Classé Audio

CRCD

OWNERS MANUAL

Important safety information

Explanation of symbols used in this manual and on the product:

This symbol is intended to alert the user to the presence of uninsulated dangerous voltages within the enclosure of sufficient magnitude to cause electric shock.

This symbol is intended to alert the user to the presence of important maintenance and servicing information in the instruction and service manuals.

CAUTION
TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE THE COVER.

NO USER SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: SHOCK HAZARD. DO NOT OPEN.
AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR.

CAUTION: REPLACE FUSE WITH SAME TYPE AND RATING.
ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MÊME TYPE.

DISCONNECT SUPPLY CORD BEFORE CHANGING FUSE.
ATTENTION: DEBRANCHER AVANT DE REMPLACER LE FUSIBLE.

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

MAINS PLUGS
This appliance is supplied with a non-rewireable mains plug for the intended country.

Replacement mains leads can be obtained from your Classé retailer. Should you need to change the plug please dispose of it carefully.

A plug with bared conductors is dangerous if engaged in a live socket.

The Brown wire must be connected to the Live (Line) supply pin.
The Blue wire must be connected to the Neutral supply pin.
The Green/Yellow wire must be connected to the Earth (Ground) supply pin.

Please contact your retailer or a competent electrician if you are in any doubt.

GENERAL SAFETY INSTRUCTIONS

1. Read instructions. Read the safety and operating instructions before operating the appliance.
2. Retain instructions. Retain the safety and operating instructions for future reference.
3. Heed warnings. Observe all warnings on the appliance and in the operating instructions.
4. Follow instructions. Follow all operating and use instructions.
5. Water and moisture. Do not use the appliance near water, for example near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
6. Carts and stands. Use only with a cart or stand that is recommended by the manufacturer.

6a. An appliance and cart combination should be used with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

7. Wall or ceiling mounting. Mount to a wall or ceiling only as recommended by the manufacturer.
8. Ventilation. Site the appliance so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. Heat. Site the appliance away from heat sources such as radiators, heaters, stoves, or other appliances (including amplifiers) that produce heat.
10. Power sources. Connect the appliance to a power supply only of the type described in the operating instructions or marked on the appliance.
11. Grounding or polarisation. Do not defeat the safety purpose of the polarised or grounding type plug. A polarised 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. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
12. Power cord protection. Route power cords so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, power sockets, and at the point where they exit from the appliance.
13. Protective attachment plug. As a safety feature the product is equipped with an attachment plug containing overload protection. See the instruction manual about resetting or replacing the plug. Should the plug need replacing ensure that a replacement is used which has the same overload protection as the original.
14. Cleaning. The product should be cleaned only as recommended by the manufacturer.
15. Power lines. An outdoor antenna should be located away from power lines.
16. Outdoor antenna grounding. If an outdoor antenna is connected to the tuner/receiver ensure that the antenna system is grounded to provide some protection against voltage surges and static build up.

    In the USA see article 810 of the National Electrical Code ANSI/NFPA 70 concerning installation requirements.
17. Unplug this apparatus during lightning storms or when unused for long periods of time.
18. Objects and liquid entry. Take care not to let objects or liquids fall into the product.
19. Damage requiring service. The product should be serviced by qualified personnel if:
    a) The power cord or plug has been damaged.
    b) Objects or liquid have fallen into the product.
    c) The product has been exposed to rain.
    d) The product does not appear to operate normally or exhibits a marked change in operation.
    e) The product has been dropped or the enclosure damaged.
20. Servicing. Don't attempt to service the product beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

UK USERS PLEASE READ THIS IMPORTANT SAFETY INFORMATION

Fuse replacement

This appliance is fitted with a non-rewireable 13 Amp mains plug. The plug contains a 5 Amp fuse. If the fuse has blown it can be replaced as follows:

a) Pull out the red fuse cover/carrier.

b) Remove and dispose of the blown fuse.

c) Fit a new 5 Amp BS1362 approved fuse into the carrier and push the carrier back into the plug.

Always ensure the fuse cover is fitted. If the fuse cover is missing do not use the plug. Contact your Classé retailer to obtain a replacement fuse cover.

Fuses are for fire protection and do not protect against electric shock.

Mains plug replacement

Should your mains plug need replacing and you are competent to do this proceed as follows. If you are in doubt contact your Classé retailer or a competent electrician.

a) Disconnect the plug from the mains supply.

b) Cut off the plug and dispose of it safely. A plug with bared conductors is dangerous if engaged in a live socket.

c) Only fit a 13 Amp BS1363A approved plug with a 5 Amp fuse.

d) The cable wire colours or a letter will be marked at the connection points of most quality plugs.

   Attach the wires securely to their respective points. The Brown wire must go to the Live pin, the Blue wire must go to the Neutral pin, and the Green/Yellow wire must go to the Earth pin.

e) Before replacing the plug top ensure that the cable restraint is holding the outer sheath of the cable firmly and that the wires are correctly connected.

WARNING

THIS APPLIANCE MUST BE GROUNDED.

Replacing the fuse

Should the mains fuse blow replace it only with an equivalent part. The fuse holder is located just below the mains inlet socket. To replace the fuse disconnect the product from the mains supply. Using a flat blade screwdriver remove and replace the fuse. If the fuse blows a second time there is a fault in the product. Contact your local retailer.

Fuse ratings. See specifications section.

Mains voltage operating range. See specifications section.

Warning!! The power supply may be destroyed if a unit designed for 115V is connected to 230V.

CE Declaration of Conformity

Classé Audio Inc. declares that this product is in conformance with the Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility 89/336/EEC as amended by 92/31/EEC and 93/68/EEC.

The conformity of the designated product with the provisions of Directive number 73/23/EEC (LVD) is proved by full compliance with the following standards:

Standard number	Date of issue	Test type
EN60065	1993	General requirements
		Marking
		Ionizing
		Heating under normal conditions
		Shock hazards under normal operating conditions
		Insulation requirements
		Fault conditions
		Mechanical strength
		Parts connected to the mains supply
		Components
		Terminal devices
		External flexible cords
		Electrical connections and mechanical fixings

The conformity of the designated product with the provisions of Directive number 89/336/EEC (EMC) is proved by full compliance with the following standards:

Standard number	Date of issue	Test type
EN55013	1994	Conducted emissions
EN55013	1994	Absorbed emissions
EN60555-2	1987	Harmonics
EN60555-3	1987	Voltage fluctuations
EN55020	1994	Immunity

FCC notice

NOTE: 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 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.

