



DA9000 CDRW **JUKEBOX**



RECORD MUSIC
to CD and Jukebox
hard drive



PLAY MUSIC
from CD and Jukebox
hard drive



TRANSFER MUSIC
from your PC to
Jukebox hard drive

STORE OVER **4000 SONGS** ON 20GB JUKEBOX HARD DRIVE

IF YOU EXPERIENCE A PROBLEM,
PLEASE READ THE SUPPORT MATERIALS AT:
www.tdk.com/DA9000

IF THE PROBLEM STILL CANNOT BE RESOLVED,
PLEASE CALL: 1-800-835-8326
BEFORE RETURNING THIS PRODUCT.

TDK is committed to its customers.
We will help you correct problem, or will
supply instructions for returning the unit.

GREETINGS

THANK YOU FOR PURCHASING THE DA-9000. ENJOY YOUR CDRW JUKEBOX.

MODIFICATIONS NOT AUTHORIZED BY THE MANUFACTURER MAY VOID USER'S AUTHORITY TO OPERATE THIS DEVICE.

FCC NOTICE

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 INTERFERENCE WILL NOT OCCUR IN A PARTICULAR INSTALLATION. IF THIS EQUIPMENT CAUSES HARMFUL INTERFERENCE TO RADIO OR TELEVISION RECEPTION, WHICH CAN BE DETERMINED BY TURNING THE EQUIPMENT OFF AND ON, THE USER IS ENCOURAGED TO TRY TO CORRECT THE INTERFERENCE BY ONE OR MORE OF THE FOLLOWING MEASURES:

- REORIENT OR RELOCATE THE RECEIVING ANTENNA.
- INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND RECEIVER.
- CONNECT THE EQUIPMENT INTO AN OUTLET ON A CIRCUIT DIFFERENT FROM THAT TO WHICH THE RECEIVER IS CONNECTED.
- CONSULT THE DEALER OR AN EXPERIENCED RADIO/TV TECHNICIAN FOR HELP.

SAFETY

THIS UNIT EMPLOYS A LASER. DUE TO THE RISK OF EYE INJURY, ONLY A QUALIFIED SERVICE PERSON SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE. TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

NEVER MAKE OR CHANGE CONNECTIONS WHEN THE POWER IS STILL SWITCHED ON.



CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.



Uninsulated dangerous voltages present that may constitute a risk of electric shock.



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



Please refer to important operating and maintenance (servicing) instructions in the literature accompanying this appliance.



CAUTION: TO DISCONNECT THE UNIT FROM AN ELECTRICAL CURRENT, PULL OUT THE AC POWER CORD.



SAVE YOUR BOX! IF YOU NEED TO SHIP THE DA-9000 BACK TO TDK, SEND IT PACKAGED IN THE ORIGINAL BOX (IF POSSIBLE). TDK CANNOT ASSUME LIABILITY FOR ANY DAMAGE YOUR DA-9000 SUSTAINS DURING SHIPMENT. PLEASE SHIP IT IN THE SAFEST MANNER POSSIBLE.

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 IN IMPORTANT SAFETY INSTRUCTIONS.
7. DO NOT BLOCK ANY OF THE VENTILATION OPENINGS - INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
8. DO NOT INSTALL NEAR ANY HEAT SOURCES SUCH AS RADIATOR, 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 IS 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 APPARATUS.
11. ONLY USE ATTACHMENT/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 OBJECT HAS FALLEN INTO THE APPARATUS, THE APPARATUS HAS BEEN EXPOSED TO RAIN OR MOISTURE, DOES NOT OPERATE NORMALLY, OR HAS BEEN DROPPED.
15. APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

IF THE JUKEBOX SUDDENLY FROZE OR HAS NO RESPONSE, IT MAY BE CAUSED BY ELECTROSTATIC PHENOMENON. IN THIS CIRCUMSTANCE, PLEASE FOLLOW THE PROCEDURES BELOW FOR RECOVERY:

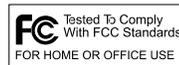
1. SWITCH OFF THE JUKEBOX POWER ON THE BACK PANEL.
2. TURN ON THE POWER ON THE BACK PANEL AGAIN AND POWER ON THE MAIN UNIT

FCC RULES & WARNING:

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 UNDESIRE OPERATION.



CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.

WARNING:

UNDER NO CIRCUMSTANCES SHOULD YOU ATTEMPT TO REPAIR THE JUKEBOX YOURSELF AS THIS WILL EXPOSE YOU TO UNNECESSARY HAZARDS.

NO OUT DOOR USE FOR THE JUKEBOX.

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WHAT THE DA-9000 CDRW JUKEBOX DOES

The DA-9000 is an extremely flexible digital jukebox (with internal hard drive), Audio CD recorder and CD player.

Here are few examples of things you can do with the DA-9000:

- Play Audio CD, MP3 CD, CD-R and CD-RW discs.
- Play MP3 files and non-compressed audio from the DA-9000's internal hard drive.
- Use the internal Gracenote CDDB® (CD database) to check for information, such as disc and song titles.
- Rip audio from a CD to the DA-9000's internal hard drive.
- Record audio to the DA-9000's internal hard drive from an external source.
- Transfer MP3 audio files from and to a PC.
- Record from the DA-9000's internal hard drive to CD-R and CD-RW discs (requires Audio type media; see the "Important CD Recording Information" section below for more information).

IMPORTANT CD RECORDING INFORMATION

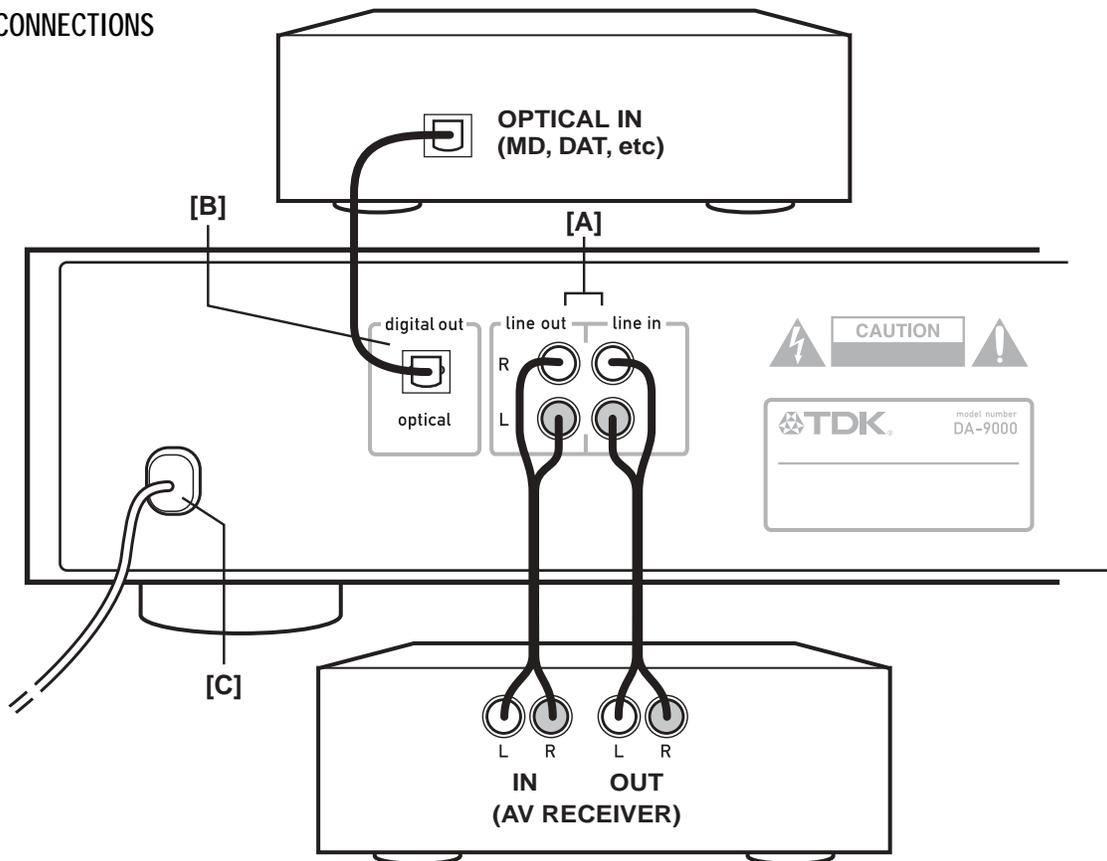
Only discs bearing the CD-R Digital Audio or CD-RW Digital Audio logos (see examples below) can be recorded by this unit.



