

The channel/volume display shows a single dash (-) in the left position, until you enter the second digit of the channel number.



To tune channels 1 through 9, enter a 0 before the channel number.

To Recall the Previous Music Channel

1. Press **(LAST)** on the remote control.

To Step Through the Authorized Channels

1. Press **(TUNE▲)** or **(TUNE▼)** once, to tune the next higher or lower channel.

Hold down the **(TUNE▲)** or **(TUNE▼)** key to first step through all programmed music channels, followed by authorized simulcast services.

Tuning Simulcast Television Channels

(Not available in all areas. Check with your local cable company.)

In some cable systems, the Digital Music Terminal can receive an enhanced audio signal that corresponds to selected cable television channels. Simply use your television to watch, and your Digital Music Terminal (and stereo system) to listen to the program.

To Tune a Simulcast Channel Using the Remote Control

1. Press **(TV)** on the remote control.
2. Press the number keys that correspond to the cable channel number of the television station with the simulcast service.

The channel/volume display shows the simulcast channel number; the **CABLE TV** indicator lights.



NOTE: In some areas, simulcast is available through the Digital Music Terminal without using the TV button on your remote control. Contact your local cable company for availability and channel numbers.

To Tune a Simulcast Channel Using the Digital Music Terminal

1. Press **(TUNE▲)** to tune the highest authorized music channel.
2. Press **(TUNE▲)** again to tune each authorized simulcast service.

The channel/volume display shows the simulcast channel number; the **CABLE TV** indicator lights.

NOTE: When listening to a simulcast channel, be sure to turn off the television audio.

Setting and Changing the Volume

The Digital Music Terminal does not directly operate the volume control on your receiver or amplifier. It can, however, control the total volume coming from your speakers.

NOTE: The channel/volume display shows the volume in the range **[00]** through **[15]**. A display of **[00]** means the volume is turned off; a display of **[15]** means the volume is at its maximum setting. The **MAXMUTE** indicator flashes when the volume is completely off (muted) and lights steadily when the volume is at the maximum setting. The **MAXMUTE** indicator flashes rapidly when changing the volume.

CAUTION: Do not play compact disc originated programs at excessively high volume levels. This can damage speakers and other components.

To Set the Initial Volume

1. Make certain your stereo receiver/amplifier is OFF or turn the volume completely down.
2. Turn on the Digital Music Terminal and press **(VOL▲)** on the remote control until the channel/volume display on the front of the Digital Music Terminal shows **[15]** and the **MAXMUTE** indicator lights. This results in the maximum output signal from the Digital Music Terminal. After a few seconds, the display reverts to the current channel number.
3. Turn on your receiver/amplifier and adjust the stereo volume to your preferred listening level.



IMPORTANT: Make future volume level adjustments with either stereo or Digital Music Terminal volume control, but not both.

To Change the Volume Level

1. Press **(VOL▲)** or **(VOL▼)** on the remote control to increase or lower the volume level.

IMPORTANT: For best audio quality (especially when recording selections to tape), set the Digital Music Terminal volume level to maximum.

NOTE: If electrical power to the Digital Music Terminal shuts off, the volume level reverts back to maximum (15).

To Temporarily Turn Off (Mute) the Volume

1. Press **(MUTE)** on the remote control to temporarily turn the volume off.

The **MAXMUTE** indicator flashes.



The Digital Music Terminal

Thank you for subscribing to Digital Music Express™! Your new Scientific-Atlanta Series DM-2000 Digital Music Terminal™ is designed to bring you the best in compact-disc quality music.

Your Digital Music Terminal is fully compatible with your home stereo system, and uses the latest MASH™ conversion technology and advanced encoding methods. The result is music of unprecedented linearity, sonic precision, and exceptional fidelity.

For a list of available music channel numbers and format information, see the program guide provided by your cable company.

NOTE: This guide describes the Series DM-2000 Digital Music Terminal, Models DM-2000X and DM-2000R. To use the Digital Music Terminal, you must have a separate stereo receiver or amplifier system (see *Connecting the DMT to Your Stereo System* in this guide).

Model DM-2000R

The basic Model DM-2000R easily integrates with most stereo systems. It has standard input connectors for your CD player, cassette player, or other system components and allows you to connect other audio equipment to your stereo system, even when all input connectors on your receiver or amplifier are full. The Model DM-2000R uses only the Model DMR-22 Remote Control.