Contents

Introduction 1
About the CRCD 2

Setting up the CRCD 4
Unpacking 4
Positioning 6
Connecting 7

Using the CRCD 9
Using the front panel 9
Using the handset 10
Switching on and off 11
Display information 12

CD Functions 13
Playing a disc 13
Skip and search 14
Direct track number selection 15
Repeat play 16
Programming 17
Advanced CD functions 19

Tuner Functions 21
Manual tuning 22
Search/Scan 22
Presets 23
Advanced Tuner functions 24

Amplifier Functions 25
Record function 27

Contents, continued

Clock/Alarm/Timer Functions **28**
Setting the clock 28
Setting the alarm 29
Setting the timer 30

User Options **31**

Maintenance **34**
Technical support 35

Technical Information **36**
Specifications 36

Copyright and acknowledgements

Copyright © Classé Audio Inc.

Classé Audio Inc, 5070 François-Cusson, Lachine, Quebec, Canada, H8T 1B3.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written consent of the publisher.

Printed in Canada.

CRCD is a trademark of Classé Audio Inc.

Classé Part Number: PACK 431

The information in this manual is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Classé Audio Inc. Classé Audio Products Limited assumes no responsibility or liability for any errors or inaccuracies that may appear in this manual.

Introduction

First of all, thank you for buying this product.

The CRCD independent CD/Tuner/Control/Power Amplifier was designed for high sound quality in a compact, versatile and easy to use package. Our original CRCD combined a CD player with a Control and Power amplifier and with recent technology developments, and some ingenuity, we have now also integrated a versatile, great sounding AM/FM tuner.

The CRCD integrates the source, control and playback power amplification components of a hi-fi separates system in one unit. You need only connect a pair of loudspeakers with the cables provided to produce a powerful and truly musical performance to the unique standard of pitch accuracy that you expect from Classé.

Four microprocessors control the internal operation of the CRCD for a unique range of features from such a compact product.

The CD engine uses the latest CD pickup and decoding technology to deliver outstanding audio performance, and a synthesized, low noise tuner module gives precision AM/FM radio reception.

The preamplifier has three external line level inputs and a record output for connection to other sources like a TV or tape deck, and a preamplifier output for connection to other power amplifiers.

The playback section has a high powered amplifier (75W into 4 Ohms) with two sets of speaker sockets for easy connection to two pairs of speakers, or for bi-wiring a single pair.

And also…

Clock/Alarm/Timer functions, so you can use it in the same way you would a standard alarm clock.

A switched mains output, to power another source component, a lamp or even switch on your coffeemaker ready for you waking up in the morning.

Subtle bass and treble controls which can be used to enhance sound when using small loudspeakers or if the CRCD is being used in a small room.

Tape monitor facility taking advantage of high quality ‘three head’ tape recorders.

Configurable user options which will allow you to tailor the operation of the CRCD to your specific needs.

We hope that this compact and independent product will delight you with its high standard of music reproduction, letting you enjoy music in places previously impossible.

Setting up the CRCD

This chapter explains how to unpack your CRCD, and how to set it up with your other hi-fi components.

Unpacking

The CRCD is supplied complete with the following accessories:

- A remote control handset
- AC power cord
- 4 x AAA batteries
- This manual

We recommend you retain the packaging in case you need to transport the CRCD at a later date.

WARNING: Do not connect the mains supply until you have verified that the CRCD is the correct voltage rating for your mains supply.

Voltage: The CRCD is factory set for voltages specific to the mains supply in the country it will be used in.

· 230V for countries with mains supplies between 207V-253V.
· 115V for countries with mains supplies between 103V-126V.
· 100V for countries with mains supplies between 90V-110V.

Replacing the fuses

Before replacing the fuse identify the correct fuse for your local voltage:

- 100V: T6.3A
- 115V: T6.3A
- 230V: T3.15A

The fuse compartment is on the mains inlet module.

Disconnect the mains supply by removing the IEC mains cable from the mains inlet module. Using a flat blade screwdriver remove and replace the fuse. If the fuse blows a second time there is a fault in the product. Contact your local retailer.

Grounding.

This product must be grounded, Use the three wire moulded mains lead supplied. Never use an ungrounded plug or adaptor.

Positioning the CRCD

You can position your CRCD almost anywhere you find convenient, but the following considerations may be useful.

The CRCD can be placed on top of other products, provided you allow plenty of air circulation around components that generate heat, such as power amplifiers.

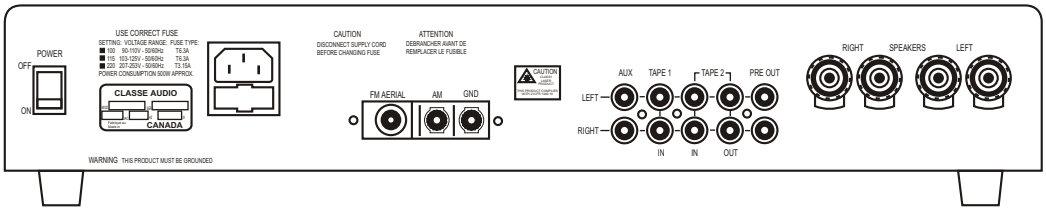
Locating the CRCD for use with the handset

The Classé infra-red remote control system is exceptionally sensitive, and you should be able to operate your CRCD with the handset from almost anywhere in a room. For best results the infra-red sensor on the front panel should be kept out of direct sunlight, and it should not be obscured.

Note that certain types of halogen lamps, and low-energy or fluorescent bulbs, can also interfere with use of the handset if they are near to the CRCD.

Connecting the CRCD

The following diagram shows the rear panel connections of the CRCD.



If the CRCD is to be used as an isolated unit, simply connect the two aerials supplied to the appropriate connections. Then connect a pair of loud speakers with the cables supplied to the left and right speaker outputs. Up to four speakers can be connected.

The following additional connections are available on the rear panel.

AUX

This allows you to connect an auxiliary input to the CRCD amplifier such as the TV.

TAPE 1

This allow you to connect an external tape deck to the CRCD amplifier.

TAPE 2

This allows you to connect an additional tape deck to the CRCD amplifier it also allows outputs from the CRCD amplifier to be recorded.

PRE OUT

This allows the output of the preamplifier to be connected to a separate power amplifier.

Speaker Outputs

These allow four speakers to be connected to the CRCD or allows for the bi-wiring of a single pair.

Switch OFF.

Always switch off all equipment before changing any connections as surges may cause serious equipment damage.

Mains supply.

Connect the mains lead to a suitable grounded power outlet.