Discs intended for computer recording cannot be recorded by the DA-9000.

The DA-9000 can be connected to external audio devices for playback and recording. It can also be connected to a PC, enabling file transfer between the PC and the DA-9000.

REAR PANEL CONNECTIONS



[A] AUDIO OUT/AUDIO IN

To enable hearing the DA-9000, connect an analog cable (RCA type) between the DA-9000's LINE OUT jacks and the LINE IN (or TAPE IN) jacks on an amplification device such as a receiver. To record audio into the DA-9000, connect an analog cable (RCA type) between the DA-9000's LINE IN jacks and the LINE OUT (or TAPE OUT) jacks on a source device, such as a receiver or a tape deck.



NOTE: Most turntables cannot be connected directly to the DA-9000. See "About Recording from Your Turntable" on page 9 for more information.

[B] OPTICAL OUT

To record from the DA-9000 into an external device, such as a mini disc player, connect an optical digital cable (not included) between the DA-9000's OPTICAL DIGITAL OUT port and the external device's OPTICAL DIGITAL IN port.

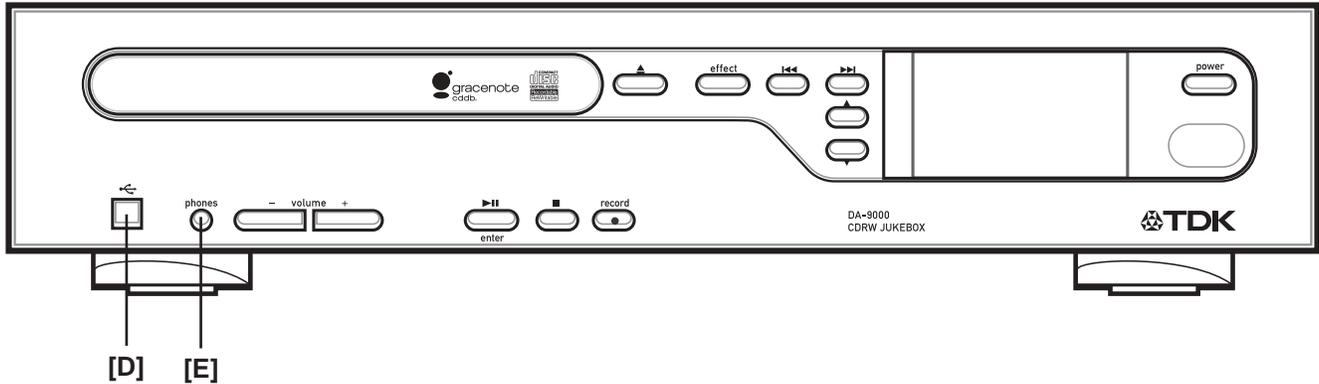


NOTE: The connection configuration discussed here is typical, but other configurations are also possible. For instance, the DA-9000's OPTICAL DIGITAL OUT port can be connected to the OPTICAL DIGITAL IN port on an A/V receiver to provide highest possible quality playback through the receiver.

[C] POWER

Plug the power cord of the DA-9000 into a power outlet.

FRONT PANEL CONNECTIONS



[D] USB

Before MP3 audio files can be transferred from/to your PC, a USB cable must be connected between the DA-9000's USB port and a USB port on your PC.



IMPORTANT NOTE: After you've finished transferring files, disconnect the USB cable. When the USB cable is connected, the DA-9000 is in a passive mode, and cannot perform most of its functions.



IMPORTANT NOTE: The included TDK PC Transfer Software must be used to transfer files between a PC and the DA-9000. For more information, see page 13.

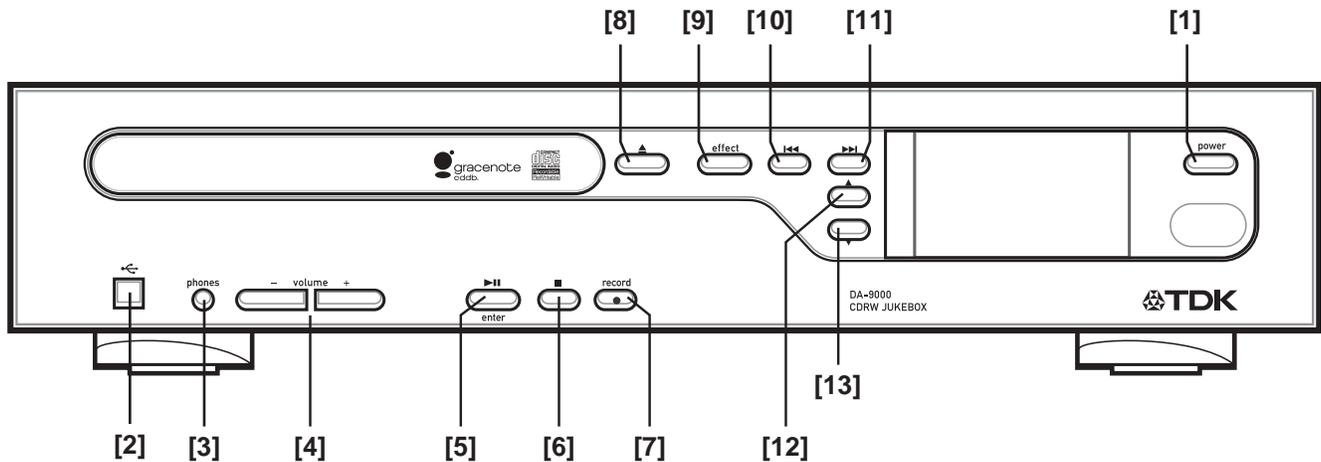
[E] HEADPHONES

To listen through headphones, plug headphones into the unit's front-panel jack.



