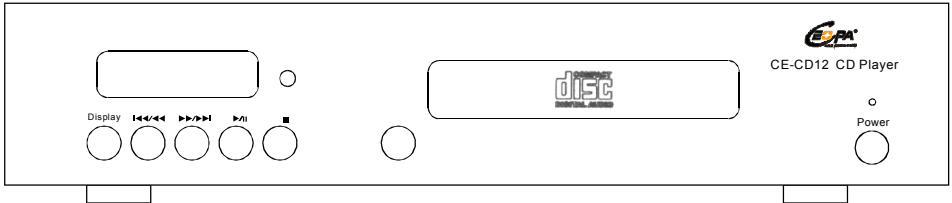




User Manual

CD Player
CE-CD12



User Manual

Please read this user manual carefully before operation.

INTRODUCTION

Congratulations on purchasing this CE-CD12 CD player, it has been developed following an extensive research and development program that has culminated in what we regard as an exceptional mid range hi-fi product.

Our aim when designing this CD player was to produce a visually appealing product which would look comparable to higher priced models, and give an exceptional performance to match.

We trust that it will give you hours of listening pleasure, and provide years of unparalleled performance. As with any new electrical product please be patient and allow at least 36 hours use before all components have acclimatised themselves with your surroundings, and found their optimum working temperature.

SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of electric shock, do not remove any cover. **NO USER-SERVICEABLE PARTS INSIDE, REFER ANY SERVICING TO QUALIFIED SERVICE PERSONNEL.**

IMPORTANT SAFETY INSTRUCTIONS

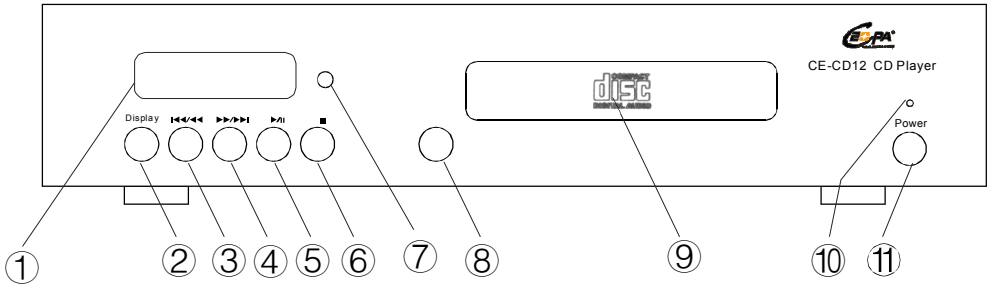
- * Read and keep these instructions available for future reference.
- * For indoor use only.
- * The unit must only be connected to a suitable mains power supply using mains power lead provided.
- * To reduce the risk of fire or electrical shock, do not expose this unit to rain or moisture.
- * The apparatus shall not be exposed to dripping or splashing.
- * No objects filled with liquids, such as vases, shall be placed on the apparatus.
- * Unplug the unit from the wall socket during lightning storms and when it is not going to be used for a long period of time.
- * Take care that foreign objects do not enter, or liquids are not spilled, into enclosure through any openings. If this should happen, refer to qualified service personnel before attempting to use.
- * Ensure adequate ventilation - do not cover this unit with curtains, etc.
- * Do not install near any heat source, such as radiators, or other equipment that produces heat.
- * Protect the mains power cable from being damaged.



The lightning lash symbol with the arrowhead 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 sufficient to constitute a risk of electric shock to persons

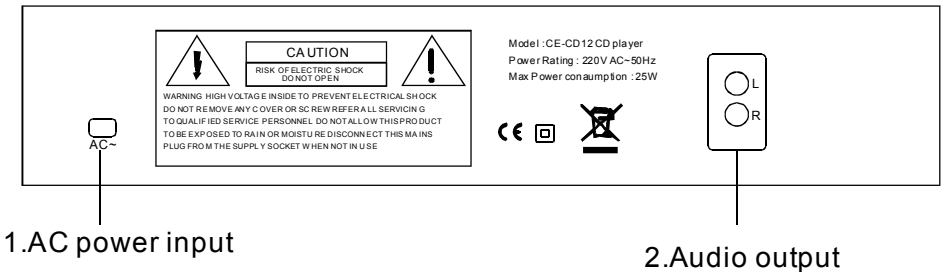
The exclamation point within an equilateral triangle is intended to alert the user to important operating and maintenance instructions in the service literature relevant to this appliance.

