CD-4.2

DUAL CD-PLAYER WITH ANTI-SHOCK

170.631 CD-4.2 DUAL CD-PLAYER WITH ANTI-SHOCK

OWNERS MANUAL

CITRONIC™

Important Safety Information

<u>**Warnings:**</u>
To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
To reduce the risk of electric shock, do not remove the cover (or back). There are no serviceable parts inside.
Always refer servicing to qualified service personnel.
<u>**Cautionary Notes:**</u>
- Handle the power supply cord carefully. Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.
- In order to prevent electric shock, do not open the top cover. If a problem occurs, contact your dealer.
- Do not place metal objects or spill liquid inside the cd player. Electric shock or malfunction may result.
- Any use of the controls, or any adjustment, or the performance of any procedure other than those specified herein may result in hazardous radiation exposure.
- The compact disc player should not be opened or repaired by anyone except properly qualified service personnel.
- Double insulated - when servicing, use only identical replacement parts.

<u>**Important Information:**</u>
- The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
- 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.
- This CD player uses a semiconductor-based laser. To allow you to enjoy music in a stable manner, it is recommended to operate the appliance between 41°f-95°f (5°c-35°c).
- This unit may cause interference to radio and television reception.

Caution

To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

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Safety Instructions

All the safety and operating instructions should be read before the appliance is operated.

1. Retain Instructions - The safety and operating instructions should be retained for future reference.
2. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.
3. Follow Instructions - All operating and use instructions should be followed.
4. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.
5. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
6. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
7. Ventilation - The appliance should be situated 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.
8. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
10. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.
11. Power - Cord Protection - Power - supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord in correspondence of plugs, convenience receptacles, and the point where they exit from the appliance.
12. Cleaning - The appliance should be cleaned only as recommended by the manufacturer. Clean by wiping with a cloth slightly damp with water. Avoid getting water inside the appliance.
13. Disconnect power cord before servicing.
14. Replace critical components only with factory parts or recommended equivalents.

15. For AC line powered units - Before returning repaired unit to user, use an ohm - meter to measure from both AC plug blades to all exposed metallic parts. The resistance should be more than 100,000 ohms.
16. Non - use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
17. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
18. Damage Requiring Service - The appliance should be serviced by qualified service personnel when;
    • The power supply cord or the plug has been damaged; or
    • Objects have fallen, or liquid has been spilled into the appliance; or
    • The appliance has been exposed to rain; or
    • The appliance does not appear to operate Normally or exhibits a marked change in performance; or
    • The appliance has been dropped, or the enclosure damaged.
19. Servicing - The user should not attempt any service to the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.
20. Ventilation - The appliance should be situated so that the 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.
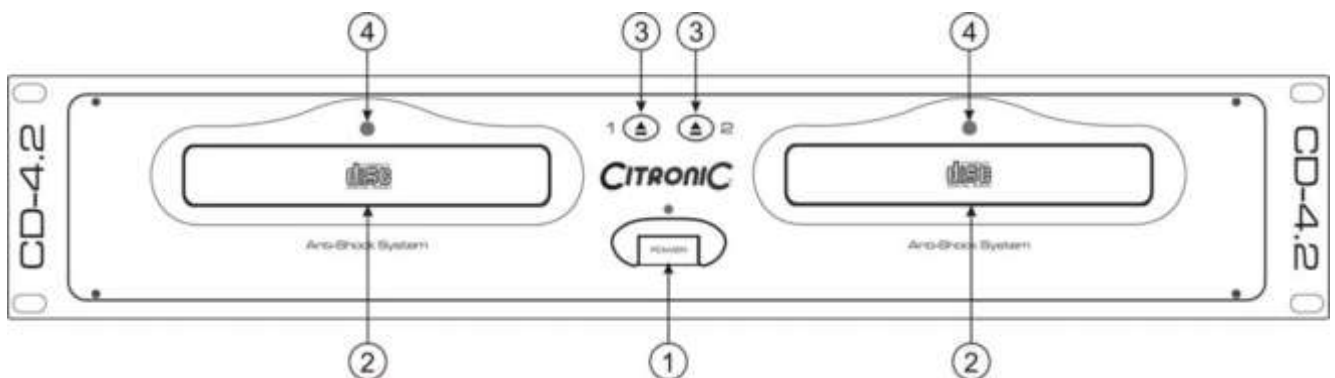21. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.

Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
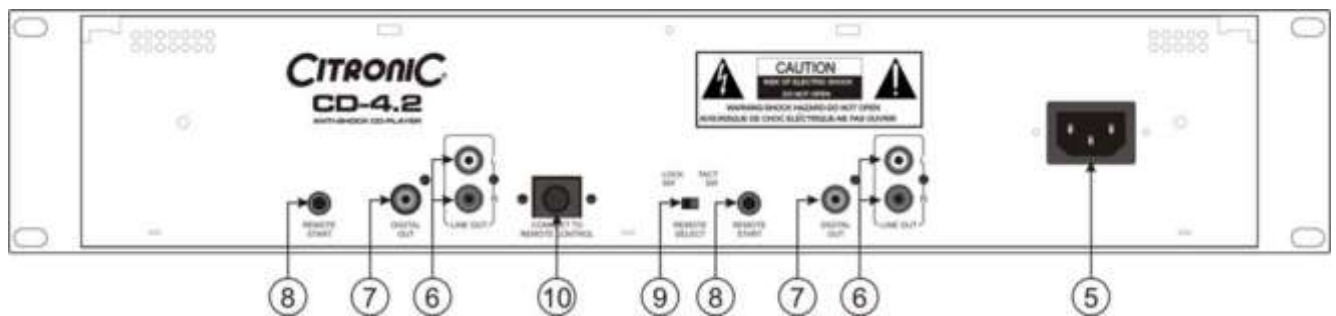
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Main Features

- 10 seconds of anti-shock memory per deck
- Instant start
- Seamless loop (uninterrupted loop playback)
- Auto cue function
- Real-time cue
- Pitch range: ±8%, ±16%
- Large LCD screen with wide angle view
- Pitch display
- Selectable elapsed, remain, total remain time display
- Single / continuous play modes
- Relay play allows consecutive playback during two decks
- Program facility up to 30 tracks
- Frame search
- Fast search mode
- S/PDIF digital audio RCA coaxial
- Fader start, Fader stop, (back cue), Tact lock option
- Laser saving sleep mode after 30 minutes unused
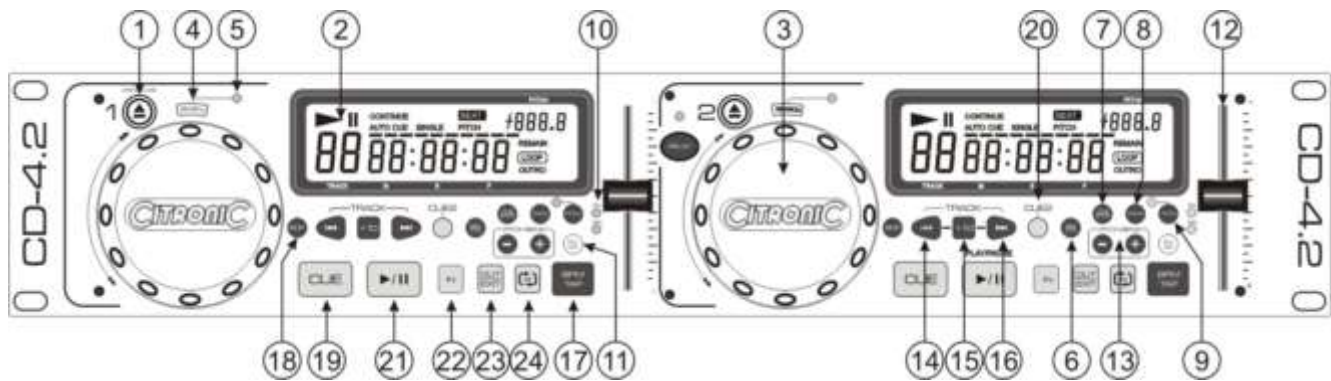
Features & Functions
Main Unit