Model DM-2000X

The more advanced Model DM-2000X has all the features of the Model DM-2000R, plus a Sony/Philips Digital Interface Format (SPDIF) CD-standard digital output that can connect to stereo equipment with digital input capabilities. In addition, the Model DM-2000X can use the Model DMR-28 DMX/DJ Remote Control, which allows you instant access to title and other information on the current music selection.

NOTE: Your cable company controls access to all the features this user's guide describes. If you have questions regarding the availability of any particular feature, please contact your cable company.

Using The Remote Control

You may use either the Model DMR-22 or the Model DMR-28 DMX/DJ Remote Control to control your Digital Music Terminal. (The DMX/DJ only works with the DM-2000X.)

Both models allow you to either select individual channels, or to "step" through channels. Both models also offer a pre-programming feature, so you may either scan for, or "jump" directly to your favorite channels. Other features common to both models are: complete volume control (with mute), and last channel recall.

Displaying the Music ID of the Current Selection

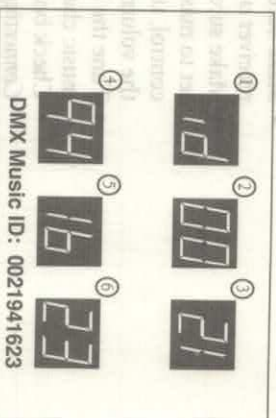
(Future use only)

The Digital Music Terminal allows you to display a ten-digit code that provides a unique numerical code for the current selection.

1. Press **MUSIC ID** on your remote control.

The channel/volume display flashes a ten-digit code (preceded and followed by **[ID]**) in two-digit segments for the current selection.

2. Press any other key on your remote control to stop the display sequence.



NOTE: The Digital Music Terminal continuously flashes the ten-digit Music ID code until you press another key.

Quick Reference to Using the Model DMR-28 DMX/DJ Remote Control

Four keys determine how the DMX/DJ Remote Control operates: **CABLE**, **DMX**, **VIEW**, and **MORE**. The **CABLE** and **DMX** keys control the mode of operation; the **VIEW** and **MORE** keys control title and artist information.

Mode

The DMX/DJ can control either your cable converter or Digital Music Terminal:

- Press **CABLE** to tell the DMX/DJ to operate your converter box. The DMX/DJ's blue and white labeled keys will now perform most converter functions. See your cable converter user's guide for operating instructions for all other keys.
- Press **DMX** to tell the DMX/DJ to operate your DMT. The DMX/DJ's gold and white labeled keys will now perform DMT functions.

Title

The DMX/DJ can access and display a variety of information on the current Digital Music Express music selection.

- Press **VIEW** to retrieve title and artist information for your current music selection.
- Press **MORE** to scroll through additional information.

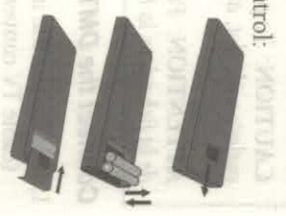
Replacing Batteries in Your Remote Control

CAUTION: Make sure the positive (+) and negative (-) marks on the battery terminals match the marks on the terminals in the remote control.

Model DMR-22

To replace the two AAA batteries in the DMR-22 Remote Control:

