

User Instructions
Cyrus CD7

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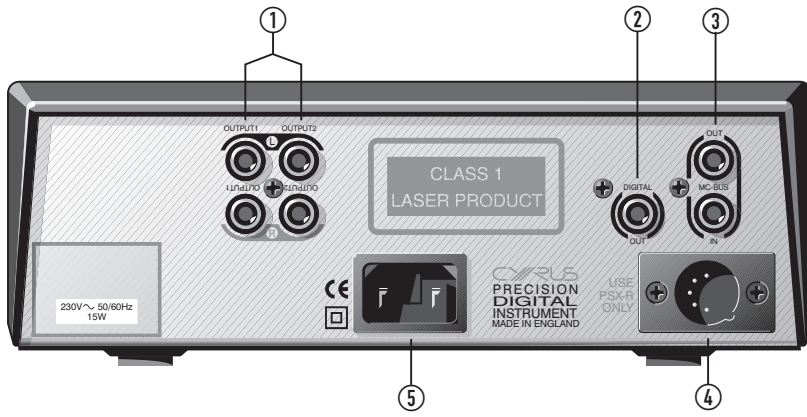


Fig 1

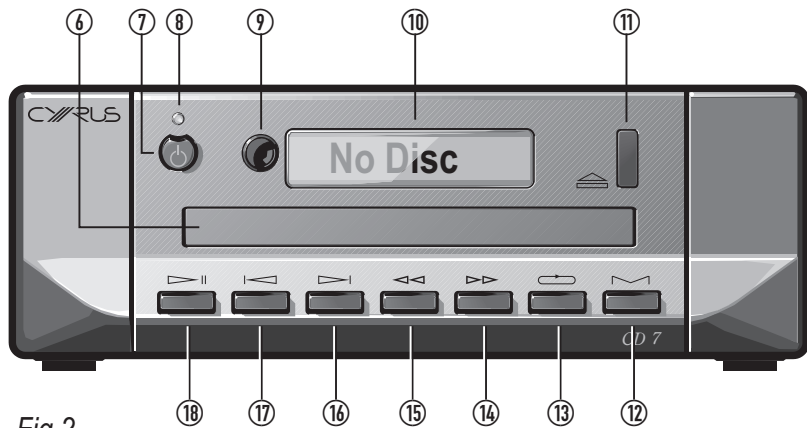


Fig 2

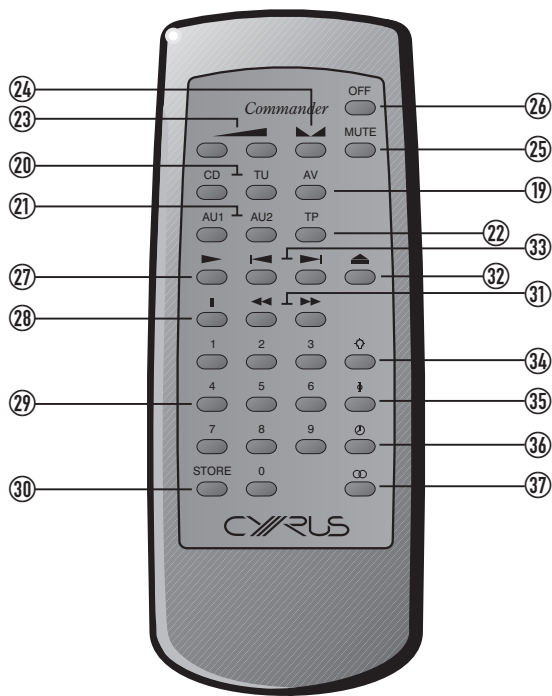


Fig 3

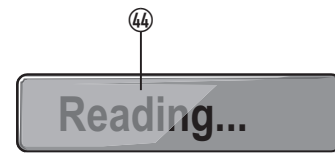
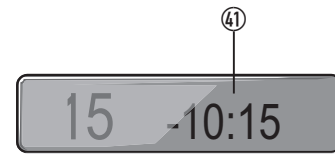
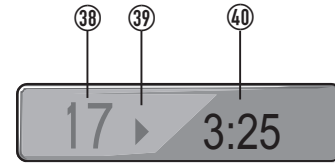


Fig 4

User instructions

Cyrus CD7

IMPORTANT! Read before operating this equipment!