1. **Power Switch**
   When the power switch is pressed, the power turns on.
2. **Disc Holder**
   Place the discs in the holder. Press the OPEN/CLOSE (3) button to open and close the disc holder.
3. **Open/Close ⏏**
   Press it to open and close the disc holder. The control unit also includes OPEN/CLOSE button. The disc holder cannot be opened during playback, so stop playback before pressing the button.
4. **Disc Light**
   A bright LED to help with loading of discs in a dark environment.

5. **AC Connection**
   This connection accepts a standard UK IEC connection power lead.
6. **Line Out L & R**
   The audio signals from each player are output from these jacks. Connect these to a Line or CD input of your mixer.
7. **Digital Output**
   The music-signal of this socket is digital. Connect the output to the respective input of a digital amplifier or mixer for example.
8. **Remote Start**
   These sockets are to connect to a mixer using a 3.5mm jack plug to give remote start capability. When the switch contacts are shorted the respective unit will play, and similarly when the switch contacts are open the player will be in pause mode.
9. **Tact-Lock Option**
   Select the type of switch in the mixer for Remote start compatibility.
10. **Remote Control Connector**
    This 8-pin terminal connects to the remote control unit with the supplied cord.

Features & Functions
Control Unit

1. **Open/Close ⏏**
   Press it to open and close the disc holder. The main unit also includes OPEN/CLOSE buttons. The disc holder cannot be opened during playback, so stop playback before pressing the button.
2. **LCD Display**
3. **Jog Wheel**
   The jog wheel is multi functional. When in pause mode turning the jog wheel will search the CD frame by frame in 1 second increments, pressing the Search button (4) will allow the jog wheel to fast search the CD in 15 second increments. When in play mode and search in off position the jog wheel can be used to pitch bend. Pressing the Search button will allow the jog wheel to skip through the track playing.
4. **Search Button**
   Activating this button see indicator (5) will allow the jog wheel to be used to fast search in 15 second increments.
5. **Search LED**
   When lit this indicates that fast search mode is selected.
6. **SGL/Cont/Outro (Single/Continuous)**
   Press this button to select single play mode where the CD will stop at the end of the track or continuous play where the CD will continuously play through each track in the CD. The selection is indicated on the LCD display. Pressing the button for 3 seconds will put the player in Outro mode where it will only play the last 30 seconds of the selected track, this is particularly useful when you need to check how the track ends to mix.
7. **Time/Stop Button**
   This button switches the time display between remaining time, elapsed playing time, and total remaining time. The unit also has a "Stop" feature pressing and holding this button for 3 seconds will stop the CD.
8. **Prog. (Programme) Button**
   To enter programme mode first stop the CD using the stop button (7) pressing the prog button will now enter the player into programme mode. The LCD (2) will flash P-01 using the track search (14 & 16) select the required 1st track press the prog button again to select the track and move to P-02 repeat the process until your selection is complete up to 30 tracks. Now press Play to begin your selection.
9. **Pitch Select Button**
   Use this button to select the pitch range ± 8% or ± 16%
10. **Pitch LED Indicator**
    These LED's indicate which selection has been made using the Pitch select button (9) it also indicates whether the pitch is activated by flashing continuously.
11. **Pitch On/Off Button**
    Pressing this button switches the pitch on and off the pitch LED will be lit when on is selected.
12. **Pitch Slider**
    Use the slider to adjust the CD pitch. Slide up to decrease the pitch, down to increase the pitch.
13. **Pitch Bend Buttons**
    Pressing these buttons will increase '+' or decrease '-' the pitch of the CD playing when the button is released the pitch returns to normal as determined by the pitch slider (11).
14. **Skip ⏮ Button**
    Use this button to go back to the beginning of the current track or select a previous track for playing.
15. **+10 Button**
    Use this button to skip 10 tracks forward.
16. **Skip ⏭ Button**
    Use this button to select the next track for playing.
17. **BPM Button**
    This button allows you to manually set the tracks BPM. To set the tracks BPM tap this button a few times to the tracks beat, the unit will translate your taps to BPM which is then displayed in the LCD (2).
18. **BOP Button**

This button can be used to stutter the track by returning it to the set cue point of the main CUE button (19) and continuing playback.