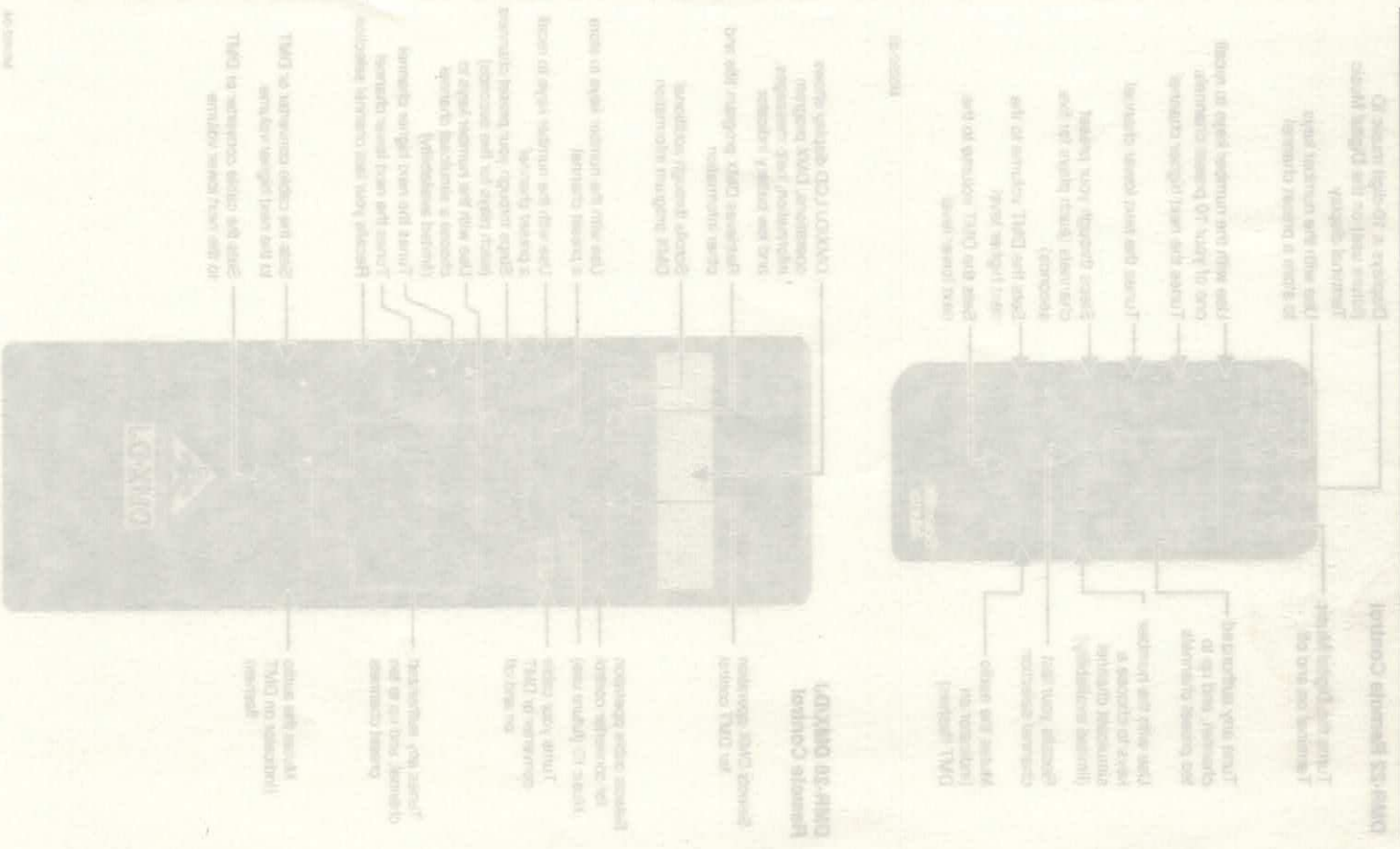
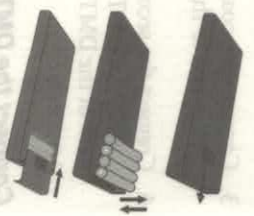
1. Press down on the spot marked OPEN on the back of the remote control and slide off the battery cover.
2. Remove the old batteries and safely dispose of them.
3. Insert and firmly seat two new AAA batteries (alkaline recommended) into the battery compartment.
4. Slide the battery cover back onto the DMR-22 and snap it into place.



Model DMR-28 DMX/DJ

To replace the four AA batteries in the DMX/DJ Remote Control:

1. Remove the battery cover on the back of the remote control. To do this, press down on the thumb slot and slide the cover out.
2. Remove the old batteries and safely dispose of them.
3. Insert and firmly seat four new AA batteries (alkaline recommended) into the battery compartment.
4. Slide the battery cover back onto the DMX/DJ and snap it into place.
5. Reprogram your converter type. Refer to Telling the DMX/DJ Your Converter Type in your DMX/DJ User's Guide (publication number 69T335A, S-A part number 467812).