Using the CRCD

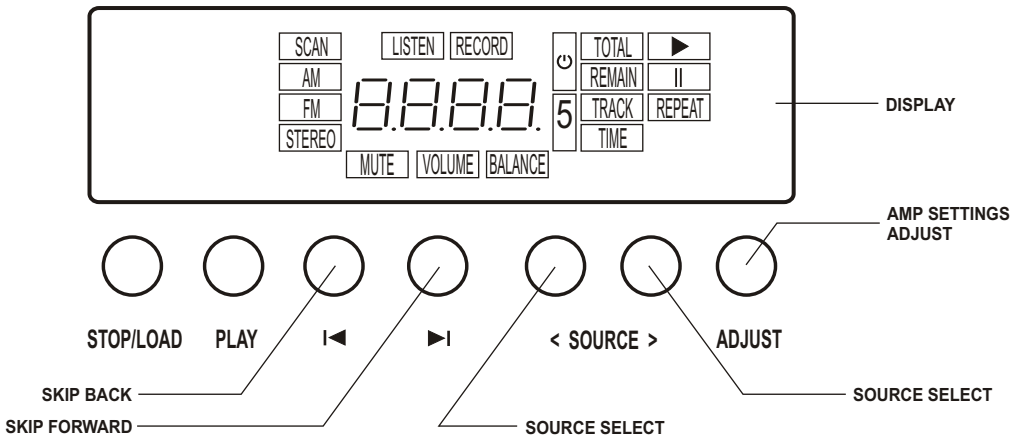
This chapter explains how to use the CRCD.

Using the front panel

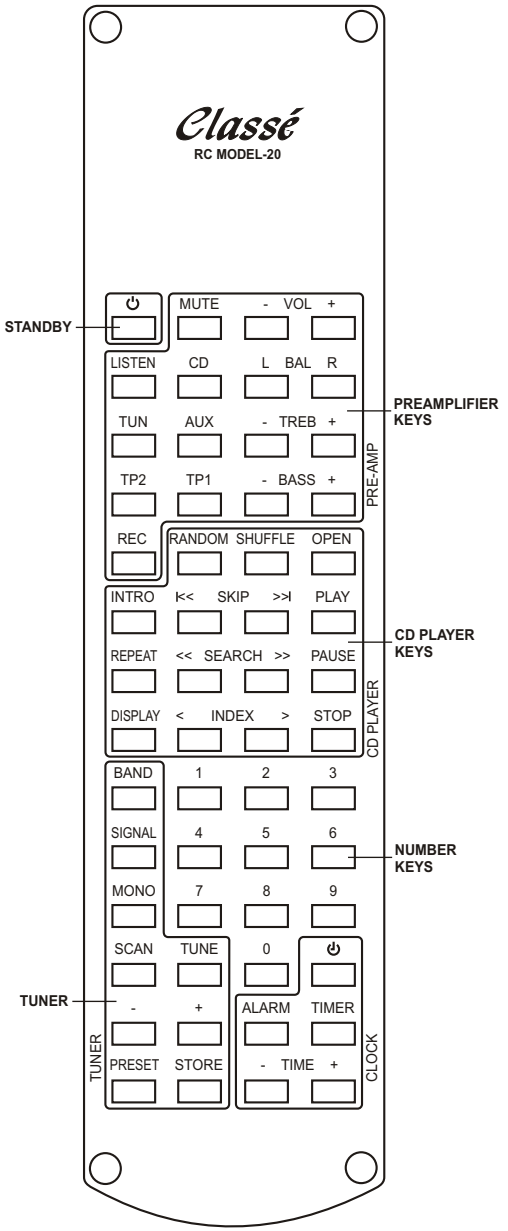
We designed the CRCD to be easy to use. The front panel display gives clear information about what you are doing and, although there are many sophisticated features, all the most commonly used ones require only one or two key presses.

The illustrations on the following pages explain the function of each of the front panel keys, and the meaning of the different parts of the display.

CRCD display and controls



Using the handset



The CRCD is supplied with a remote control handset which provides access to all of the functions available from the front panel. In addition it provides several more advanced features, including selecting tracks by number and programming a selection of tracks.

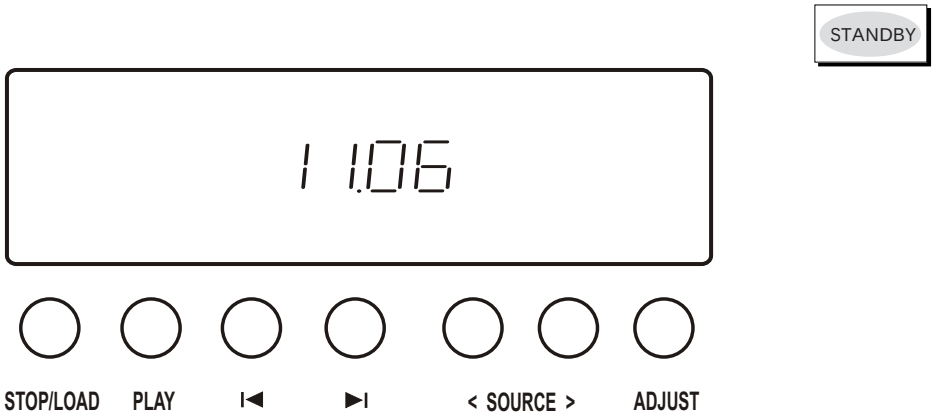
The keys are arranged into logical groups, for ease of use, and the illustration opposite shows the function of each group of keys.

Note that the number keys operate the CD or tuner, depending on which one was last controlled by the handset. If the number keys appear not to work press one of the CD or tuner control keys.

Switching on and off

Press the standby button on the front panel. The time will appear on the display whenever power is applied.

The power up state can be changed in *User Options.*



CRCD operation

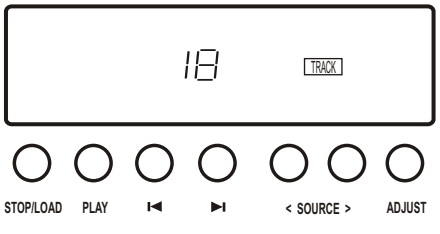
The next few pages show how to operate the CRCD. The illustrations show the CRCD front panel. A small insert shows the appropriate remote control handset button to operate the CRCD.

CD Functions
Display information

The display on the CRCD can show the following information by pressing the **DISPLAY** handset button.

Display	Description	Example
TRACK+INDEX	Track and index number.	
	No disc present.	00
	Disc is playing.	3 1
	Disc is stopped.	16
TRACK TIME	Time from the start of	0.38
	the current track.	
REMAIN TRACK TIME	Time remaining for the	1.25
	current track.	
TOTAL TIME	Time from the start of the disc.	25.14
TOTAL REMAIN TIME	Time remaining for the disc.	12.54

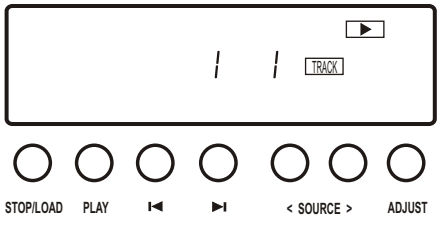
Playing a disc



Open the drawer

You can close the drawer by gently nudging it or by pressing **LOAD** again.