19. Cue Button

Pressing the CUE button during play provides a return to the position at which play was started. If PAUSE is used before CUE or a CUE POINT was set, that will become the cue point. Alternately pressing the Play button and the CUE button allows the CD to be played from the same position any number of times. The CUE Button will light up from the time the CUE button is pressed until the CD has reset to the position at which play was started. Steady lighting of this button indicates the ready condition. The CUE button can be held down to play a CD. When you release the CUE button it instantly returns to the CUE POINT.

20. Cue 1 Button

This button has the same function as (19) but enables the user to set a second cue point on the track.

21. Play/Pause Button

Use this button to start playback. Press once to start playback, once again to set the pause mode, and once more to resume playback.

22. Seamless loop IN Button

This button allows you to set the IN point of a seamless loop, pressing the IN button in pause mode will set the IN point as the CUE point. When an IN point has been set the button will illuminate orange.

23. Seamless Loop OUT/EXIT Button

This button allows you to set the OUT point of a seamless loop. Once the OUT point has been set the unit will enter seamless loop mode, the buttons will flash to indicate that it is in this mode. When in seamless loop mode pressing the OUT/EXIT button will return the unit back to play mode and the buttons will stop flashing but remain lit, this indicates that there is a loop available to use.

24. Reloop Button

If a seamless Loop has been made, but the CD Player is not actively in Seamless Loop mode, press the RELOOP button to reactivate the Seamless loop mode, the seamless loop LED's will flash to indicate a loop is in process.

To exit loop, press the END/EXIT button.

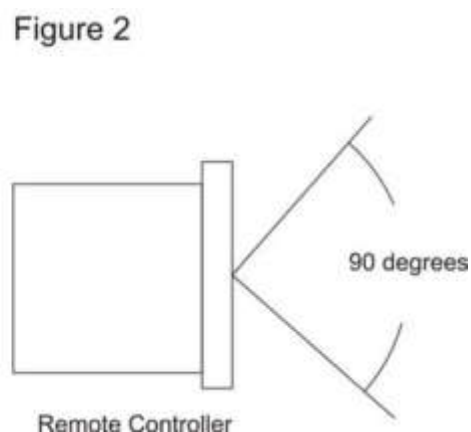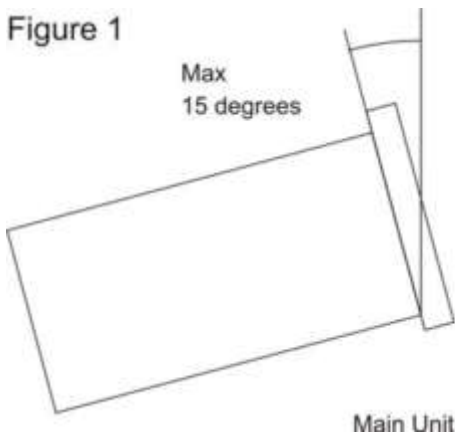When the LOOP start point is set, the LED flashes.

When in LOOP mode, the LED's flash.

Installation Notes

The control unit and player have rack-fixing holes on the front panel to enable them to be easily fitted into a suitable case.

Mounting

The player will work normally when the main unit is mounted with the front panel at within 15 degrees of the vertical plane. If the unit is tilted excessively, discs may not be loaded or unloaded properly.

Figure 1 — Main Unit (Max 15 degrees)
Figure 2 — Remote Controller (90 degrees)

The control panel's LCD's are designed to be clearly visible within the angles shown in Figure 2. Mount the control unit so that the visual angle is within this range.

