

CYRUS



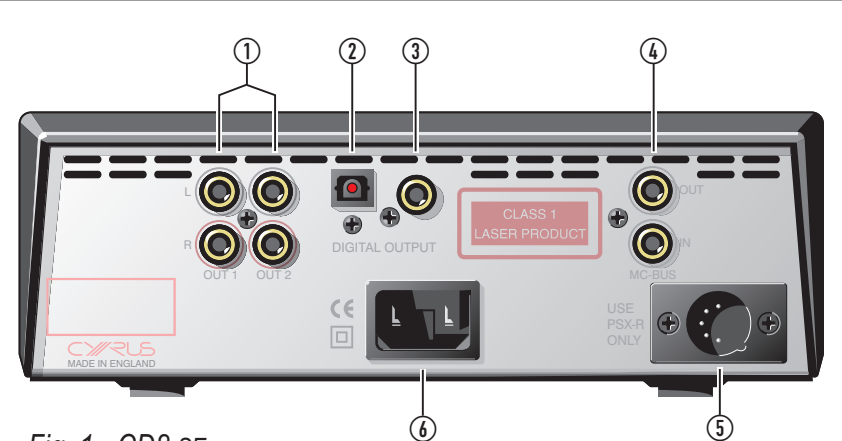


Fig. 1 - CD8 SE₂

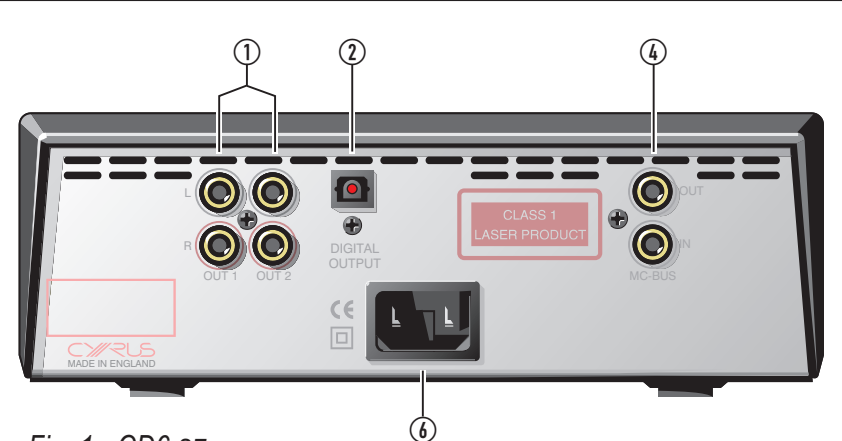


Fig. 1 - CD6 SE₂

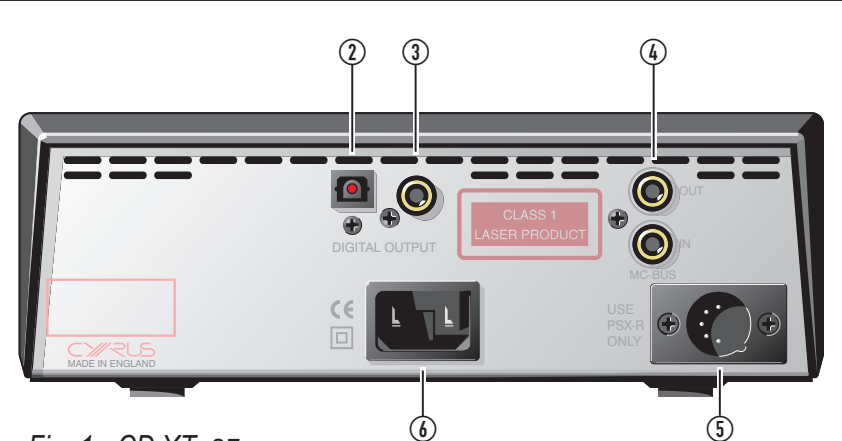


Fig. 1 - CD XT SE₂



Fig. 1 - CD T Transport

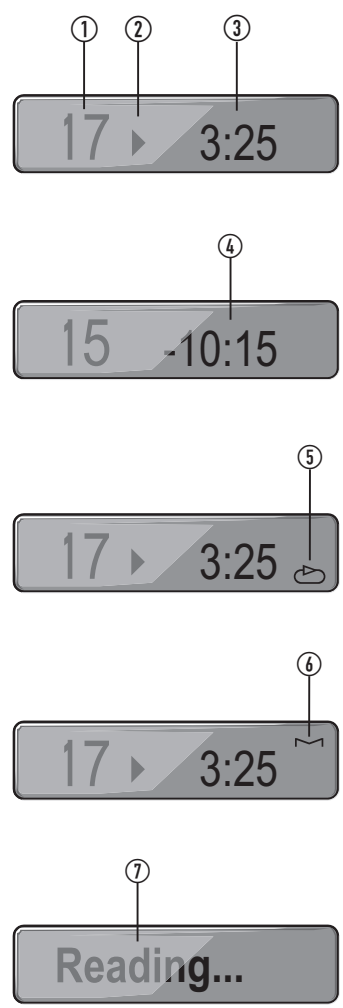
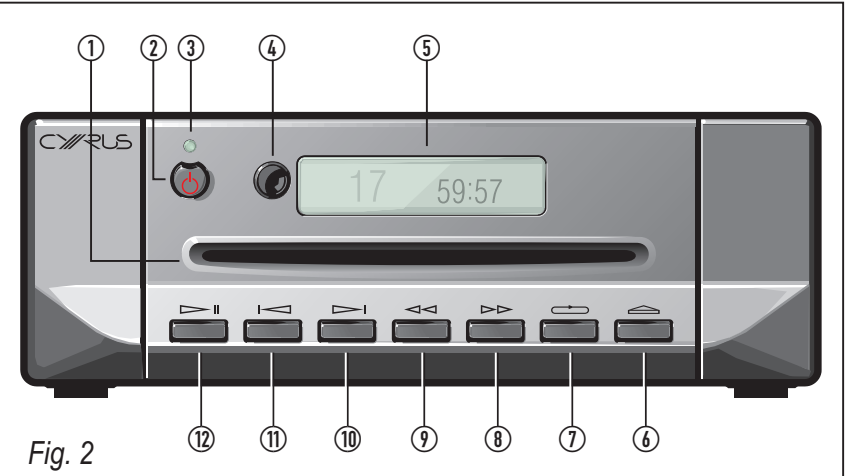