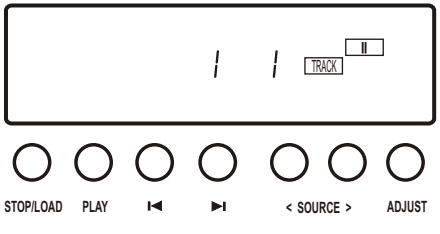
LOAD



Press **PLAY**

To change the display see the previous page.

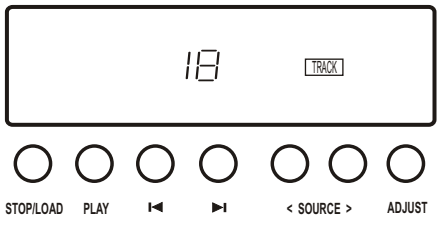
PLAY



Press **PAUSE**

To continue playing press **PAUSE** again, or **PLAY**.

PAUSE

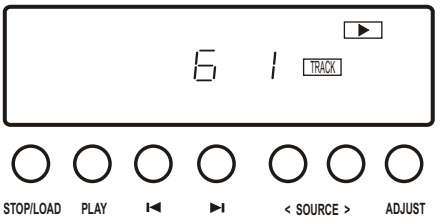


Press **STOP**

When stopped the display shows the number of tracks on the disc.

STOP

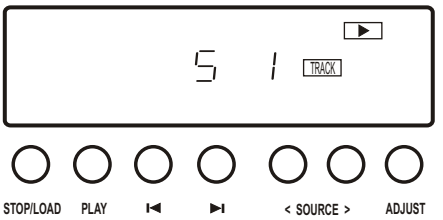
Skip and Search



Press **SKIP** forward.

Skip to the start of the next track.

SKIP

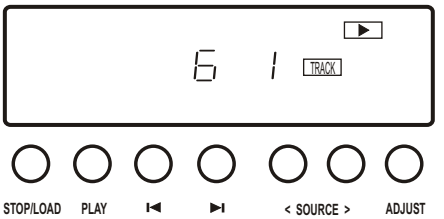


Press **SKIP** backward.

First press skips to the start of the current track.

Further presses skip back through the disc.

SKIP

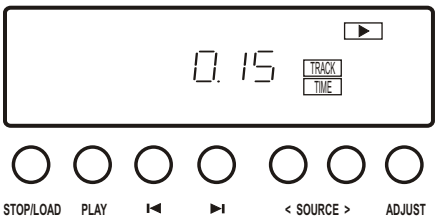


Press **SEARCH** forward.

Press **DISPLAY** to show the disc time.

SEARCH

DISPLAY



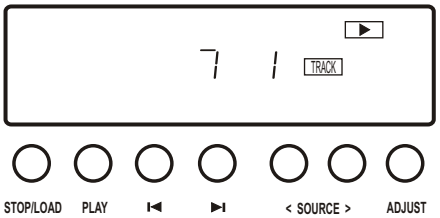
Press **SEARCH** backward.

Press **DISPLAY** to show the disc time.

SEARCH

DISPLAY

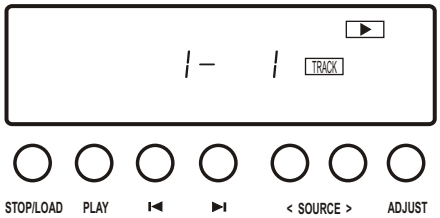
Direct track number selection



The CD player can be playing, stopped or open.

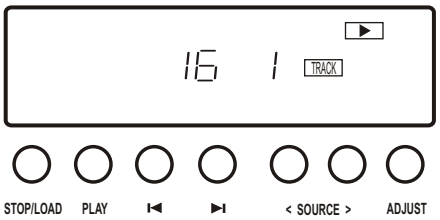
Press the number of the required track on the handset. The selected track will play immediately.

Note: If the track is not selected press any CD control button on the handset to tie the numbers to the CD player.



To select a two digit track number press the first digit and hold for two seconds.

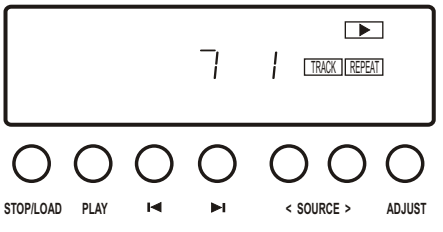
1



Press the second digit. The selected track will play immediately.

6

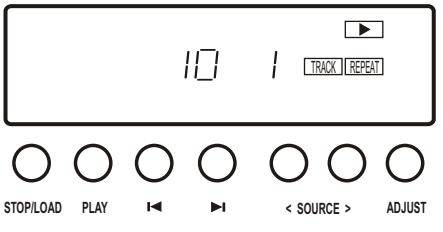
Repeat Play



Press **REPEAT** once.

This will repeat the entire disc or choose the start point for a section repeat.

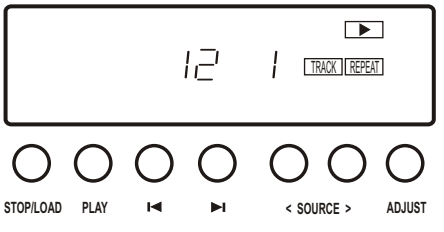
REPEAT



Using **SKIP** or **SEARCH** or the handset select the end of the section to repeat.

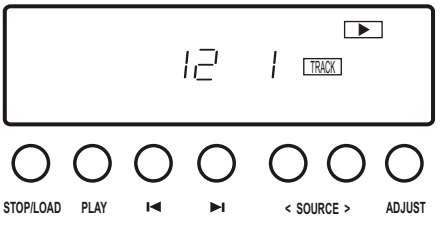
SKIP SEARCH

0...9



Press **REPEAT** a second time to store the end of section repeat.

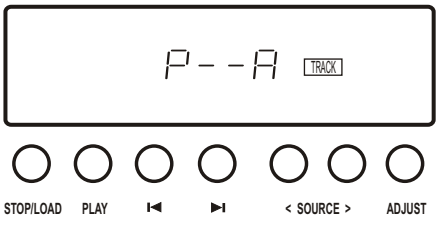
REPEAT



Press Repeat a third time to cancel all repeats.

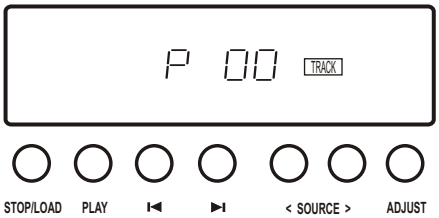
REPEAT

Programming a selection of tracks (programme mode A)

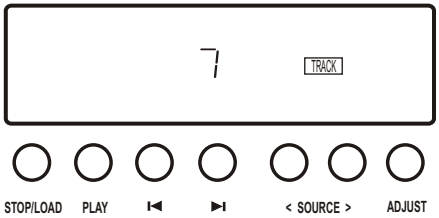


Load a disc and press **OPEN**. Wait until the display shows the disc time then the number of tracks. Press and hold **DISPLAY** for one second. Holding for longer will enter programme mode B.
To start again press **OPEN**.