Connections

1. Turn off the POWER switch.
2. Connect the RCA phone jack (phono) cable to the input on your mixer.
3. Connect the control cords to the REMOTE connector on the main unit.

CAUTION:

- Be sure to use the supplied control cords. Using another type of cable may result in damage.

Be sure the power is off when connecting the control cords. Otherwise the units may not work properly.

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Opening and Closing the Disc Holder

Turn the unit power on. Press the OPEN/CLOSE button to open the disc holder. OPEN/CLOSE buttons are provided on both the main unit and control unit.

The disc holder cannot be opened during playback to prevent playback from being interrupted if the OPEN/CLOSE button is pressed accidentally. Stop the playback first, then press the OPEN/CLOSE button.
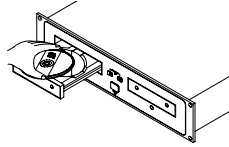

Figure 3

Loading discs

Hold the disc by the edges and place it in the disc holder, then press the OPEN/CLOSE button again to close the disc holder. The unit will show the total track number and the total playing time for about 2 seconds then enter the cue condition, the cue point will be set to the music starting point of the first track automatically.
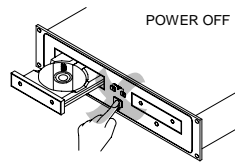
CAUTION:

- Do not place any foreign objects in the disc holder, and do not place more than one disc in the disc holder at a time.
- Do not push the disc holder in manually when the power is off, as this may result in malfunction and damages the player.
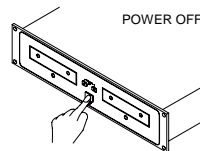
Before You Power Off

When you have finished using the CD player, before switching off the power, be sure that the disc holder had been closed with the OPEN/CLOSE button.

CAUTION:

Do not forcibly close the disc holder when the power is off.

Do not switch off the power when the disc holder is open.

Switch off the power after the disc holder has been closed with the
OPEN/CLOSE button.

Care of Compact Discs

Handling

- Do not allow fingerprints, oil or dust to get on the surface of the disc.
- If the disc is dirty, wipe it off with a soft dry cloth.
- Do not use petrol, thinner, water, record spray, electrostatic-proof chemicals, or silicone-treated cloths to clean discs.
- Always handle discs carefully to prevent damaging the surface; in particular when removing a disc from its case or returning it.
- Do not bend the disc.
- Do not apply heat.
- Do not enlarge the hole in the center of the disc.
- Do not write on the label (printed side) with a hard-tipped implement such as a pencil or ball point pen.
- Condensation will form if a disc is brought into a warm area from a colder one, such as outdoors in winter. Do not attempt to dry the disc with a hair dryer, etc..

Storage

- After playing a disc, always unload it from the player.
- Always store the disc in the jewel case to protect from dirt or damage.
- Do not place discs in the following areas:
- Areas exposed to directs sunlight for a considerable time.
- Areas subject to accumulation of dust or high humidity.
  Areas are affected by heat from indoor heaters, etc..

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Technical Specifications

Performance

Output Level	: 2Vrms
Channel Balance	: ±1dB
Frequency Response	: ±2dB 20Hz to 20KHz
De-Emphasis	: ±2dB 20Hz to 20KHz
Channel Separation	: 82dB
THD-Noise	: 0.01%
S/N Ratio (HF-A)	: 84dB
Display	: 10 Digit LCD
Pitch Slider	: ±8, & ±16%
Pitch Bend	: ±16%
Pitch Accuracy	: 0.1%
Digital Output	: 0.5V p-p @75Ohm

Weights & Dimensions

Player	: 482 x 88.8 x 254mm (front panel to end of Connectors)
Controller	: 482 x 88.8 x 70mm (front panel to end of feet)
Player	: 5 Kgs (Net)
Controller	: 2 Kgs (Net)
Packed (Gross)	: 8.2Kg
Packed Size	: 530 x 445 x 205mm
Packed Cube	: 0.048 M^3

Power Requirements

Power Supply	: 230V ~50Hz
Power Consumption	: 35W

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