CAUTION: The exclamation mark is to draw your attention to important instructions and safety procedures in this manual.



ATTENTION: The lightning flash warns you of the risk of electrical shock presented by components inside this product. Unauthorised personnel must not open this unit.



WARNING: To reduce the risk of electrical shock do not remove any unit covers or panels. There are no user serviceable parts in this product.

WARNING: To reduce the risk of electric shock, do not expose this equipment to rain or moisture.

HEED WARNINGS: All warnings on the product and in the operating instructions should be adhered to.

READ ALL THE INSTRUCTIONS: All the safety and operating instructions should be read before the product is operated.

RETAIN INSTRUCTIONS: The safety and operating instructions should be retained for future reference.

FOLLOW INSTRUCTIONS: All operating and use instructions should be followed.

CLEANING: Unplug this product from the mains before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

WATER AND MOISTURE: Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement; or near a swimming pool and the like. The product must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product.

HEAT: The product should be situated away from heat sources such as radiators, stoves, or any other products (including amplifiers) that produce heat.

VENTILATION: Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

OBJECT OR LIQUID ENTRY: Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.

ACCESSORIES: Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

ATTACHMENTS: Do not use attachments not recommended by the product manufacturer as they may cause hazards.

MOVING THE PRODUCT: A product and cart combination should be moved with care. Sudden stops, excessive force, and uneven surfaces may cause the product and cart to overturn.



POWER SOURCES: This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

OVERLOADING: Never overload wall outlets, extension cords, or integral convenience receptacles. This can result in an increased risk of fire or electric shock.

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 cords at plugs, convenience receptacles, and the point where they exit from the product.

NAKED FLAMES: No naked flame sources, such as candles, must be placed on this product.

LIGHTNING: For added protection for this product during a lightning storm, or when it is left unattended or unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

CAUTION! POLARISED CONNECTOR (CANADA and USA): To prevent electrical shock, match wide blade of plug to wide slot, fully insert. Do not alter or remove this plug if it does not fit your mains power socket. Have a suitable socket installed by a competent electrician.

POWER SUPPLY:

The moulded IEC connector of the AC cord supplied plugs into the power inlet Ⓢ on the rear of the unit.

The mains supply requirement for your CD7 is marked on a label on the rear panel. Before connecting, check that this voltage is the same as your mains supply.

230V Products:	Voltage Range	220V-240V
115V Products:	Voltage Range	110V-120V

If you move to an area with a different mains voltage, contact your local Cyrus distributor to have your product converted.

There are no user replaceable fuses in this unit.

NOTE FOR UK CUSTOMERS:

The CD7 is supplied with a power cable terminated by a fused 13A mains plug. This plug should not be removed but if it is removed, dispose of it safely and do not re-use it. To connect a new 13A plug, proceed as follows: Connect the brown wire to the terminal marked L or coloured red. Connect the blue wire to the terminal marked N or coloured black. The internal plug fuse should be 3A.

SERVICING:

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

CONDITIONS REQUIRING SERVICE: Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product has been dropped or damaged in any way.
- If the product does not operate normally by following the operating instructions. (Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage requiring extensive work by a qualified technician to restore the product to its normal operation).
- When the product exhibits a distinct change in performance.

REPLACEMENT PARTS: When replacement parts are required, be sure the service technician has used replacements specified by the manufacturer or have the same characteristics as the original part. Unauthorised substitutions may result in fire, electric shock, or other hazards.

SAFETY CHECK: Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

PRODUCT SERVICE CENTRES:

For product service or technical advice, contact only authorised Cyrus service centres. The Cyrus distributors are listed at the end of this instruction manual.

Welcome to the world of *Cyrus!*

Congratulations on your choice of *Cyrus* Hi-fi products. Our state-of-the-art design technology and outstanding quality of manufacture has won countless awards around the world. We are confident that you will derive great pleasure from owning a product from one of the most recognised and respected manufacturers of hi-fi equipment.

Please read these instructions carefully before commencing installation. They provide full guidance to help you install your *Cyrus CD7* safely and correctly.