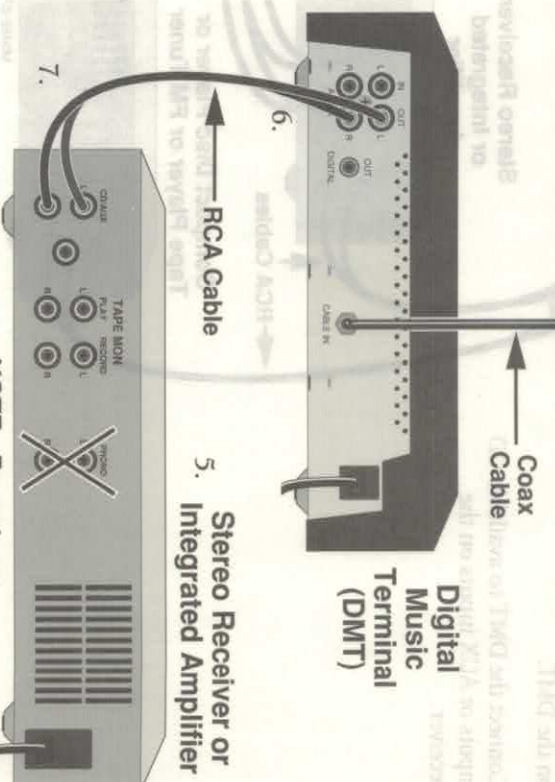
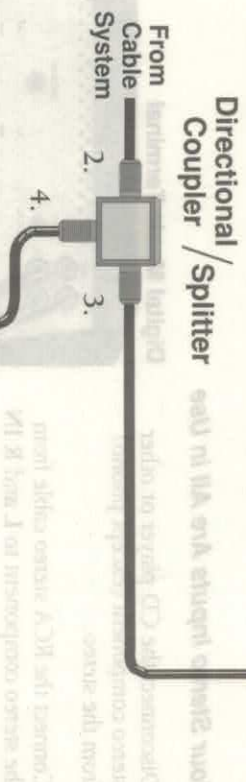
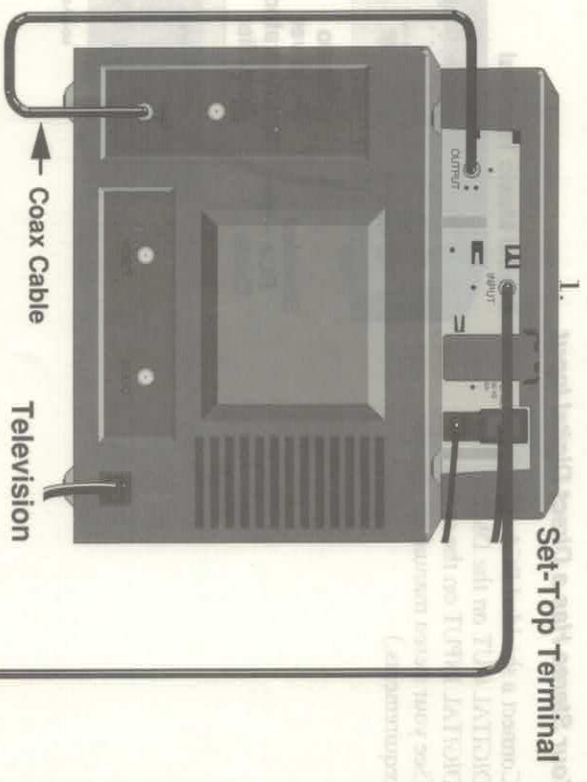
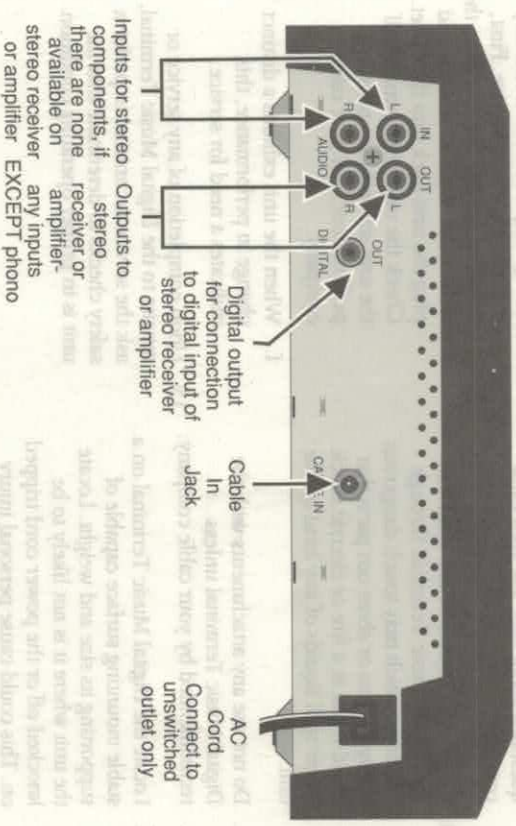
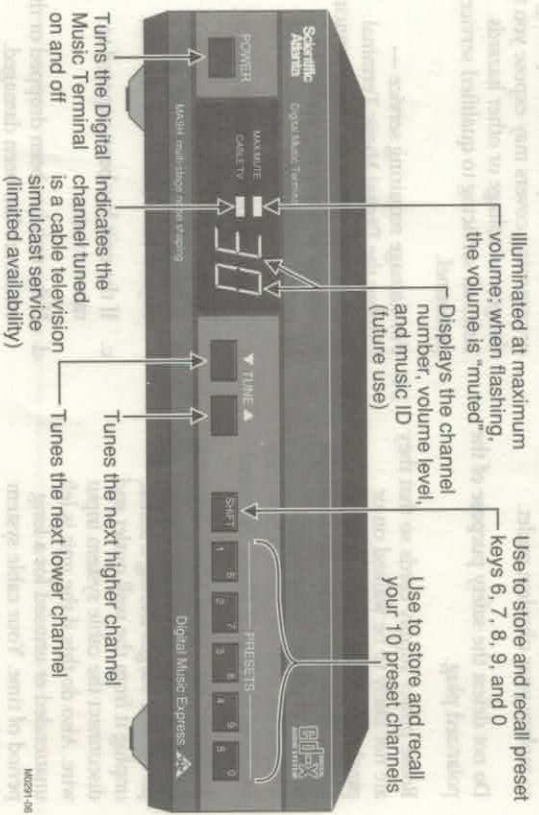
Maintaining Trouble-Free Performance