FRONT PANEL CONTROLS

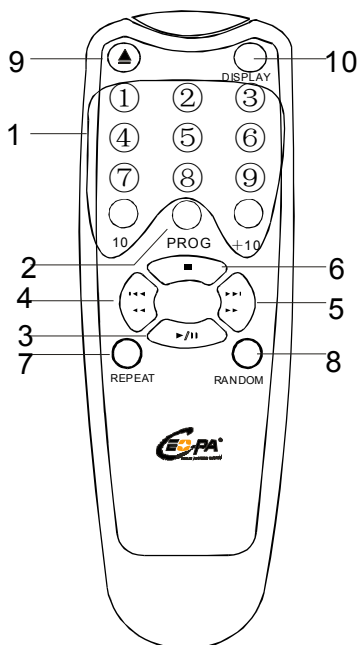


- 1.LCD display screen
- 2.Display for remain time
- 3.Select backwards / Fast backwards
- 4.Select forwards / Fast forwards
- 5.Play / Pause
- 6.Stop
- 7.IR Receptor
- 8.Eject button
- 9.CD drawer
- 10.LED power indicator
- 11.Power

REAR PANEL CONNECTIONS



REMOTE CONTROL BUTTON

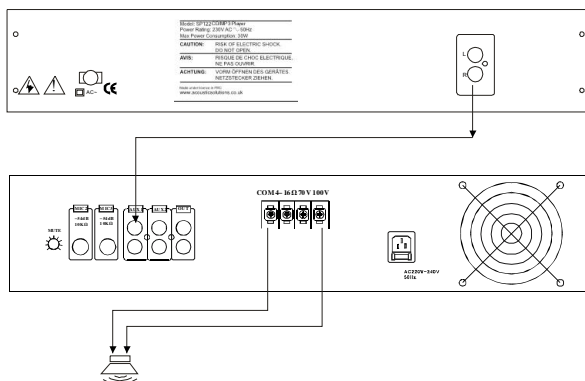


1. Digital button
2. Program button
3. Play/Pause button
4. Previous music / Fast backwards
5. Next music / Fast forwards
6. Stop button
7. Repeat button, repeat to play the music
8. Random button, random to select the music (CD disk with the random function, but MP3 disk without)
9. Eject button
10. Display the remain time of the music

MAKING THE CONNECTIONS

It is necessary to connect this CD player to an external amplifier and loudspeaker set up, (it is not possible to connect loudspeakers directly to this CD player). Connect a pair of phono cables (supplied) from the signal output sockets on the rear of the CE-CD12 to the audio input sockets on the back of your amplifier.

Please see the following diagram which details the required connections:



TROUBLE SHOOTING

| PROBLEM | POSSIBLE SOLUTION |
|-----------------------------------|--|
| No power when switched on | <ul style="list-style-type: none"> * Mains socket not switched on, or faulty. * Plug not fully inserted into wall socket. * Mains fuse has blown in plug. * Internal mains fuse has blown inside unit, this will need to be replaced by a qualified service technician. * Power cord has become damaged, this should be replaced immediately by a qualified service technician. * Power not turned on. |
| No sound | <ul style="list-style-type: none"> * Amplifier not set correctly. * Signal cables not connected between CD and amplifier. * No CD loaded into drawer. |
| The player will not load the disc | <ul style="list-style-type: none"> * Check disc is not loaded upside down. * Check disc is clean and not damaged. |
| The disk is skipping | <ul style="list-style-type: none"> * Check that the disc is not scratched, dirty or damaged. * Ensure that the player is on a firm level service. |
| Loud buzz or hum | <ul style="list-style-type: none"> * Audio connect cables damaged or not correctly connected. * Audio cables have become tangled with mains cables. |

CARE AND MAINTENANCE

To clean this CD player, wipe the case with a slightly moist lint-free cloth. Do not use any cleaning liquids containing alcohol, ammonia or abrasives. Do not spray an aerosol at, or near the CD player.

Always use the original packaging if it is necessary to transport the unit at any time.

If this unit is used in a dusty environment, it may be necessary to have the unit serviced at your local dealer periodically.

It is not advisable to allow large deposits of dust to accumulate within this unit as this may prevent correct cooling.

Similarly dust deposits which become damp can sometimes lead to electrical problems which may cause severe damage to the delicate electronics within this unit.

SPECIFICATIONS

| | |
|--|---|
| OUTPUT VOLTAGE | 1V ± 2dB |
| FREQUENCY RESPONSE (Using 1kHz 0dB as reference) | 20 Hz 0dB -0.5dB ± 1dB 100 Hz 0dB 0dB ± 1dB 10 kHz 0dB -0.5dB ± 2dB 20 kHz 0dB - 3.0dB ± 2dB |
| DE-EMPHASIS RESPONSE | 5 kHz 0dB -4.5dB ± 2dB 16 kHz 0dB -9.0dB ± 3dB |
| CHANNEL BALANCE | Better than 2.0dB |
| SEPARATION | More than 60dB |
| HARMONIC DISTORTION T.H.D + Noise | Less than 0.05% |
| S/N RATIO | More than 85dB |
| PRODUCT PHYSICAL SPECIFICATIONS | |
| Dimensions in mm (LxWxH) | 430x285x80mm |
| Net weight | 5Kg |
| Gross weight | 5.5Kg |

Specifications are subject to change without notice .



**CAUTION:Do not open the equipment cover arbitrarily,
so as not to electric shock.Please contact the professionals
to maintain if necessary .**

CEOPA corporation
www.ceopa.com