Preparations for Installation

Before installing the *CD7* check that the following items are included in the accessory box.

- Warranty Card (with instruction manual)
- AC Mains Cable
- Remote Control Handset
- 2 x Phono leads for MC-BUS connection

After removing these items, please retain the packaging.

Install the *CD7* in a well ventilated location away from sources of high temperature, dust or humidity. Never stand the *CD7* under another unit or on any surface likely to hamper its cooling or ventilation.

INSTALLATION (Refer to Fig.1)

Key to the rear panel drawing:

- | | |
|-------------------|---------------------|
| 1. Audio Outputs | 4. PSX-R Connection |
| 2. Digital Output | 5. Power Inlet |
| 3. MC-Bus System | |

Connecting to the System Amplifier

Connect a suitable stereo RCA phono interconnect to the audio output sockets ① of the *CD7* and the corresponding input of the amplifier or receiver. Amplifier inputs suitable for this purpose are CD or AUX inputs.

Dual outputs are provided for convenient connection to multiroom units or for direct connection to tape/disc recorders etc.

DO NOT connect the *CD7* to the PHONO input of the amplifier, as this could damage your amplifier or speakers.

Connecting an External D/A Converter

The *CD7* provides a digital output to drive an external D/A converter. Using a digital interconnect, connect the socket marked DIGITAL OUT ② to the input of a suitable D/A converter and connect the converter's audio outputs to a suitable input of the amplifier.

Refer to the D/A converter handbook for guidance.

Connecting a *Cyrus PSX-R*

The *Cyrus PSX-R* is a high quality regulated power supply, the use of which will elevate your *CD7* into a true world-class state-of-the-art product.

The connector fitted to the umbilical cable from the *PSX-R* must be securely connected to the *PSX-R* socket ④ on the rear of the *CD7*. When correctly fitted, the connector will latch into the socket.

Note: The *PSX-R* power supply and the *CD7* will both require connection to the mains supply.

Mc-Bus System Connection (Optional)

By using the MC-BUS connection on your *CD7*, a highly functional integrated system with full remote control may be set up. This feature is usable if you own a *Cyrus* amplifier. Refer to the relevant product handbook for MC-BUS wiring instructions.

OPERATION (Refer to Fig.2)

Key to the front panel drawing:

- | | |
|--------------------|--------------------|
| 6. CD Loading Door | 13. Repeat |
| 7. Standby Key | 14. Search Forward |
| 8. Standby Light | 15. Search Reverse |
| 9. Remote Eye | 16. Next Track |
| 10. Display Window | 17. Previous Track |
| 11. Stop/Open | 18. Play/Pause |
| 12. Memory Store | |

Switching On

The mains power to the *CD7* should normally be left on unless left unattended for a long period when the mains power at the wall socket should be switched off or the product disconnected from the AC supply.

When power is applied, the STANDBY key ⑦ is used for power control. The Standby light ⑧ shows red when the *CD7* is in Standby and green when operational.

Loading a Disc

Press the STOP/OPEN key ⑩ to open the CD tray. Place a CD in the tray with the label side upward. Press the STOP/OPEN key ⑩ again. The CD tray will load into the player. The *CD7* display will show 'Reading' while checking the contents of the disc.

Playing a Disc

Press the PLAY/PAUSE key ⑮ on the front panel. Playback will commence from track 1 unless otherwise selected.

Pausing

Press the PLAY/PAUSE key ⑮ to pause the current track. The disc will be held at the precise point of interruption and the PAUSE symbol will show on the display. Press the PLAY/PAUSE key ⑮ again to resume playing the disc.

Fast Forward/Reverse

The SEARCH FORWARD ⑭ and SEARCH REVERSE ⑯ keys may be used to locate a specific point within a track. The search will commence initially at a slow speed increasing after a few seconds if the key is held down.

The Search keys will also search through next or previous tracks if held down long enough.

Previous/Next Track Selection

Pressing the NEXT ⑰ or PREVIOUS ⑱ keys allow you to change forward or backward through the tracks on the CD. Track indications appear on the display.

Repeat

The REPEAT key ⑲ can be used to replay the entire disc or programmed tracks.