CAUTION: Listening to headphones at high volumes can cause hearing loss. Before you place headphones on your ears, verify that the headphones' volume isn't dangerously loud.

FRONT PANEL FUNCTIONS



[1] POWER
Press to turn the power ON or OFF.

[2] USB
Connect USB cable. Used for transferring files from/to a PC.

[3] PHONES
Connect headphones.

[4] VOLUME (-/+)
Press to adjust volume.

[5] PLAY/PAUSE/ENTER
Press to play or pause a track.
Press enter to confirm a selection.

[6] STOP
Press to stop playback.

[7] RECORD
Press to start recording.

[8] TRAY OPEN/CLOSE
Press to open or close tray.

[9] EFFECT
Press to adjust EQ presets.

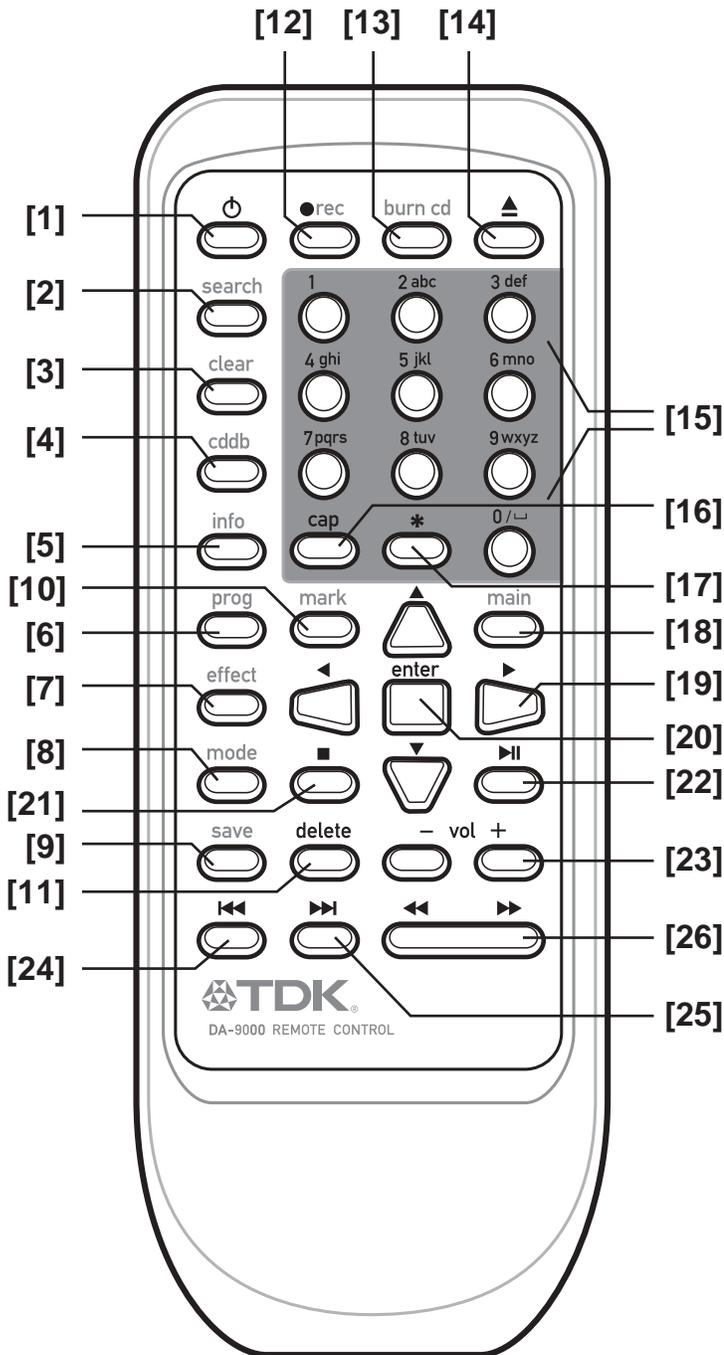
[10] PREVIOUS TRACK/ARROW LEFT
Press to skip back to the previous track or to return to the beginning of the track that's currently playing.
Or press to navigate menus and lists.

[11] NEXT TRACK/ARROW RIGHT
Press to skip forward to the next track.
Or press to navigate menus and lists.

[12] ARROW UP
Press to move up in a list.

[13] ARROW DOWN
Press to move down in a list.

REMOTE CONTROL FUNCTIONS



- [1] **POWER**
Press to turn the power ON or OFF.
- [2] **SEARCH**
Press to activate the track search feature.
- [3] **CLEAR**
Press to clear editing information.
- [4] **Cddb**
Press to activate Gracenote® CD database lookup for the current album.
- [5] **INFO**
Press to view Cddb information that has previously been retrieved.
- [6] **PROG**
Press to view the temporary list (includes marked songs).
- [7] **EFFECT**
Press to adjust EQ presets.
- [8] **MODE**
Press to change playback modes (normal, random, intro and repeat modes).
- [9] **SAVE**
Press to save temporary list as a playlist, or to save edited information.
- [10] **MARK**
Press to mark a selected track. Marked tracks appear in the temporary list.
- [11] **DELETE**
Press to delete selected items.
- [12] **REC**
Press to rip a CD to the internal hard drive.
- [13] **BURN CD**
Press to burn a CD.
- [14] **TRAY OPEN/CLOSE**
Press to open or close the disc tray.
- [15] **ALPHANUMERIC KEYS**
Press to enter track information, search for tracks, etc.
- [16] **CAP**
Press to toggle between upper case and lower case text entry.
- [17] ***** (asterisk)
Press to enter special characters when editing information.
- [18] **MAIN**
Press to load Main Menu.
- [19] **ARROW UP/ARROW DOWN/ARROW LEFT/ARROW RIGHT**
Press to navigate menus and lists.
- [20] **ENTER**
Press to confirm a selection.
- [21] **STOP**
Press to stop playback.
- [22] **PLAY/PAUSE**
Press to play or pause a track.
- [23] **VOLUME (-/+)**
Press to adjust volume.
- [24] **PREVIOUS TRACK**
Press to skip back to the previous track or to return to the beginning of the track that's currently playing.
- [25] **NEXT TRACK**
Press to skip forward to the next track.
- [26] **TRACK SCAN BACK/FORWARD**
Press to scan through a track that's currently playing.

POWERING ON/OFF

To power ON the DA-9000:

Press the **POWER** button. The unit will start for a few moments.

To power OFF the DA-9000:

Press the **POWER** button. The unit will go into OS backup mode before turning off. (This will take about 40 seconds.) If there are rapid archived songs for compressing, the unit will go into stand-by compressing mode before turning off. You can skip these modes by pressing the **POWER** button again.