DISPLAY



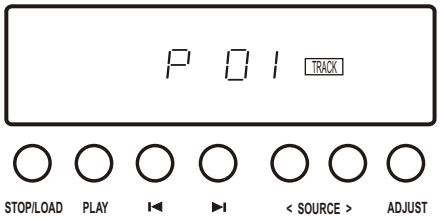
Ready to programme.



Using **SKIP** or the handset select the first track to play.

SKIP

0...9



Press **DISPLAY** to save this programme step. Using **SKIP** or the handset repeat for all chosen tracks then press **PLAY**.

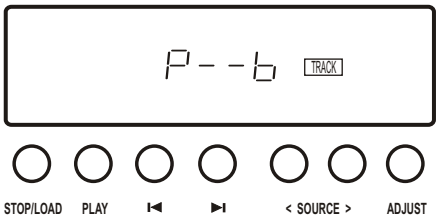
Open the drawer to clear the programme.

SKIP

0...9

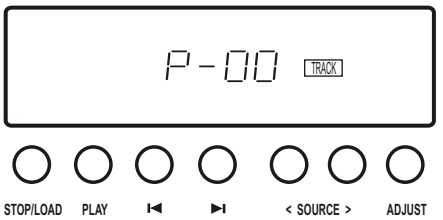
DISPLAY

Programming excluding of tracks (programme mode B)

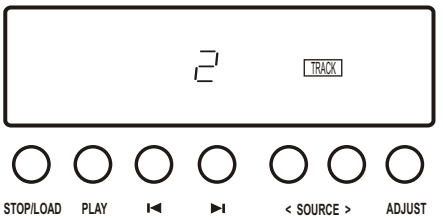


Load a disc and press **OPEN**. Wait until the display shows the disc time then the number of tracks. Press and hold **DISPLAY** for two seconds. To start again press **OPEN**.

DISPLAY



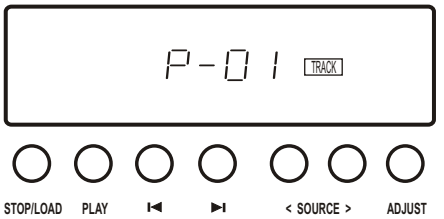
Ready to programme.



Using **SKIP** or the handset select the first track to exclude.

SKIP

0...9



Press **DISPLAY** to save this programme step. Using **SKIP** or the handset repeat for all chosen tracks then press **PLAY**.

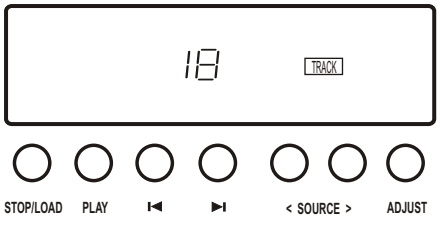
Open the drawer to clear the programme.

SKIP

0...9

DISPLAY

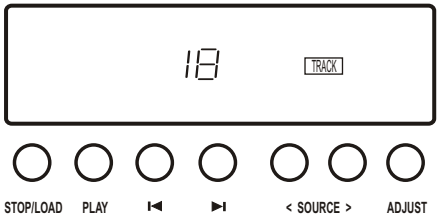
Advanced CD functions



Random play mode. This will play and repeat all the tracks on the disc in random order.

The random play mode can start from open, stopped or playing. The play list takes several seconds to create, please wait.

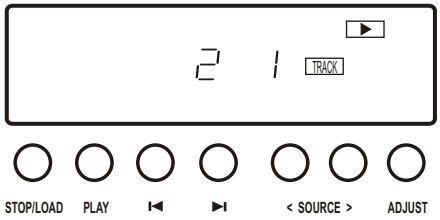
RANDOM



Shuffle play mode. This will play all the tracks on the disc once, in random order.

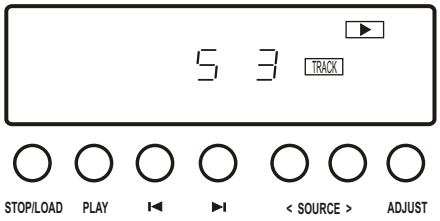
The shuffle play mode can start from open, stopped or playing. The play list takes several seconds to create, please wait.

SHUFFLE



Intro play mode. This will play the first ten seconds of each track on the disc in sequence. Press **PLAY** to listen to the selected track.

INTRO

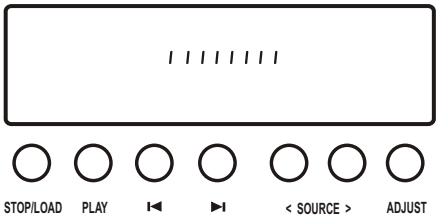


Index points. Some classical discs have index points, for example to make it easier to find the start of a movement.

INDEX

◄ ►

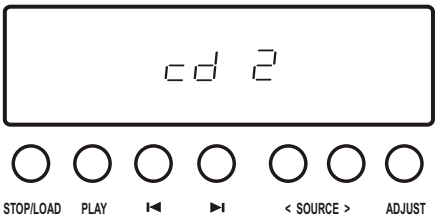
Advanced CD functions, continued



If your handset does not have **RANDOM**, **SHUFFLE** and **INTRO** buttons press and hold the **PLAY** button. The count-up graphic will show when you **press and hold** the **PLAY** button.

Note: All future press and hold commands will result in the count-up graphic being shown.

PLAY



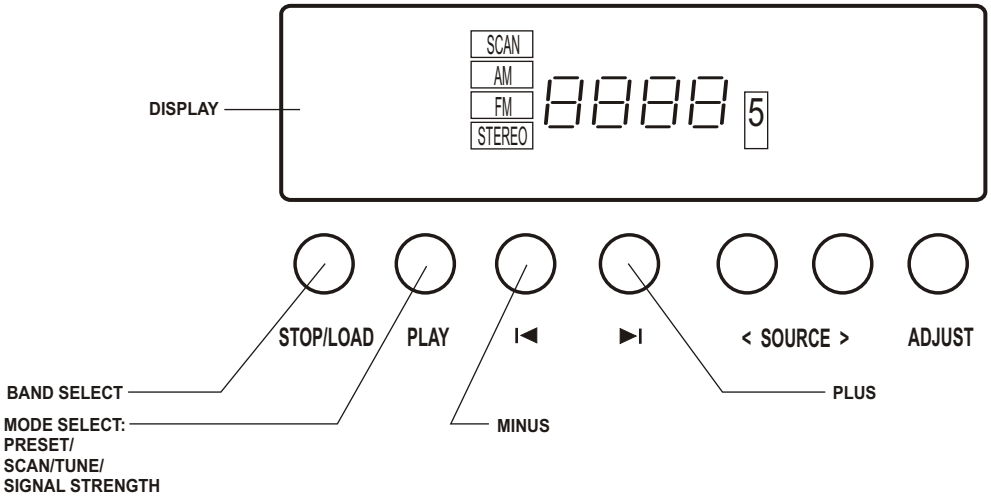
Press 1 on the handset to enter **INTRO SCAN** mode.