When REPEAT is selected, its symbol shows on the display. Press the key a second time to clear Repeat.

If a program selection has been stored, the REPEAT key ⑲ will allow continuous play of this program sequence.

Stop/Open Key

When a disc is playing, press the STOP/OPEN Key ⑩ to stop the disc immediately.

If the disc is already stationary, one touch of the STOP/OPEN key ⑩ will open the tray.

Program Memory Storage

The CD7 has two program modes – Program and Exclude. Program sets the CD7 to play the sequence of tracks you like, Exclude sets the CD7 to skip the tracks you don't like. To set the CD7 to Program or Exclude a selection of tracks, follow this sequence-

1. Load a disc.
2. Press the MEMORY STORE key ⑩ once to set Program mode (the display will read 'Enter Tracks') or twice to set Exclude mode (the display will read 'Skip Tracks').
3. Enter the sequence of tracks to be stored (or skipped) with the remote control numeric keypad. A maximum of 30 tracks may be stored in the program memory. As each track is entered the display will show the total playing time for the program. If an error is made in the programming sequence, pressing the stop key will cancel the last entry.
4. When all the tracks have been stored, press the MEMORY key ⑩ again (the display will now read 'Program Ready').
5. Press play to begin playing the tracks in the programmed sequence.

NOTE:

1. 'MEMORY FULL' indication will show on the display when the program stored exceeds 30 tracks or a stored program time of 100 minutes or greater.
2. When engaging STOP while a program is stored, an extra press is needed to clear the memory. Thus:
 - Press STOP once to stop the disc.
 - Press STOP a second time to clear the memory.
 - Press STOP a third time to open the tray.
 - One continuous press will accomplish all operations.

FRONT PANEL DISPLAY (Refer to Fig.4)

Key to the Front Panel Display drawing:

- 38. Track Display** (Two Digit)
Track number, disc reading and error display.
- 39. Mode Indicator**
Indicates the current operation mode (play, pause etc.)
- 40. Time Display**
When the disc is stopped this indicates the total time.
When the disc is playing, either elapsed time for the current track or time remaining to the end of the disc ④ will be shown.
- 42. Repeat Indicator**
This symbol indicates that repeat is set.
- 43. Memory Display**
Indicates when a program is stored in the memory.
- 44. Text display area**
For status messages.

Operating the Cyrus Audio Commander (Refer to Fig.3)

The CD7 is supplied with the *Cyrus Audio Commander* remote control which will control *Cyrus* amplifiers and tuners in addition to the CD7.

NOTE: It is necessary to press the CD key once to prepare the *Audio Commander* to control the CD7.

Keys 19-26 operate a Cyrus amplifier

- 19. Select the AV input
- 20. Select CD or TU inputs
- 21. Select AU1 or AU2 input
- 22. Select TP1
- 23. Adjust Volume
- 24. Select BALANCE
- 25. Select MUTE
- 26. Switch OFF all *Cyrus* units

If CD or TU inputs have been selected with the *Audio Commander*, the following keys 27-37 will control the CD7 or the *Cyrus FM7/FM7.5 Tuner*-

- 27. Select PlayCyrus CD7
- 28. Select Pause.....Cyrus CD7
- 29. Numeric KeypadCyrus CD7 & Tuner
- 30. Store a Program.....Cyrus CD7
Store a Preset.....Cyrus Tuner
- 31. Select FAST FWD / REVCyrus CD7
Auto tune - SEEK UP / DOWNCyrus Tuner
- 32. Select STOP / EJECT.....Cyrus CD7
- 33. Select NEXT/PREVIOUS track.....Cyrus CD7
Select Preset UP / DOWNCyrus Tuner
- 34. Switch Display On / Off.....Cyrus CD7 & Tuner
- 35. Set Absolute PhaseCyrus CD7
- 36. Select Elapsed Time / Time remaining.....Cyrus CD7
- 37. Select MONO / STEREO.....Cyrus Tuner

Additional Remote Control Functions

Direct Access Numeric Keypad

Press any numeric key ⑩ on the handset. The track number will appear on the display and the CD7 will scan and play the selected track. If the disc has more than ten tracks the CD7 will briefly wait for entry of a second digit when appropriate.