SELECTING TRACKS AND MENU ITEMS

A track or other menu item is selected when an arrow appears next to the item name. In the example below, CD is selected:



To select a track or other menu item:

Press **ARROW DOWN** [▼] or **ARROW UP** [▲] until an arrow appears to the left of the track or menu item.

THE MAIN MENU

The DA-9000's Main Menu is the default menu that loads when the device is powered ON. The Main Menu is your gateway to many key functions.

To return to the Main Menu from a sub-menu:

Press the **Main** button.

GRACENOTE CD DATABASE (CDDB)

The DA-9000 includes an internal, upgradeable version of Gracenote's CD database. The DA-9000's TDK PC Transfer Software can also access CDDB through the Internet. The DA-9000 contains over 425,000 album and track titles, which it can use to automatically display CD information.

- Gracenote CDDB is automatically checked for the disc and track titles.
- Press **INFO** to view additional information.

PLAYING FROM A CD

To load a CD into the DA-9000:

1. Press **EJECT** to open the CD tray.
2. Insert a CD into the tray.
3. Press **EJECT** to close the CD tray.

To play an entire CD:

1. Load a CD into the DA-9000.
2. In the Main Menu, select CD.



3. Press the **PLAY** button [▶] to begin playback.

To play a specific song from a CD:

1. Load a CD into the DA-9000.
2. In the Main Menu, select CD.



3. Press **ENTER** to browse the tracks.
4. Select the desired track.



5. Press **PLAY** [▶] to begin playback.

PLAYING FROM THE INTERNAL HARD DRIVE

Music that is located on the DA-9000's hard drive can be navigated by HDD (Album), HDD (Artist), Last 20, Top 20 and Playlist categories. The HDD (Album), HDD (Artist), Last 20 and Top 20 categories are compiled automatically, but Playlists are user-programmed.

To play a specific album from the hard drive:

1. In the Main Menu, select HDD (ALBUM).



2. Press **ENTER** to open the album list.
3. Select the desired album.



4. Press **PLAY** [▶] to begin playback.

To play a specific track from the hard drive (when browsing by album):

1. In the Main Menu, select HDD (ALBUM).
2. Press **ENTER** to open the album list.
3. Select the desired album.
4. Press **ENTER** to open the track list.
5. Select the desired track.
6. Press **PLAY** [▶] to begin playback.

To play a specific track from the hard drive (when browsing by artist):

1. In the Main Menu, select HDD (ARTIST).



2. Press **ENTER** to open the artist list.
3. Select the desired artist.
4. Press **ENTER** to open the track list.
5. Select the desired track.
6. Press **PLAY** [▶] to begin playback.

To play a specific track from the hard drive (when browsing by playlist):

1. In the Main Menu, select PLAYLIST.



2. Press **ENTER** to open the playlist list.
3. Select the desired playlist.
4. Press **ENTER** to open the track list.
5. Select the desired track.
6. Press **PLAY** [▶] to begin playback.

To play a specific track from the hard drive (when browsing by last 20 or top 20):

1. In the Main Menu, select LAST 20 or TOP 20.
2. Press **ENTER** to open the list of 20 tracks.
3. Select the desired track.
4. Press **PLAY** [▶] to begin playback.

To play a specific playlist from the hard drive:

1. In the Main Menu, select PLAYLIST.
2. Press **ENTER** to open the playlist list.
3. Select the desired playlist.
4. Press **PLAY** [▶] to begin playback.



NOTE: Playlists are user-created. Until you create a playlist, no playlists will be available for playback.

To play the Last 20 or Top 20 tracks from the hard drive:

1. In the Main Menu, select LAST 20 or TOP 20.
2. Press **PLAY** [▶] to begin playback of the 20 tracks.

To play all tracks by a specific artist from the hard drive:

1. In the Main Menu, select HDD (ARTIST).
2. Press **ENTER** to open the artist list.
3. Select the desired artist.
4. Press **PLAY** [▶] to begin playback.

To play all playlists from the hard drive:

1. In the Main Menu, select PLAYLIST.
2. Press **PLAY** [▶] to begin playback.

To play the entire hard drive by album:

1. In the Main Menu, select HDD (ALBUM).
2. Press **PLAY** [▶] to begin playback.

To play the entire hard drive by artist:

1. In the Main Menu, select HDD (ARTIST).
2. Press **PLAY** [▶] to begin playback.

CREATING A PLAYLIST

A playlist is a user-defined group of songs that can quickly be selected for playback. To create a playlist, mark the desired tracks, open the temporary list to view the marked tracks, unmark any undesired tracks, then save the playlist. See below for details.

To create a playlist:

1. Select a track that's located on the DA-9000's hard drive.
2. Press **MARK**.
 - Repeat steps 1-2 until all desired tracks have been marked.
 - Marked tracks will have a dot [•] after the title.
3. Press **PROG**.
 - The temporary list will open. It will contain the marked tracks.
 - If you wish to unmark a track, press **MARK** while the marked track is selected.
4. Press **SAVE**.
 - A default name will be assigned to the playlist.
5. If you want to edit the playlist name, press **ENTER**.
6. Use the remote's alphanumeric keypad to enter the new playlist name. Use the **ARROW RIGHT** [▶] and **ARROW LEFT** [◀] buttons to move the cursor as needed.
7. Press **SAVE**.

EQUALIZATION (EQ) PRESETS

The DA-9000 features multiple equalization (EQ) presets, each of which delivers a different blend of bass, treble and mid-range.

To select an EQ preset:

1. Press **EFFECT**.
 - The current EQ preset mode will be displayed.
2. Repeatedly press **EFFECT** until the desired EQ preset mode is selected.

PLAYBACK MODES

The DA-9000 features four playback modes. They are as follows:

NORMAL	normal playback
REPEAT ONE	the current track will repeat continuously
REPEAT ALL	all tracks in the folder or CD will repeat continuously
RANDOM	tracks in the folder or CD will be randomly played
INTRO	the first 20 seconds of each track in the folder or CD will be played

To change the playback mode:

1. Press **MODE**.
 - The current playback mode will be displayed.
2. Repeatedly press **MODE** until the desired playback mode is selected.

PLAYING AN EXTERNAL SOURCE THROUGH THE DA-9000'S LINE INPUTS

An external audio playback source, such as a tape deck can be played through the DA-9000. This configuration could be used to free up an input on your A/V receiver, for instance.

To play an external source through the DA-9000:

1. Connect the external source to the DA-9000's line in ports.
2. In the DA-9000's Main Menu, select LINE IN.
3. Play the external source.
4. Press the DA-9000's **PLAY** [▶] button to enable playback of the external source through the DA-9000.

RECORDING TO THE INTERNAL HARD DRIVE

The DA-9000 enables “ripping” (transferring) music from CD to the internal hard drive. The unit also allows recording from external sources to the internal hard drive.

When you record to the internal hard drive, you have the option of choosing the recording option. The options are as follows:

AUDIO CD RECORDING OPTIONS

RAPID ARCHIVE:

The tracks will quickly be ripped to the internal hard drive. Encoding to the MP3 format will be performed when the unit is in stand-by mode.

COMPRESS:

The tracks will be simultaneously ripped and encoded to the MP3 format.