Press 2 on the handset to enter **SHUFFLE** mode.

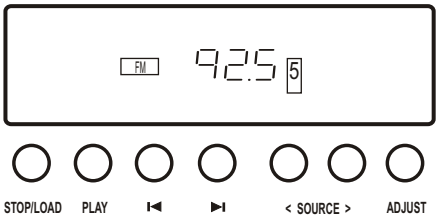
Press 3 on the handset to enter **RANDOM** mode.

INTRO 1 SHUFFLE 2 RANDOM 3

CRCD display and controls
Tuner functions



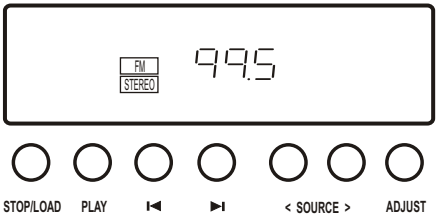
Manual Tuning



Tuning mode. Press **TUNE** key on handset.

Then select band**.**

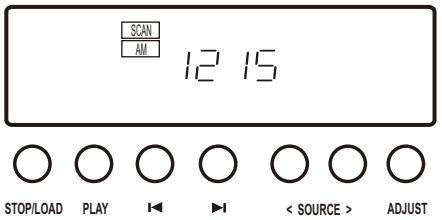
TUNE BAND



Tune to desired station.

0...9 + –

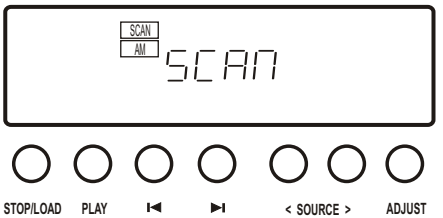
Search/Scan



Search mode. Press **SCAN** key on the handset.

Search through the channels.

\+ –



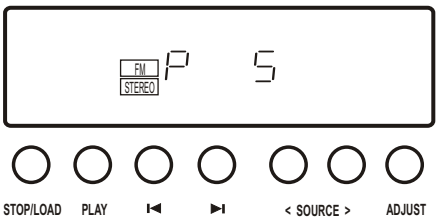
Scan mode. Press **SCAN** key on the handset.

Press and hold the scan key on the handset for a second time, until scan is shown.

The CRCD will scan all stations pausing at each for 5 seconds.

SCAN + –

Presets

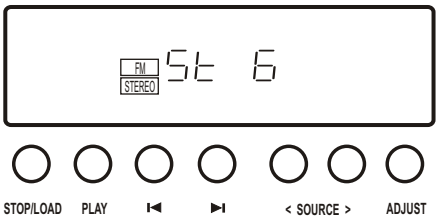


Select presets. Press **PRESET** on the handset.

Key in the preset required

To clear a preset select preset to be cleared then press and hold **PRESET** button

PRESET + – 0...9



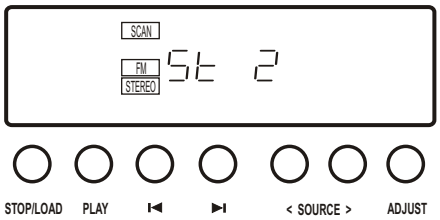
Storing presets. Select station to be stored.

Press **STORE** on handset.

Key in the preset number to store under.

Press **STORE** on handset.

STORE + – 0...9



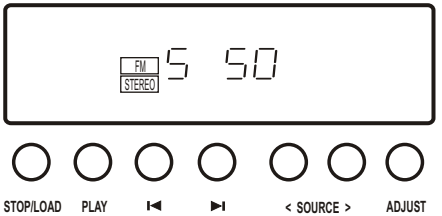
Auto store. Press **STORE** on handset.

Press and hold the **STORE** key until auto store begins.

To skip past 5 second pause and still store press +

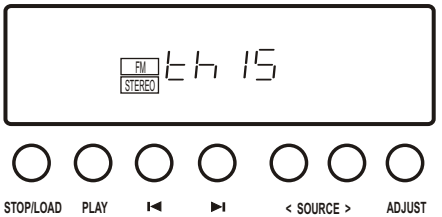
To skip past 5 second pause and not store press –

Advanced Tuner functions



Signal strength. Press **SIGNAL** on handset or **MODE SELECT** on front panel.

A range of 0 to 50 is shown, 50 being the strongest signal. This is useful when positioning the aerial.



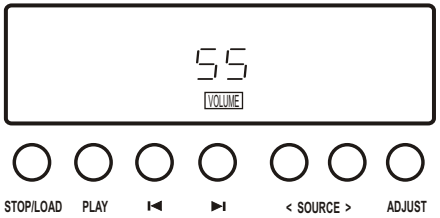
Mute threshold. This allows weak signals to be rejected during scanning/searching mode. Set between 1 (receive all signals) and 50 (receive strongest only).

Press **SIGNAL** on handset.

Press and hold **SIGNAL** on handset to enter mode.

SIGNAL + − 0...9

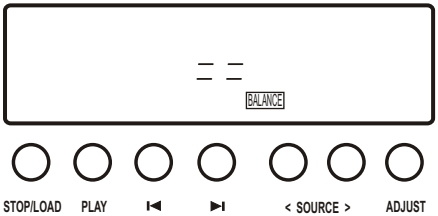
Amplifier functions



Increase and decrease volume.

VOLUME

+ –

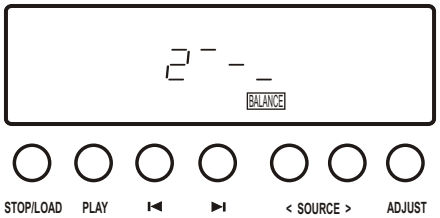


Balance adjustment.

Press the **ADJUST** button until the adjacent display is shown.

BALANCE

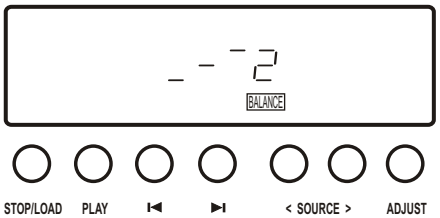
L R



Move balance left.

BALANCE

L

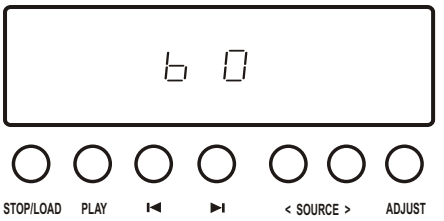


Move balance right.

