

OPERATING INSTRUCTIONS

SAFETY PRECAUTIONS

DANGEROUS VOLTAGE



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.

ATTENTION



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 appliance.

7 DANGER:

This product utilizes a Class 1 laser to read Compact Discs. This laser Compact Disk Player is equipped with safety switches to avoid exposure when the CD door is open and the safety interlocks are defeated. Invisible and hazardous laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. Please do not attempt to defeat



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.

SURGE PROTECTORS:

It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product.

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SAFETY PRECAUTIONS

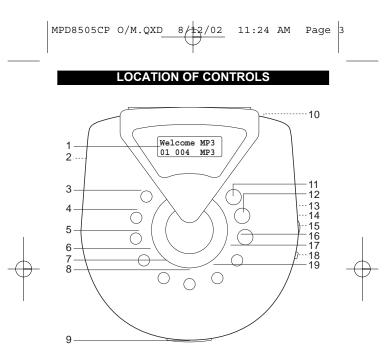
- Do not open the CD compartment while the CD is rotating.
- Always keep the CD compartment closed when not in use.
- Keep all foreign objects out of the CD compartment.
- Place the unit on a stable surface.
- Avoid installing the unit is locations described below:
- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
 - On top of other stereo equipment that radiates too much heat.
 - Placed lacking ventilation or dusty places.
 - Places subject to constant vibration.
 - · Humid or moist places.

INFORMATION

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 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 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.

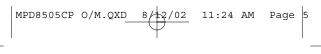




Many of the buttons have dual functions, meaning they will perform one function in the Normal mode and a different function in the Search mode. The descriptions on the following page will indicate the function while in the Normal mode, followed by the function in the File Search mode (if applicable).



	No.	Name	OF CONTROLS (CONTIN Normal Mode	File Search	
	1	Display	LCD Function Display		
	2	Battery	Insert Batteries, see		
		Compartment	page 5		
	3	FILE SEARCH	Search for MP3 files	ENTER	
	4	DISPLAY	MP3 Display select	0, CLEAR	
	5	FILE/DIR.	Locate MP3 file	9, "Space"	
	6	RESUME	CD: Continues playback from	8,W,X,Y,Z	
			last track played.		
			MP3: Continues playback from		
			last position played.		
	7	ANTI-SKIP	Anti Skip Protection	7,T,U,V	
			ensures continuous playback.		
	8	PROGRAM	Memorizes & reviews programs.	6,P,Q,R,S	
	9	OPEN Switch	Slide to the right to open the CD		
\square	40		compartment.		$-\Phi$
\mathcal{V}		DC4.5V Jack	Use with external Power Supply. Turns the unit on. Also starts		Ψ
	11	PLAY/PAUSE	and pauses playback.	1,A,B,C	
1	12	STOP	Stops CD play, clears a	2,D,E,F	I
	12	STOP	program. Also turns the unit off.	2,0,∟,1	
	13	LINE OUT Jack	Connect to an external amplifier,		
	10		such as a car stereo.		
	14	PHONES Jack			
	15	VOLUME	Adjusts the volume.		
			Press & release:Skip forward.	3,G,H,I	
			Press & Hold: Search forward.		
	17	SKIP/SEARCH-	Press & release:Skip backward.	4,J,K,L	
			Press & Hold: Search backward.		
		DBBS	Turns BASS enhancement on/off.		
	19	PLAY MODE	Cycles between RANDOM,	5,M,N,O	
			INTRO, REPEAT A, REPEAT1.		
			4		



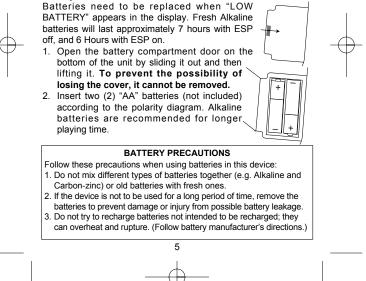
INSTALLATION

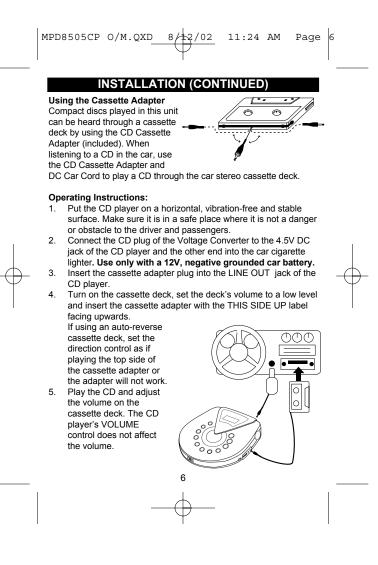
This CD player can be powered by either 2 "AA" batteries, a car or the provided AC adapter.