PLAY AND COMPRESS:

The tracks will be simultaneously played, ripped and encoded to the MP3 format.

MP3 CD RECORDING OPTIONS

RAPID ARCHIVE:

The MP3 tracks will quickly be archived to the internal hard drive.

PLAY AND ARCHIVE:

The MP3 tracks will be simultaneously played, archived to the internal hard drive.

After setting the recording option, you have the option of setting the bit-rate (amount of compression). The choices are as follows:

128 KBPS:

The tracks will be converted to the MP3 format. This is the lowest quality option, but the tracks will have the smallest file sizes.

320 KBPS:

The tracks will be converted to the MP3 format, medium quality and file sizes.

CD QUALITY:

The tracks will remain non-compressed and will have the same audio quality as the original CD. The tracks will have the largest file sizes.



NOTE: MP3 CDs will be recorded to the internal hard drive as is. The bit rate cannot be selected.



NOTE: The CD QUALITY option is not available when the COMPRESS recording option has been selected.

To rip (transfer) an entire AudioCD to the DA-9000's hard drive:

1. In the Main Menu, select CD.
2. Press **REC.**
3. Select the desired recording option.

```
Record Audio CD to HDD
Rapid Archive
➤ Compress
Play & Comp
```

- The DA-9000 will display a menu of available bit rates.

```
Record Audio CD to HDD
➤ CD Quality
128 Kbps
320 Kbps
```

4. Select the desired bit rate.
5. Press **REC.** to begin ripping the CD to the internal hard drive.

To rip (transfer) an entire MP3 CD to the DA-9000's hard drive:

1. In the Main Menu, select CD.
2. Press **REC.**
3. Select the desired RECORDING option.

```
Record MP3 CD to HDD
Rapid Archive
➤ Play & Archive
```

4. Press **REC.** to begin ripping the CD to the internal hard drive.

To rip (transfer) specific tracks from an Audio CD to the DA-9000's internal hard drive:

1. In the Main Menu, select CD.
2. Press **ENTER.**
3. Select a desired track and press **MARK.**
 - Repeat until all desired tracks have been marked.
 - Marked tracks will have a dot [•] after the title.
4. Press **PROG.**
5. Press **REC.**
6. Select the desired recording option.

```
Temp List Record
Rapid Archive
➤ Compress
Play & Comp
```

7. The DA-9000 will display a menu of the available bit rates.

```
Temp List Record
CD Quality
➤ 128 Kbps
320 Kbps
```

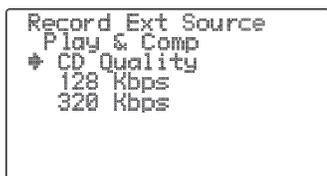
8. Select the desired bit rate.
9. Press **REC.** to begin ripping the CD to the internal hard drive.

To rip (transfer) specific tracks from an MP3 CD to the DA-9000's internal hard drive:

1. In the Main Menu, select CD.
2. Press **ENTER**.
3. Select a folder that contains the desired track(s) and press **ENTER**.
4. Select a desired track and press **MARK**.
 - Repeat until all desired tracks have been marked.
 - Marked tracks will have a dot [•] after the title.
5. Press **PROG**.
6. Press **REC**.
7. Select the desired recording option.
8. Press **REC**. to begin ripping the tracks to the internal hard drive

To record from an external source to the DA-9000's internal hard drive:

1. Connect the audio source device to the DA-9000's audio inputs.
2. In the Main Menu, select LINE IN.
3. Press **REC**.
4. Select COMPRESS BIT RATE.



5. Press **REC**. to begin recording the external source.



NOTE: DA-9000's Auto Track Detection will automatically insert tracks between music.



NOTE: The DA-9000 features Auto Track Detection. This allows the unit to automatically create a new track on the CD that's being recorded when a new track starts on the source CD.

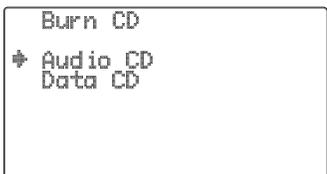
BURNING TO CD-R OR CD-RW FROM THE INTERNAL HARD DRIVE

Only discs bearing the CD-R Digital Audio or CD-RW Digital Audio logo (see examples below) can be burned by the DA-9000. CD-R and CD-RW discs designed for computer use can't be burned by the DA-9000.



To record audio tracks from the DA-9000's hard drive to a CD:

1. Load a blank Audio CD-R or Audio CD-RW into the DA-9000.
2. In the Main Menu, select HDD (ARTIST) or HDD (ALBUM).
3. Press **ENTER** to open the artists list or albums list.
4. Select the desired artist or album.
5. Press **BURN CD**.
 - You will be prompted to select the type of CD to be burned.



6. Select **AUDIO CD**.

7. Press **ENTER**.
 - The DA-9000 will check the disc for available capacity.



8. With **BURN** highlighted, press **ENTER** to begin burning.
 - After the disc has been burned, the CD tray will open automatically.



NOTE: After audio tracks have been recorded, the CD will automatically be finalized. After finalization, it will not be possible to add additional tracks.



NOTE: Both MP3 and Audio tracks can be burned as an Audio CD. DA-9000 will temporarily decompress MP3 tracks for burning.

To record MP3 tracks from the DA-9000's hard drive to an MP3 CD:

1. Load a blank Audio CD-R or Audio CD-RW into the DA-9000.
2. In the Main Menu, select HDD (ARTIST) or HDD (ALBUM).
3. Press **ENTER** to open the artists list or albums list.
4. Select the desired artist or album.
5. Press **BURN CD**.
 - You will be prompted to select the type of CD to be burned.



6. Select **DATA CD**.
7. Press **ENTER**.
 - The DA-9000 will check the disc for available capacity.



8. With **BURN** highlighted, press **ENTER**.
 - After the disc has been burned, the CD tray will open automatically.



NOTE: It is not possible to burn non-compressed tracks (such as WAV files) onto an MP3 CD from the DA-9000's hard drive.



NOTE: After MP3 tracks have been recorded, the CD will remain open, allowing additional tracks to be added in new recording sessions.

THE TEMPORARY LIST

The temporary list contains tracks that have been marked. The temporary list is cleared whenever the unit is powered OFF. From the temporary list, you can create a playlist (see "CREATING A PLAYLIST" on page 6 for more information), or you can record the tracks to CD.

To mark tracks:

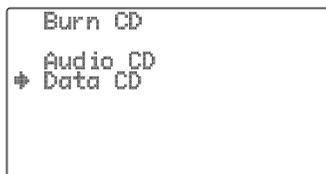
1. Select the track you wish to mark.
2. Press **MARK**.
 - The track will be added to the temporary list.

To open the temporary list:

Press **PROG**.

To record various tracks from the DA-9000's hard drive to a mix CD:

1. Load a blank Audio CD-R or CD-RW into the DA-9000.
2. Mark the tracks you wish to record onto the mix CD.
3. Press **PROG** to open the temporary list.
 - To remove an undesired track, select the track and press **MARK**.
4. Press **BURN CD**.
 - You will be prompted to select the type of CD to be burned.