When a program is stored, the keypad will enable access only to tracks included in the program memory.

Display Control

Press the DISPLAY key ④ on the handset to switch the display of the CD7 off. Pressing this key again restores the display to its normal mode. Switching the display off stops the digital traffic required to update it and reduces the load on the power supply. This improves the overall quality of the sound without adversely affecting the normal functions of your CD7.

Phase Control

Absolute phase is determined by the audio system and the recording process. Changes in absolute phase are subtle and are best established from the listening position. The absolute phase of the audio signal can be changed from the remote control using the PHASE key ③. The display text area will show the message 'Phase Normal' or 'Phase Invert'.

The performance of the CD7 is unaffected whether the signal is in normal or phase inverted mode.

Note: When an external D/A converter is used, absolute phase correction is *not* applied to the digital output. Phase correction must then be selected at the D/A converter.

Time Display Selection

The TIME key ④ features selection of two time display modes.

- Mode 1 *Elapsed time* display ④. The time display will read the time elapsed from the beginning of the current track.
- Mode 2 *Remaining time* display ④ with minus sign. The time display reads time remaining to the end of the disc or program if stored.

TROUBLESHOOTING GUIDE

If your CD7 is not operating properly, disconnect the power and check all connections using the notes in this handbook. If problems persist, the checklist below may help.

If you are in any doubt, consult your dealer.

Disc Spinning with no sound

Switch off the power to the audio system and check that connections have been correctly made from the CD7 to the amplifier.

If used with another D/A converter, check the connection from the 'DIGITAL OUT' socket of the CD7 to the D/A converter. Check also that power is applied to the D/A converter and amplifier and that the input selection and volume control of these units is correctly set.

Pause may have been set. Check for the pause symbol on the display. Press the PLAY/PAUSE key again on the front panel or handset to cancel pause.

Skipping tracks or distorted sound

The disc may be dirty or badly scratched. Try playing another disc. If the other disc plays ok, try cleaning the 1st disc.

Indication 'Disc error' on the display

The disc will not read. It may be dirty or defective.

No display

The display may have been switched off at the handset. Press the display key again to restore the display and backlight.

No Remote Operation

The handset batteries may need to be replaced:
 Remove the battery compartment cover located underneath the unit. Remove the batteries and replace with new ones carefully noting the orientation marked in the bottom of the battery case.
 The batteries in the unit should only be replaced with new batteries type AA (I.E.C. LR6).

Laser Product

This label on the rear panel tells you that the unit contains a Laser component. Opening this unit will expose the user to radiation from the laser beam.



WARRANTY

The warranty card enclosed should be completed by the Dealer and the purchaser and returned to CYRUS or its Distributor within 8 days of purchase. No Dealer or Distributor may vary the terms of this warranty which is personal to the original Purchaser and is not transferable.

Please retain the sales receipt as proof of purchase.

Warranty claims must wherever possible be made through the Dealer from whom the equipment was purchased.

This warranty excludes:

- Damage caused through neglect, accident, misuse, wear and tear, or through incorrect installation, adjustment or repair by unauthorised personnel. Any unauthorised servicing will result in loss of guarantee.
- Liability for damage or loss occurring in transit to or from the purchaser.
- Consequential damage, loss or injury, arising from or in conjunction with this equipment.

Equipment for attention under warranty should be consigned return carriage paid. If returned equipment is found to comply with the published specification, CYRUS reserves the right to raise a charge.

The above conditions do not affect your statutory rights as a consumer.

SPECIFICATIONS

- Power Supply**
 Voltage:.....As plate on rear of unit
- Power Consumption**
 Playing12W
 Standby.....6W
- Safety Requirements EN60065
- Enclosure**
 Dimensions (WxHxD)..... 215 x 75 x 365mm
 Weight.....3.1Kg
 Material Die cast chassis
- Audio Performance**
- Output Level.....2.1V rms
 Output Impedance50Ω
 Frequency Response 20-20,000Hz
 Channel Separation>114dB @ 1kHz
 >96dB@20kHz
 SNR (using silent track)>110dBA
 THD @ -10dB0.005%
- Cyrus reserves the right to change all specifications without notice. E &OE