BALANCE

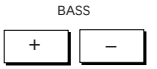
R

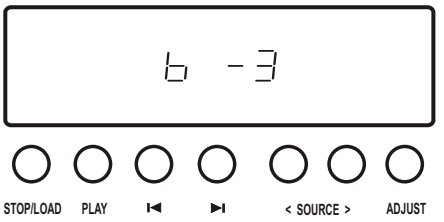
Amplifier functions, continued



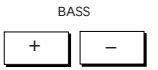
Bass adjustment.

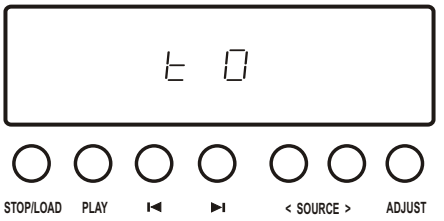
Press the **ADJUST** button until the adjacent display is shown.





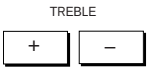
Adjust the bass level up or down.

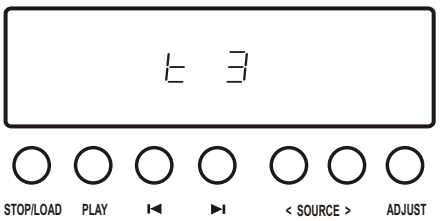




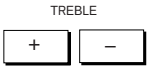
Treble adjustment.

Press the **ADJUST** button until the adjacent display is shown.

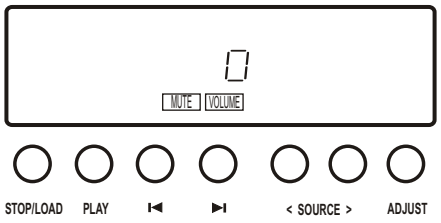




Adjust the Treble level up or down.

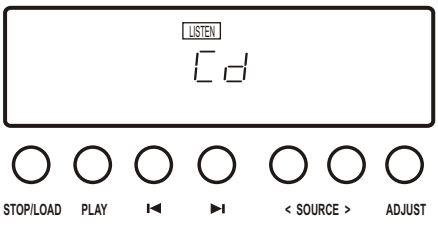


Amplifier functions, continued



Mute the output.

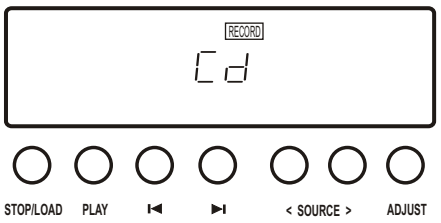
MUTE



Select source.

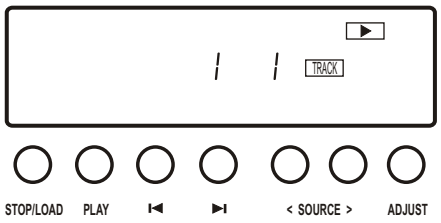
CD TUN AUX TP1 TP2

Record function



Select source to be recorded.

CD TUN AUX TP1

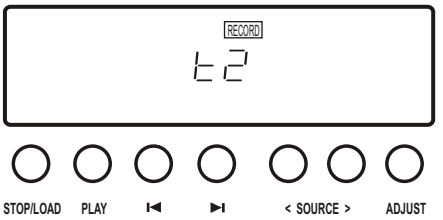


Press play on CD or tape.

Press **REC** on handset.

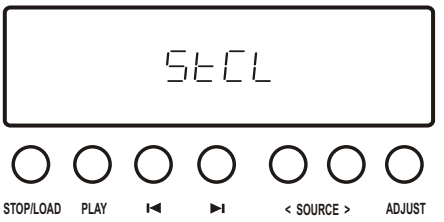
REC

Record function, continued



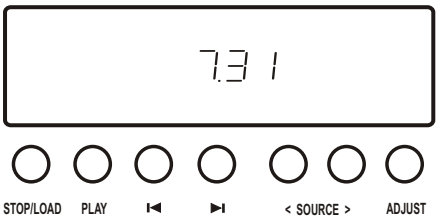
Press **TP2** on handset to toggle between the source of the recording and the recording destination.

Alarm functions



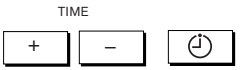
Setting the clock.

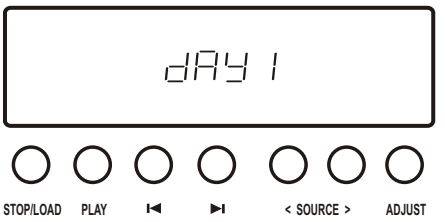
Press and hold the **CLOCK** key on handset until the adjacent display is shown.



Press **TIME+/TIME–** button to set hour. Press **CLOCK** to store.

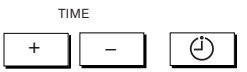
Press **TIME+/TIME–** button to set minute. Press **CLOCK** to store.



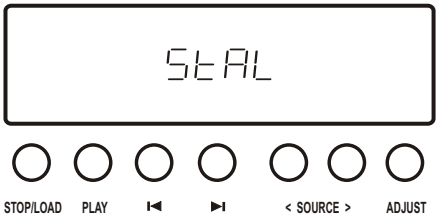


Press **TIME+/TIME–** button to set day. Press **CLOCK** to store.

(Suggest day one stored as Sunday)



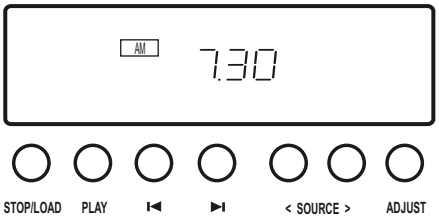
Alarm functions, continued



Setting the alarm.

Press and hold the **ALARM** key on handset until the adjacent display is shown.

ALARM



Press **TIME+/TIME–** button to set hour. Press **ALARM** to store.

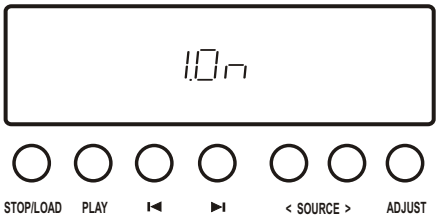
Press **TIME+/TIME–** button to set minute. Press **ALARM** to store.

Select source. If CD or tuner, select track/preset.

Set volume when prompted.

TIME

\+ – ALARM



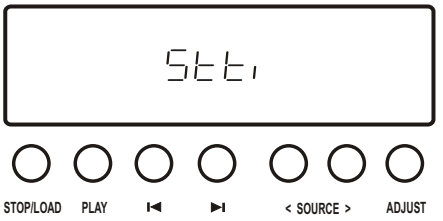
Press **TIME+/TIME** to toggle alarm on and off. Press **ALARM** button to change day.