5. Select **DATA CD** or **AUDIO CD**.
6. Press **ENTER**.
 - The DA-9000 will check the disc for available capacity.



7. With **BURN** highlighted, press **ENTER** to begin burning.
 - After the disc has been burned, the CD tray will open automatically.



NOTE: Non-compressed audio tracks cannot be recorded onto an MP3 Data CD.

ERASING A CD-RW

CD-RW discs can be erased and rewritten with new content. An erased CD-RW disc can be rewritten as an MP3 CD or as a standard CD. CD-R type discs cannot be erased.

To erase a CD-RW:

1. In the Main Menu, select **SYSTEM**.
2. Press **ENTER**.
3. Select **ERASE DISC**.
4. With **YES** selected, press **ENTER**.

COPYING A CD

If you want to make a backup copy of a CD, follow this process:

1. Rip the CD to the DA-9000's internal hard drive.
2. Record the tracks from the internal hard drive to an Audio CD or MP3 CD.



NOTE: Due to copy protection, it may not be possible to make copies of some CDs.

ABOUT THE SERIAL COPY MANAGEMENT SYSTEM

This unit complies with the Serial Copy Management System (SCMS) standard. This standard was created to restrict digital-to-digital copying to only the first generation. The basic rules governing this system are as follows:

1. A digital recording can be made through a digital input connection from a digital source such as a CD, DAT or MD onto a recordable audio CD-R, audio CD-RW, MD or DAT. However, second and later generation copies cannot be recorded digitally.
2. When an analog source such as an FM broadcast is digitally recorded by using a CD-R, CD-RW, MD or DAT, this recorded source can be digitally recorded on another CD-R, CD-RW, MD or DAT. However, further digital copying is prohibited.

RECORDING FROM YOUR TURNTABLE

Some turntables have a built-in preamplifier. If yours does, connecting will be quite simple as illustrated below:



If your turntable doesn't have a built-in preamplifier (most don't), the turntable can be connected to a separate preamplifier that's connected to the DA-9000's inputs.



Some AV receivers have a built-in phono preamp. If yours does, you can connect as follows:



Visit the Knowledge Bank at www.tdk.com for more information on archiving your vinyl collection.

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EDITING TITLES (ALBUM, ARTIST, SONG & PLAYLIST)

The DA-9000 allows editing album, artist, song and playlist titles.

To edit a title:

1. Select the title.
2. Press **INFO**.
3. Press **ENTER**.
 - Use **ARROW UP** [▲], **ARROW DOWN** [▼], **ARROW RIGHT** [►] and/or **ARROW LEFT** [◀] to move the cursor as needed. Press **CLEAR** to erase characters.
4. Using the alphanumeric keypad, enter the new title.
 - Press the **CAPS** key to toggle from lower- to upper-case letters.
5. When finished, press **SAVE**.

SEARCHING

To search for an album, artist or track by title:

1. Press **SEARCH**.
2. Select search by **ALBUM**, **ARTIST** or **SONG**.
3. Use the alphanumeric keypad to enter the title.
4. When finished, press **SAVE**.
 - If found, the display will show the title.
5. Press **ENTER** to view the album or press **PLAY** [►] to play the track.

To search for an album, artist or track by number:

1. In the album, artist or track list, locate the number that represents the album, artist or track you want to select.
2. Using the alphanumeric keypad, enter the number.
 - Press **CLEAR** to backspace as needed.
3. Press **SAVE**.
 - The album, artist or track will now be selected.

COMPRESSING FILES STORED ON THE INTERNAL HARD DRIVE

Rapid Archived files that are stored on the DA-9000's hard drive can be compressed. Rapid Archived files have a music note next to the file name, while compressed files have a music note with an "M" shaped tail.

To compress tracks on the DA-9000's internal hard drive:

1. Select the desired track or folder.
2. Press **REC**.
3. Press **ENTER** to begin compressing.

DELETING (BY TRACK OR FOLDER) WITH THE REMOTE

You can use the remote control to delete individual tracks, entire albums, entire artists and playlists. The TDK PC Transfer Software can also be used to delete content.

To delete with the remote control:

1. Select the track or folder you want to delete.
2. Press **DELETE**.
3. Confirm by selecting **YES** and pressing **ENTER**.

SYSTEM MENU

The System Menu provides access to several DA-9000 options.

To access the System Menu:

1. In the Main Menu, select **SYSTEM**.
2. Press **ENTER**.

To configure voice prompt:

1. Access the System Menu.
2. Select **VOICE PROMPT**.



NOTE: When Voice Prompt is enabled, a voice will announce when recording to the internal hard drive has been completed. Currently, this feature does not apply to CD burning.

3. Press **ENTER**.
4. Select **DISABLE**, or **ENABLE**.
5. Press **ENTER**.

To check the internal hard drive's capacity:

1. Access the System Menu.
2. Select **HDD CAPACITY**.
3. Press **ENTER**.

To check the DA-9000's firmware version:

1. Access the System Menu.
2. Select **DA-9000 INFO**.
3. Press **ENTER**.

To adjust the DA-9000's default recording compression setting:

1. Access the System Menu.
2. Select **RECORD OPTIONS**.
3. Press **ENTER**.
4. Select **LINE-IN RECORDING** or **CD RECORDING**.
5. Repeatedly press **ARROW RIGHT** [►] until the desired compression rate is selected.

To format the internal hard drive:

1. Access the System Menu.
2. Select **FORMAT HDD**.
3. Press **ENTER**.
4. Confirm by selecting **YES** and pressing **ENTER**.

UPGRADING THE INTERNAL GRACENOTE CDDB

Go to www.tdk.com/DA9000 for instructions on upgrading the internal CDDB.

UPGRADING THE INTERNAL FIRMWARE

Go to www.tdk.com/DA9000 for instructions on upgrading the firmware.

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The TDK PC Transfer Software (included) must be used to transfer files between the DA-9000 and your PC. Install the TDK PC Transfer Software before connecting the USB cable.

To install the TDK PC Transfer Software:

1. Load the included installation CD-ROM into your computer's CD-ROM drive.
2. If the installer does not automatically launch, do the following in Windows:
 - a. Double click MY COMPUTER
 - b. Double click the TDK PC Transfer Software CD-ROM icon.
 - c. Double click Setup.exe.
3. Follow the on-screen prompts to complete installation.

After completing installation of the TDK PC Transfer Software, connect one end of the USB cable to the DA-9000. Connect the other end to a USB port on your PC. When the DA-9000 has detected the connection, USB will be displayed on the unit's front panel LCD.