AC Operation

To operate the unit using AC power, connect the AC adapter (included) to the DC4.5V jack on the rear of the CD Player and to a wall outlet having 120V, 60Hz AC only. The batteries are automatically disconnected when the AC adapter is used. **CAUTION**: Use only the AC adapter provided with this unit. Disconnect the adapter when not in use.

Battery Installation





INSTALLATION (CONTINUED)

Playback Through a Home Audio System:

By using a home audio connection cable, superb CD sound can be heard through your home audio system. Before making any connections, turn off the power to all equipment. Plug a connection cable (not included) between the LINE OUT jack on the side of the CD player and the amplifier's CD or AUX input jacks. (Do not connect it to the amplifier's PHONO jacks.)

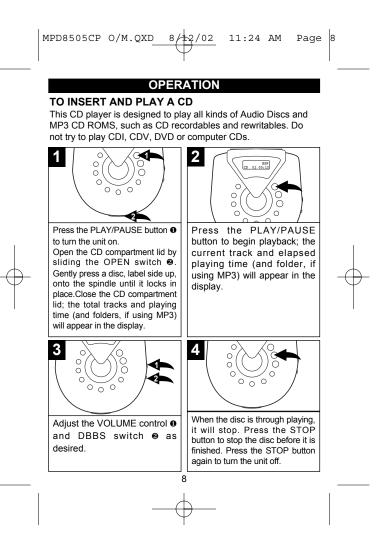
NOTE: If the CD player interferes with TV or radio reception, move the CD player away from the TV or radio or turn off the power to the CD player.

Headphones:

Connect the supplied headphones into the green PHONES (Headphones) jack.

Use your common Sense when using headphones:

- Hearing Safety: Do not play your unit at high volume. Hearing experts advise against continuous extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.
- Traffic Safety: Do not use while operating a motor vehicle. It may create a traffic hazard and it is illegal in many areas. You should use extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air type designed to let you hear outside sounds, do not turn up the volume so high that you can't hear what's around you.



OPERATION (CONTINUED)

CD PLAYBACK NOTES:

- See page 15 for more information on MP3's.
- When recording ("burning") CDs, make sure the session is "finalized", or simply record ("burn" only one session). You can find more information on "finalizing" in your CD recorder's manual.
- This unit is capable of playing standard CDs or 3" singles; no adapter is required.
- If a disc is inserted incorrectly, dirty, damaged or not present at all, "no disc" will appear in the display.
- If a disc is not recorded properly, "disc error" will appear in the display.
- Playback will stop when you open the CD compartment, but it is not recommended to open the compartment before the STOP button is pressed.
- If there is no activity for 60 seconds, the unit will turn itself off to save the batteries.
- It may take 10 to 30 seconds for the player to read an MP3 CD and begin playback, depending on the number of tracks burned on the CD.

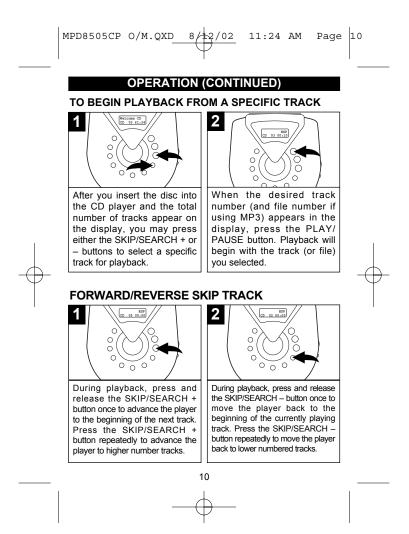
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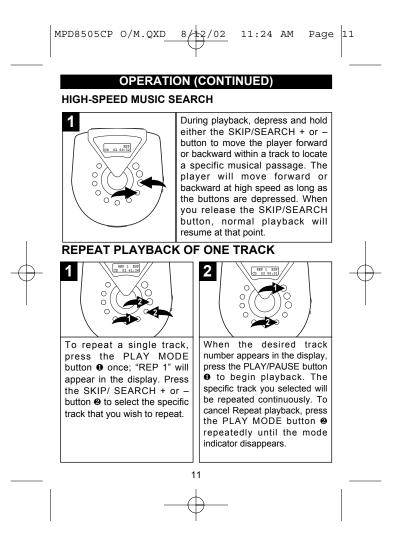
CD PAUSE CONTROL