TIME

\+ – ALARM

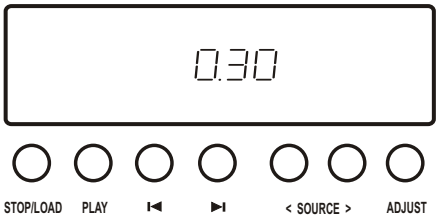
Note: When the unit is put into standby and the alarm has been successfully set the clock graphic will be seen on the display.

Alarm functions, continued



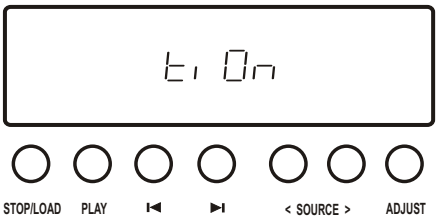
Setting the timer.

Press and hold the **TIMER** key on handset until the adjacent display is shown.



Press **TIME+/TIME–** button to set timer duration.

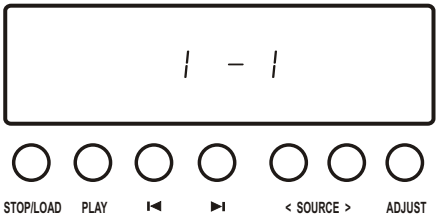
Press **TIMER** to store.



Timer successfully set.

Note: When the timer has been successfully set the clock graphic will flash on the display.

User Options

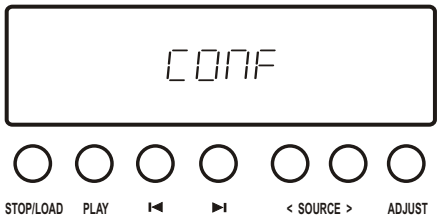


To enter user option mode.

Switch the power on while holding the **VOL–** button for twelve seconds. When mode entered adjacent display can be seen.

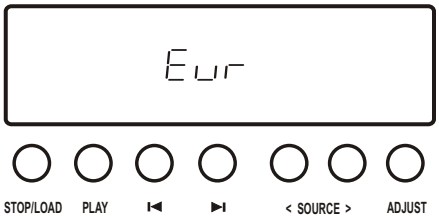
VOL– selects the options, **VOL+** changes its value. (See table).

To exit, press and hold **VOL–** for five seconds.



Factory default settings.

Switch the power on while holding the **VOL+** button for ten seconds.



Select the area the tuner will operate in, Europe, Japan or USA.

Press any other key button on front to store.

User Options, continued

The CRCD includes a number of user options to allow you to change the way it operates to suit your personal preferences.

Number	Name	Description	Values
U1	Sleep Display	Enable sleep display after 20 seconds.	0 = On 1 = Off
U2	Standby Display	Define display when product is in standby mode.	0 = '...' 1 = Time 2 = Time/next alarm day
U3	Clock Display	Define clock display in 12 or 24 hour clock notation.	0 = 12 Hour 1 = 24 Hour
U4	Power up mode	Define initial state of product when turned on by main power switch.	0 = Standby 1 = Operational
U5	Power up CD	Start playing CD upon entering operational mode.	0 = Disabled 1 = Enabled
U6	CD Settings	Save CD settings each time the product is turned off, reloading them each time the product is turned on.	0 = Disabled 1 = Enabled

User Options, continued

Number	Name	Description	Values
U7	Amp Memory	When power on ... Grouped: All Sources use the same volume, balance, bass and treble settings. Individual: Each source has its own individual volume, balance, bass and treble settings.	0 = Grouped 1= Individual
U8	Amp Settings	Retain: Save settings each time product is turned off, reloading them each time the product is turned on. Defaults: Do not save settings, and use last saved settings as defaults.	0 = Retain 1 = Default
U9	Mute Speed	Speed of muting when switching sources.	0 = Slow 1 = Medium 2 = Fast
U10	Unity Gain	Disabled: Unity gain is off. Enabled: Unity gain for AUX is enabled	0 = Disabled 1 = Enabled
U11	Alarm Mode	Manual: Time, source, track (if CD), preset (if Tuner), volume and alarm days must be specified by user. Auto: time and alarm days must be specified by user. Source, volume etc. set to last settings before last power down.	0 = Manual 1 = Auto

Maintenance

CD handling

Hold the compact disc by the edge so you don't touch the playing surface. Don't attach paper or tape to either side of the disc. Never attempt to play a cracked or badly warped disc; it may damage the CD player laser.

Cleaning.
To remove fingerprints or other marks lightly wipe the disc with a soft cloth from the centre of the disc outwards. Dampen the cloth for more persistent marks then dry with a soft cloth.

Storage.
Don't leave discs in the player. If they're not being played put them back in their cases.

Servicing

Like all our products the CRCD is designed for a long life. Any servicing should be carried out only by an authorised retailer.

Cleaning.
Dust and finger marks can be removed using a soft damp cloth. Switch the unit off before cleaning. Avoid the use of domestic cleaning products.

Technical support

For technical support, product queries and information please contact either your local retailer or:

Classé Audio Inc.
5070 François Cusson
Lachine
Quebec H8T 1B3
Canada
Phone: (514) 636-3684
fax: (514) 636-1428

email: cservice@classeaudio.com
website: http://www.classeaudio.com

Technical information

CRCD Specifications

General

Dimensions:	80mm H x 320mm W x 325mm D
Weight:	6Kg
Power Consumption:	325W Maximum in normal operating mode 25W Typical use <3W in standby state
Main Suppy Fuse:	100V T6.3A Anti-surge 115V T6.3A Anti-surge 230V T3.15A Anti-surge
Main Supply:	Nominal Voltage ± 10%

CD Engine

Focus System:	Triple beam laser pickup
Conversion Technology:	Delta Sigma

Tuner

Tuning Range:	USA:	FM 87.5 to 108.5MHz AM 530 to 1730kHz
	Japan:	FM 77.5 to 108.5MHz AM 530 to 1730kHz
	Europe:	FM 87.5 to 108.5MHz AM 522 to 1611kHz
Tuning Resolution:	FM	TUNE mode: 50kHz
	FM	SCAN mode: 100kHz
	AM	TUNE mode: 1kHz
	AM	SCAN mode: 10kHz USA and Japan 9kHz Europe

CRCD Specifications, continued

Tuner continued	
Presets:	80 user definable presets.
Signal Strength:	0 to 50 scale
Mute Threshold:	1 to 50 scale

Preamplifier	
Inputs:	AUX/Tape 1/Tape 2: -10dBV (sensitivity) 10kΩ (load)
Outputs:	Tape output: equal to AUX input level Output impedance: 100Ω Pre-amp output: track volume-∞ to +10dB Output impedance: 150Ω Minimum load on outputs: 5kΩ
Headphone:	Output impedance: <8Ω Output level: same as pre-amp output Output current limit: 60mA Load impedance: 8Ω to 2kΩ

Power Amplifier	
Voltage Gain:	28.5dB
Power Output:	75W per channel into 4Ω (nominal mains)