For Best Results

- Make sure you plug your Digital Music Terminal into an unswitched AC power receptacle.
- If your remote control does not operate properly, you may need new batteries.
- Turn your Digital Music Terminal off when not in use.
- Properly adjust your Digital Music Terminal and stereo system volume. See caution on page 11.
- The Digital Music Terminal is a sensitive electronic component—avoid subjecting it to bumps, jabs, or excessive vibration.
- Do not place heavy objects on top of the Digital Music Terminal.
- If you have any problems with your Digital Music Terminal, please read the instructions in this guide before calling your cable company.

Quick Reference

Using the Digital Music Terminal and Remote Control



NOTE: Do not use phono inputs

IMPORTANT RULES FOR SAFE OPERATION

Note to CATV System Installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC, which provides guidelines for proper grounding and, in particular, specifies that the CATV cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



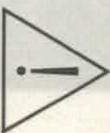
This symbol is intended to alert you that uninsulated voltage within the Digital Music Terminal may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of the unit.



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

WARNING

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



This symbol is intended to alert you to important operating, maintenance, servicing, and safety instructions in the literature accompanying the equipment.

1. Read all the safety and operating instructions carefully before operating the Digital Music Terminal. Retain these safety and operating instructions for future reference.
 2. Follow all operating and use instructions. Heed all warnings and cautions in the instructions and on the Digital Music Terminal.
 3. Before cleaning, unplug the Digital Music Terminal from the wall outlet. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
 4. Do not use the Digital Music Terminal near water or expose the unit to rain.
 5. Slots and openings on the Digital Music Terminal are provided for ventilation and to ensure reliable operation. To prevent overheating, do not block or cover these openings. The
1. openings should never be blocked by placing the unit on a bed, sofa, rug, or other similar surface. The unit should never be placed near or over a radiator or heat register. The unit should not be placed in a built-in installation, such as a bookcase or rack, unless proper ventilation is provided. Do not place entertainment equipment, lamps, books, or other objects on the terminal cover.
 2. The Digital Music Terminal should be operated only from a 120 V, 60 Hz outlet. Do not overload wall outlets and extension cords, as this can result in a risk of fire or electrical shock.
 3. The Digital Music Terminal is equipped with a polarized plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try

FCC Compliance

This Digital Music Terminal has been tested and found to comply with the applicable limits of Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The Digital Music Terminal 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 the Digital Music Terminal does cause harmful interference to radio or television reception, which can be determined by turning the Digital Music Terminal off or on, the user is encouraged to try to correct the interference by one or more of the following:

- Reorient or relocate the receiving antenna
- Increase the separation between the Digital Music Terminal and the receiver other equipment
- Connect the Digital Music Terminal into an outlet on a circuit different from that to which the other receiver is connected
- Consult your cable company or an experienced radio/television technician for help

Any changes or modifications not expressly approved by Scientific-Atlanta could void the user's authority to operate the Digital Music Terminal.

DOC Compliance

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le Brouillage Radioélectrique Édité par le Ministère des Communications du Canada.

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