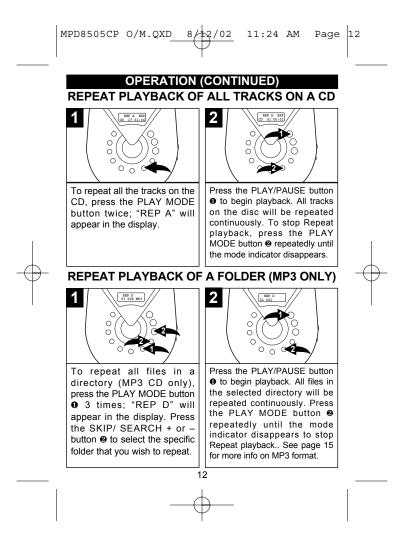


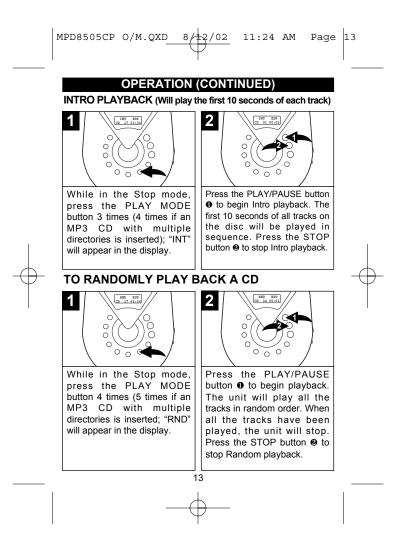


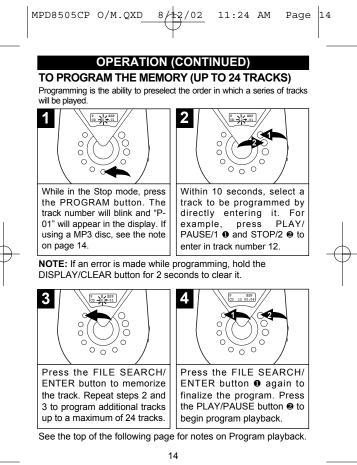
During CD playback, if you wish to pause the disc momentarily, press the PLAY/PAUSE button. Playback stops but the disc continues to spin and the elapsed time flashes in the Display. Press the PLAY/PAUSE button again to release Pause and resume playback. The sound returns and the elapsed time in the Display stops flashing.













OPERATION (CONTINUED)

NOTES ON PROGRAM PLAYBACK

- **MP3:** If an MP3 CD is inserted, you will first select the directory number in step 1, and then the file.
- You can review the program by pressing the PROGRAM, then the SKIP/SEARCH button when playback is stopped.
- If you press the PROGRAM button, but do not enter a file number within 10 seconds, the player exits the Program mode and returns to the Normal mode.
- Press the REPEAT button twice during program playback to repeat the program repeatedly until the STOP button is pressed.
- Press the STOP button to stop and cancel the program before it is finished.
- Each file may be stored in the program memory as many times as desired (up to 24 files).
- If an error is made while programming or searching, hold the DISPLAY/CLEAR button for 2 seconds.
- If an error is made while programming, hold the DISPLAY/CLEAR button for 2 seconds to clear it.

ESP (ELECTRONIC SKIP PROTECTION)

This feature protects against loss of sound caused by vibrations and shocks. Continuous playback is ensured once some of the music has been stored into memory.