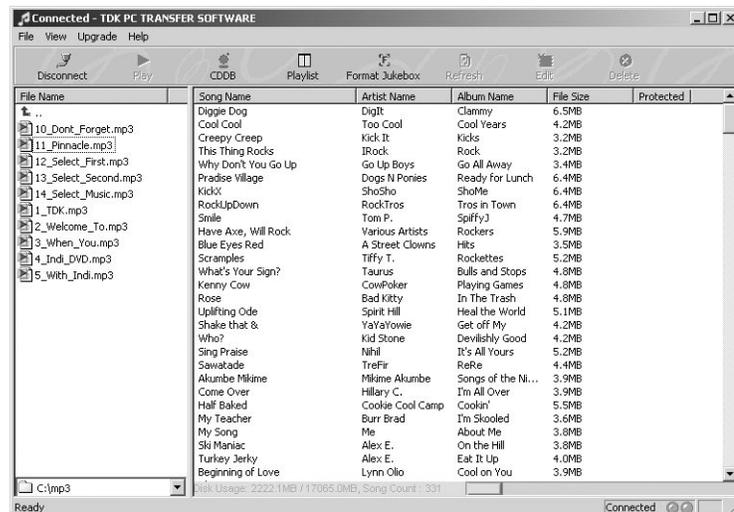
After connecting the USB cable, run the TDK PC Transfer Software.

To run the TDK PC Transfer Software:

- In Windows, click START, PROGRAMS, TDK PC TRANSFER SOFTWARE.
- The software will launch.

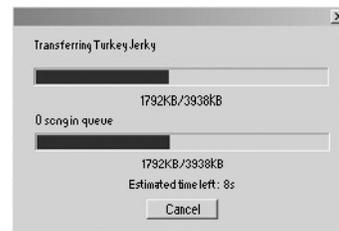
To transfer tracks from your PC to the DA-9000's internal hard drive:

1. Run the TDK PC Transfer Software.
 - The files located on your PC's hard drive will appear in the window on the left side.
 - The files located on the DA-9000's internal hard drive will appear in the window on the right side.



2. In the window on the left side, click to highlight files you want to transfer from your PC to the DA-9000's internal hard drive.
 - The entire folder, multiple files or a single file can be selected.

3. Drag the files from the window on the left side and drop them in the window on the right side.
 - The files will be transferred.



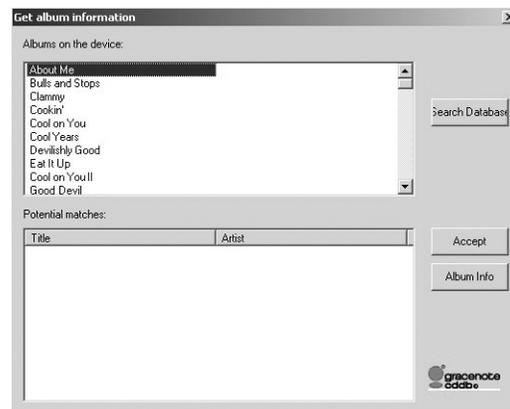
- If you wish to interrupt the file transfer, click the TDK PC Transfer Software's CANCEL button.



NOTE: Only MP3 files can be transferred with the TDK PC Transfer Software.

To find titles with the Internet version of Gracenote CDDB:

1. Click the TDK PC Transfer Software's CDDB icon.
2. If prompted, follow the instructions to register for Gracenote CDDB.
3. The TDK PC Transfer Software will automatically detect any untitled albums on the DA-9000's internal hard drive.
4. You will be asked if you would like to automatically match any untitled albums.
5. Click YES.
 - The TDK PC Transfer Software will connect to Gracenote CDDB and will automatically retrieve all potential matches over the Internet (requires live Internet connection).



- Potential matches will appear in the bottom (POTENTIAL MATCHES) window.
6. If a match appears in the POTENTIAL MATCHES window, highlight the match and click ACCEPT.



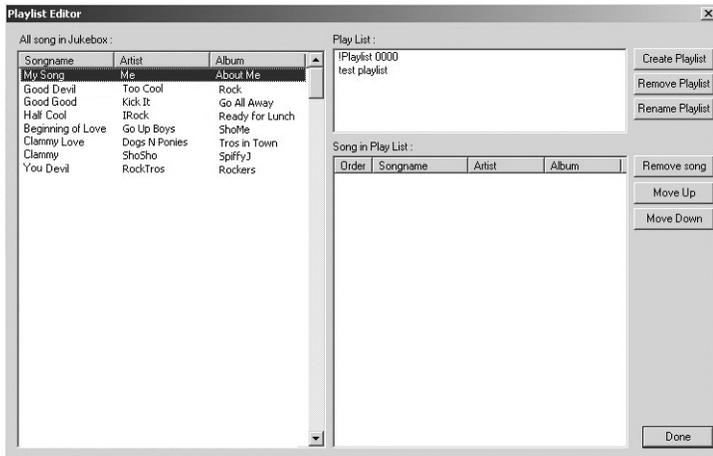
NOTE: When the DA-9000 isn't connected to your computer, you must use the DA-9000's internal version of Gracenote CDDB to find titles.

To create a playlist with the TDK PC Transfer Software:

1. Click the TDK PC Transfer Software's Playlist icon.



• The Playlist Editor window will open.



2. Click **CREATE PLAYLIST**.
3. Enter a name for the playlist.
4. In the **FILE WINDOW** (on the left side), highlight tracks you want to include in the new playlist.
5. Drag files from the **FILE WINDOW** (on the left side) and drop them in the **SONG IN PLAYLIST** window (on the lower right side).
6. Click **DONE**.

To edit a playlist with the TDK PC Transfer Software:

1. Click the TDK PC Transfer Software's Playlist icon.



• The Playlist Editor window will open.

2. In the **PLAYLIST WINDOW** (on the upper right), select the playlist you want to edit.
3. If you want to change the playlist's name, click **RENAME PLAYLIST**.

OR

If you want to change the playlist's contents, highlight a song(s), then click a button (**REMOVE SONG**, **MOVE UP**, **MOVE DOWN**) to change the playlist.

To edit a file name with the TDK PC Transfer Software:

1. In the main window, double click the file name you want to edit.

OR

Highlight the file name and click **EDIT**.



• The **EDIT SONG INFO** window will open, allowing you to modify the file name.



2. Modify the file name.
3. Click **OK**.

To delete a file with the TDK PC Transfer Software:

1. In the main window, highlight the file(s) you want to delete.
2. Click **DELETE**.
3. Click **OK**.

To play a file with the TDK PC Transfer Software:

1. In the **FILE WINDOW** (on the left side), select a track.
2. Press **PLAY**.

If you are experiencing difficulties with the DA-9000, please read this entire section. Many issues can be easily solved after reading this section.

ISSUE:

- The DA-9000 will not burn my tracks to a CD-R or CD-RW.

CAUSE(S)/SOLUTION(S):

- The DA-9000 complies with SCMS copy protection. This means that copies of digital copies can't be made.
- The DA-9000 requires Audio (aka "Music") type CD-R or CD-RW discs. Data type discs for computer recording cannot be recorded by the unit.
- There isn't enough space for your tracks left on the CD-R or CD-RW. If the disc is a CD-RW, you can erase and rewrite it.
- You can't record more than 99 sessions on an MP3 CD.
- You can't record more than 99 tracks on an Audio CD.

ISSUE:

- The CD-R or CD-RW I recorded with the DA-9000 can't be played in my CD (or DVD) player.

