé designs new software that will enhance your component's performance. Updating your unit with the latest software is a matter of downloading a file from the Classe website (www.classeaudio.com) so it is worth ensuring that your component is fully updated.

Details of the software your DVD transport is running can be found on the Version Information Screen. This screen is accessed by pressing the **Info** button on the remote control followed by **Version Info** on the LCD touchscreen, or by pressing the **Menu** button beside the LCD touchscreen, then selecting **Status** from the touchscreen menu, followed by **Version Info**.

The **Version Info** screen displays the Version Number of the software your unit is running. The latest software is always on the Classé website, so if the Software Version Number on your **Version Info** screen is lower than the Software Version Number posted on the Classe website, then you should consider updating your unit.

Simple update instructions are posted on the Classe website, together with release notes and the software itself, so it is very easy to update your component and make it perform to its maximum potential.

Troubleshooting

In general, refer any service problems to your Classé dealer. Before contacting your dealer, however, check to see if the problem is listed here. If it is, try the suggested solutions. If none of these solves the problem, contact your Classé dealer.

1   **My disc is skipping.**
   - ✓ Gently clean the disc itself using a damp, soft cloth, wiping along the radius of the disc rather than around the circumference. (Cleaning discs in the manner minimizes the chance of damaging the disc.)
   - ✓ The disc itself may already be damaged. Try several other discs, to see whether the problem is widespread or limited to a particular disc.

2   **There is no sound and the Standby LED is not lit.**
   - ✓ Ensure the transport is plugged into the AC mains, and that the AC mains are operating normally.
   - ✓ Check that the main power switch on the rear of the unit is on.
   - ✓ Your display may be set to timeout, and the CDT-300 may simply be in pause or stop. Touch the screen to reactivate it so you can see the state of the unit, or simply press the **Play** key on the remote control.
   - ✓ Unplug the unit for at least thirty seconds and then plug it in again; try powering it up. (Sometimes a brownout or short-term loss of power might require a restart.)
   - ✓ Verify that the AC mains is not out of range. The unit will automatically attempt to protect itself from improper AC mains voltages by not powering up.
   - ✓ If none of these solutions work, please consult your Classé dealer for assistance. There are no user-serviceable parts inside your unit.

3.   **A disc was inserted, but the machine rejected it and asked for another disc to be inserted.**
   - ✓ Check that the disc is compatible with your unit. The CDT-300 will play CD Audio, DVD-Video, DVD-Audio, MP3, WMA, Video-CD and S-VCD discs.
   - ✓ Ensure that the disc surface is clean, and try reinserting it.
   - ✓ Check that the label side of the CD is facing up.

4.   **The disc is spinning but there is no sound in one or both channels.**
   - ✓ Check that both interconnect cables are properly connected between the outputs of the CDT-300 and the inputs of your preamplifier.
   - ✓ Ensure that the preamplifier/amplifier units being used are properly configured. (You may need to consult those units' owner's manuals for more information.)

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5.   **The screen shows an error message and the Eject button does not eject the disc (or the transport shows some other anomalous behavior).**
      ✓ Press the **Standby** button so the screen dims and the blue light goes on.
      ✓ Using the rear panel power switch, turn off the unit for at least thirty seconds. Then turn the power back on and press **Standby** to restart the unit.

6.   **The IR remote control seems not to function.**
      ✓ Ensure that there are no obstacles between the IR remote and the IR sensor (located to the right of the **Mute** button).
      ✓ If the batteries are weak, replace them with fresh ones.

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Care & Maintenance

To remove dust from the cabinet of your DVD transport, use a feather duster or a lint-free soft cloth. To remove dirt and fingerprints, we recommend isopropyl alcohol and a soft cloth. Dampen the cloth with alcohol first and then lightly clean the surface of the transport with the cloth. Do not use excessive amounts of alcohol that might drip off the cloth and into the transport.

Caution!

At no time should liquid cleaners be applied directly to the transport, as direct application of liquids may result in damage to electronic components within the unit.

Specifications

All specifications are accurate at the time of printing. Classé reserves the right to adjust specifications without notice.

- **Formats supported** CD, CD-R, CD-RW, DVD Audio, DVD Video, VCD, SVCD, MP3, WMA, DVD-R, DVD+R, DVD-RW, DVD+RW
- **Audio outputs** Coax S/PDIF 1 x RCA, AES/EBU 1 x XLR, Optical 1 x Toslink
- **Video outputs** HDMI, Component (progressive scan), S-Video, Composite
- **Internal Scaling** 480i (via all video outputs), 480p (via component and HDMI) 720p/1080i/1080p (via HDMI)
- **Power consumption** 55W
- **Mains voltage** determined by the needs of country for which the unit was manufactured; cannot be reset by dealer or user
- **Overall dimensions** Width: 17.5" (445mm) Depth: 16.5" (419mm) Height: 4.75" (121mm)
- **Net weight** 26 lbs (12 kg)
- **Shipping weight** 35 lbs (16 kg)

For more information, see your Classé dealer, or contact:

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Dimensions

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