ESP will automatically be activated when listening to standard or MP3 CDs. You cannot deactivate ESP while listening to an MP3 CD. However, you can deactivate it when playing a standard CD by simply pressing the ESP button; the ESP indicator will disappear from the display. Deactivating the ESP will conserve battery life.

RESUME

This will allow you to resume playback of a CD that was previously stopped. If you stopped a CD in the middle of playing, simply press the RESUME button and the CD will continue at the start of the last played track location where the CD was stopped.



OPERATION (CONTINUED)

MP3 FAQs - Frequently Asked Questions

Please read before playing an MP3 CD.

Can the HD7088 read CD-RW (Rewriteable CDRs)? Yes it can. However, you must reformat the CD-RW every time you want to record new group of MP3 files. No multi-session recording allowed.

Can the HD7088 read regular music CDs? Yes it can. However you can not mix MP3s and WAV files on the same CD. If you do this your Portable MP3 CD Player will play only the MP3 files.

Does the HD7088 have Electronic Skip Protection built-in? Yes it has a 45 seconds anti-shock buffer. What it means for everyday user is that it can withstand road bumps, shaking, etc. There will be no skipping when you jog, or run on a tread mill or drive on a bumpy road.

Can I use the MP3 extension for non-audio data files? No, this may result in serious malfunction and harmful noise interference.

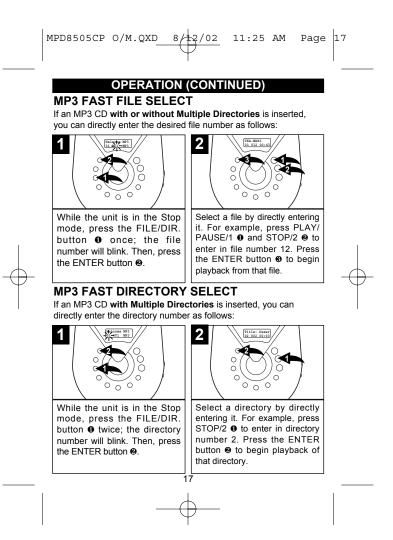
Can I mix MP3 files with other file types on the CDR? Yes, but your Portable MP3 CD Player will ignore those files and read only the MP3 files on the CDR.

Does the HD7088 support multi-session CDRs? No it will not. It supports only single session recorded CDRs. Single-session means you must burn all your MP3 files on the CDR at once, and they must have an MPEG rate of 32-128Kbps.

Does the HD7088 support subdirectories (subfolders)? Yes, the HD7088 can read MP3 files from subfolders.

What appears on the display when playing back MP3 CDs?? The album, title and artist (if set when MP3 was recorded).

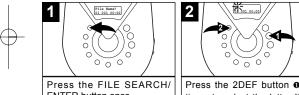




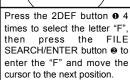
OPERATION (CONTINUED) MP3 SELECTING SONGS BY TITLE

You can search for a song by title, using the letter buttons to enter the name of the song.

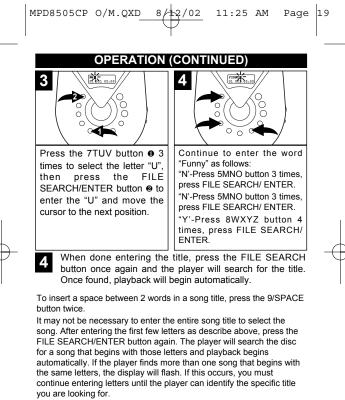
First, press the FILE SEARCH/ENTER button, followed by the appropriate letters to enter the name of the song. Remember that each letter button can enter 4 or 5 letters/numbers depending on the number of times you press the button. If you press the 1ABC button once, the number "1" appears. Press twice for "A", 3 times for "B" and 4 times for "C". For example, if the first word in the song title is "Funny", you would enter the word "Funny" on the display as follows:



ENTER button once.



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NOTES:

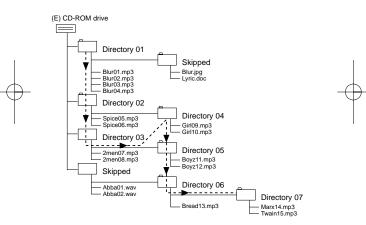
- The maximum number of letters that can be entered is 6.
- The maximum number of titles that can be located by name is 67.