CAUSE(S)/SOLUTION(S):

- Your CD (or DVD) player may not support CD-R or CD-RW discs. Check with the player's manufacturer.

ISSUE:

- The DA-9000 still seems like it's ON after I've turned it OFF.

CAUSE(S)/SOLUTION(S):

- This is normal. The unit enters an OS backup mode, then enters a stand-by mode. While in stand-by mode, tasks may be performed. For instance, rapid archived tracks may be encoded while the DA-9000 is in stand-by mode. You may hear the hard drive running.

ISSUE:

- The unit doesn't operate properly or seems to have crashed.

CAUSE(S)/SOLUTION(S):

- While it's far more reliable than a PC, the DA-9000 does have a processor and other PC-like components. If the unit seems to have frozen, wait a few minutes, unplug the unit, wait a few seconds, plug the unit back in and power ON.

ISSUE:

- DA-9000 will not power ON.

CAUSE(S)/SOLUTION(S):

- Verify that the DA-9000 is connected to a working power outlet.
- Disconnect the USB cable.
- Disconnect the power cord, wait a few minutes, reconnect the power cord and power ON.

ISSUE:

- The remote control's battery is drained after the remote hasn't been used for a while.

CAUSE(S)/SOLUTION(S):

- Remove the remote's batteries if you won't be using the remote for a few weeks.

ISSUE:

- I can't play music from CD.

CAUSE(S)/SOLUTION(S):

- Make sure the CD is loaded properly (label side up).
- If the disc is a CD-R or CD-RW, make sure the disc has been recorded and finalized.
- Verify that the CD isn't dirty or scratched.

ISSUE:

- I can't transfer tracks between the DA-9000 and my PC.

CAUSE(S)/SOLUTION(S):

- The TDK PC Transfer Software must be installed and used to transfer the tracks.
- Connect the USB cable to the DA-9000 and to your PC.
- Only MP3 files can be transferred.

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Specifications & Box Contents

Main Unit

Physical	
Size	430 x 300 x 95 mm (16.9 x 11.8 x 3.7 inches) (L x W x H)
Weight (Net)	6 kg (13.2 lbs)
Weight (Gross)	7.25 kg (15.9 lbs)
Hard Drive Capacity	20 GB
LCD	LED backlight Size: 67mm x 38mm (Visual Area)
Electrical	
AC Voltage	AC 120V, 60Hz
Max Power	55 W
Supported Playable Format	
Compatible CD Type	Audio CD, CD-ROM, MP3 CD, CD-R, CD-RW
Audio Format	CD-DA
Data Format	CD-ROM MODE 1, CD-ROM MODE 2 F1
Supported Recording Formats	
Audio Format	CD-DA (Disc-At-Once)
Writable CD Types	CD-R for Audio, CD-RW for Audio
Data Format	Mode 1 (Session-At-Once with multisession support) File system for Data CD conforms to ISO9660 with Joliet Extension
Others	
Data Transfer Port	USB Port
Digital Audio Out	Optical SPDIF Consumer format
Analog Audio In/Out	RCA
Database	Upgradable Gracenote CDDB® Music Recognition Service
Digital Audio Format	MP3, WAV at 44.1kHz
Frequency Range	20Hz - 20kHz
Signal to Noise Ratio	90 dB
Total Harmonic Distortion	< 0.1%

Remote Unit

Battery	Two (2) AA type
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The DA-9000 has upgradeable firmware. Should a firmware upgrade be released, you will be able to download it from www.tdk.com/DA-9000. Instructions for upgrading the firmware will be provided.

BOX CONTENTS

The DA-9000 is shipped with the following items in its box:

One (1) TDK PC Transfer Software CD-ROM

One (1) Remote Control

One (1) USB Cable

One (1) RCA Type Stereo Audio Cable

Two (2) AA Batteries for the Remote Control

Product Support Materials

TDK LIMITED WARRANTY – TDK DA-9000
One Year Limited Warranty for Hardware
90 Day Limited Warranty for Software

TDK Electronics Corporation ("TDK") warrants to the end-user customer that this product, exclusive of software (referred to herein as "Hardware" or "Product") will be free from defects in material and workmanship for a period of one (1) year from date of purchase. If TDK receives notice of any such defects during the warranty period, TDK will, at its option, either repair or replace the Product which it finds to be defective at no charge (except for shipping and insurance). Repair of defective Product may be with either new or rebuilt replacement parts that will be warranted for the remainder of the original warranty period. Any exchanged parts under this warranty will become the property of TDK. Replacement Product may be either new or reconditioned. If the Product is discontinued and no longer available, then it may be replaced with Product determined by TDK to be of similar value and performance.

TDK warrants to the end-user customer that the TDK-branded software included with the Product, when properly installed and used will operate in substantial conformance with the user manual for a period of ninety (90) days from the date of purchase. If TDK receives notice of defective software during the warranty period, TDK will replace the TDK software media which it finds to be defective at no charge (except for shipping and insurance.)

Any software other than TDK Software included with the Product is supplied on an "As IS" basis and without any representation or warranties of any kind, whether express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, title, and non-infringement. Please refer to any documentation included with such software for your rights and obligations with respect to that software.

TDK does not warrant that the operation of the Product will be uninterrupted or error free. This Limited Warranty does not apply to defects resulting from (1) acts of God, accident, misuse, abuse, negligence, abnormal, or unusually heavy use; (2) improper installation, operation, testing, or maintenance; (3) power failure or connection to improper voltage supply; or (4) attempted repair by any party other than TDK. This Limited Warranty does not apply when the malfunction results from the use of the Product in conjunction with other products, software, or accessories, or where it is determined by TDK that there is no fault with the Product itself. This Limited Warranty is invalid if the factory applied serial number has been altered or removed from the Product.

This Limited Warranty extends only to the original end-user customer and is not transferable to any subsequent purchaser. This Limited Warranty is valid only within the United States. For areas outside the United States, contact the authorized dealer from whom you purchased the Product to determine what warranty, if any, applies.

In order to obtain warranty service, you must deliver the Product to TDK freight prepaid, in either its original package or packaging providing a degree of protection equivalent to that of the original packaging, along with proof of purchase. (Please contact TDK at the number listed below or in the manual for further information.)

TDK MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON INFRINGEMENT OF THIRD PARTY RIGHTS. TO THE EXTENT THAT ANY IMPLIED WARRANTIES APPLY, DESPITE THEIR EXCLUSION UNDER THIS LIMITED WARRANTY, SUCH WARRANTIES SHALL BE LIMITED TO THE DURATION OF THE EXPRESS WARRANTIES PROVIDED HEREUNDER.

THE REMEDIES PROVIDED UNDER THIS LIMITED WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES. TDK'S LIABILITY UNDER ANY LEGAL THEORY FOR ANY LOSS OR DAMAGE IN ANY WAY RELATED TO THE PRODUCT SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCT. IN NO EVENT SHALL TDK BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OF THE PRODUCT.

Some states do not allow limitations on how long an implied warranty lasts or any exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

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