OPERATION (CONTINUED)

SINGLE SESSION

The following chart is an example of a **Windows Explorer** display that will appear on your computer monitor for a single session MP3 CD ROM with Folders/Albums. Check the added notes to help you understand the MP3 CD unit display and the playback sequence of folders/albums and tracks on a single session MP3 CD.



See the following page for notes regarding this diagram.



MPD8505CP O/M.QXD 8/12/02 11:25 AM Page 21 OPERATION (CONTINUED) ABOUT THE DIAGRAM ON THE PREVIOUS PAGE:

- The arrow pathway shows the sequence of MP3 directory and file playback.
- · This example has a total of 7 MP3 directories.
- Based on this layout, the first file will be "Blur01.mp3" and the last file will be "Twain15.mp3".
 - When the MP3 CD is inserted into the CD player, the Display will
 Welcome MP3 05 010 MP3
 - appear as the following figure. The "07" represent the total directory and "015" represents the total files.
- "Skipped" denotes a directory which contains non-audio files only, e.g. jpg, wav, etc. These cannot be detected nor played on this player. When an album contains mixed format files, the non-MP3 files will be skipped.

SPECIFICATIONS

MPEG Rate	
Sampling frequency	
MPEG1	Layer 3
MP3 Playback	ISO9660 format compatible
Check the CD burner/record	er's documentation to see if it

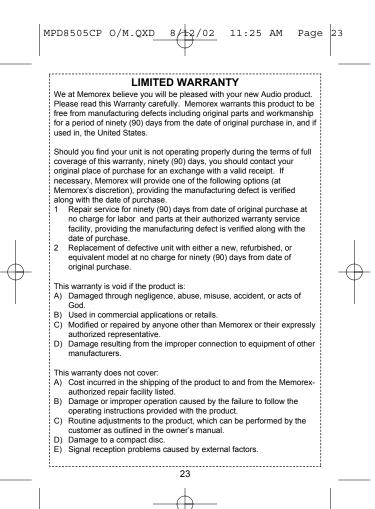
complies with these specifications. FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE, PLEASE VISIT OUR WEBSITE AT WWW.MEMCORPINC.COM OR CONTACT CUSTOMER SERVICE AT 1-800-919-3647

PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.

FOR PARTS AND ACCESSORIES, CONTACT FOX INT'L AT 1-800-321-6993.



	MPD8505CP	φ-		22			
	TROUBLESHOOTING GUIDE Should this unit exhibit a problem, check the following before seeking service.						
<u> </u>	SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION				
	Unit will not turn on.	Batteries inserted incorrectly.	Insert batteries correctly.	-			
		Batteries dead or weak.	Replace batteries.				
		Power connection loose, or not connected.	Properly connect AC adapter securely.				
		Power not on.	Press the PLAY/PAUSE button to turn the power on.				
	CD will not play.	CD compartment not closed.	Close CD compartment door.				
		Disc inserted incorrectly.	Insert disc correctly.				
		Dirty or defective CD.	Try another CD.				
	Erratic playback.	Condensation is on the lens.	Wait until the lens has cleared.	$- \oplus$			
		Dirty or defective CD.	Try another CD.				
I		Error in the MP3 recording of the CD.	This is an error with the CD/burner, not the unit. Try another CD.				
		Unit locks up.	Press and hold the DISPLAY/CLEAR button for 2 seconds to reset.				
	Playback does not start from track 1.	The Resume or Program function was activated.	Clear the program, and do not start with the resume function.				
	No sound, or poor sound.	Headphone or Line Out plugs not inserted properly.	Check connections.				
		The volume is set too low.	Raise the volume.	1			
		Plugs are dirty.	Clean plugs and reinsert.				
	L	22	1				
		$-\phi$	_				



F) Products not purchased in the United States.

G) Damage to the products used outside to the United States.

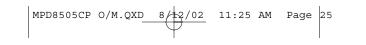
In the event that service is required under this warranty, please contact CUSTOMER SERVICE at 1-800-919-3647 or contact our website at www.memorex.com.

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