Fig. 3

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.

BATTERIES: Warning : Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

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 ④ on the rear of the unit.

The mains supply requirement 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.

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. Contact details for *Cyrus* distributors may be found on the *Cyrus* website at www.cyrusaudio.com.

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.

Now is a good time to register your new *Cyrus* product. Registration takes only a few minutes, brings the added benefit of a full two year factory warranty and adds you to our mailing list for future product updates and upgrades. To register, visit www.cyrusaudio.com and click the 'Login/Register' link.

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

Cyrus *CD 8 SE₂*, *CD 6 SE₂*, *CD XT SE₂*, *CD T TRANSPORT* model differences

These user instructions are for the *Cyrus CD 8 SE₂*, but also refer to the *CD 6 SE₂*, *CD XT SE₂* and *CD T TRANSPORT*. Model differences are indicated in the text as they occur.

Preparations for Installation

Before installing the *CD 8 SE₂* check that the following items are included in the accessory box.

- AC Mains Cable
- Remote Control Handset
- 2 x Phono leads for MC-BUS connection

After removing these items, please retain the packaging.

Install the *CD 8 SE₂* in a well ventilated location away from sources of high temperature, dust or humidity. Never stand the *CD 8 SE₂* 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. MC-Bus System
2. Optical Output	5. PSX-R Connection
3. Digital Output	6. Power Inlet

Connecting to the AC Mains Supply

Connect the socket on the AC Power cable to the AC Power inlet ④ on the rear panel of the CD 8 SE₂. Now connect the cable to a suitable AC power point.

There is no mains power switch on the CD 8 SE₂. To switch off the mains supply to the CD 8 SE₂ remove the plug from the wall outlet. For this reason, ensure that the plug is easily accessible when installing the unit.

Connecting to the System Amplifier

(CD 8 SE₂ and CD 6 SE₂ only)

Connect a suitable stereo RCA phono interconnect to the audio output sockets ① of the CD 8 SE₂ 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 CD 8 SE₂ to the PHONO input of the amplifier, as this could damage your amplifier or speakers.

Connecting an External D/A Converter

The CD 8 SE₂ provides a digital output to drive an external D/A converter. Using a digital interconnect, connect the DIGITAL OPTICAL ② or DIGITAL COAXIAL ③ (CD 8 SE₂, CD XT SE₂, CD T TRANSPORT only) 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.

The DIGITAL COAXIAL connection is recommended where this connection is available.

Connecting a Cyrus PSX-R (CD 8 SE₂ and CD XT SE₂ only)

The Cyrus PSX-R is a high quality regulated power supply, the use of which will elevate your CD 8 SE₂ 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 ⑤ on the rear of the CD 8 SE₂. When correctly fitted, the connector will latch into the socket.

NOTE: The PSX-R power supply and the CD 8 SE₂ will both require connection to the mains supply.

NOTE: Connection of a PSX-R is detected automatically, so no internal adjustments are required.

MC-Bus System Connection (Optional)

By using the MC-BUS connection on your CD 8 SE₂, 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:

- | | |
|--------------------|--------------------|
| 1. CD Loading Slot | 7. Repeat |
| 2. Standby Key | 8. Search Forward |
| 3. Standby Light | 9. Search Reverse |
| 4. Remote Eye | 10. Next Track |
| 5. Display Window | 11. Previous Track |
| 6. Stop/Eject | 12. Play/Pause |

Switching On

The mains power to the CD 8 SE₂ 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 ② is used for power control. The Standby light ③ shows red when the CD 8 SE₂ is in Standby and green when operational.

Loading a Disc

Before loading a disc, check that the display reads 'No Disc', indicating that a disc is not already loaded. To load a disc, hold the disc label side upwards and place it gently into the CD Loading Slot. Once a third of the disc is loaded, the disc will be automatically loaded through the front panel. The display will show 'Reading' while checking the contents of the disc.

Playing a Disc

Press the PLAY/PAUSE key ⑫ on the front panel. Playback will commence from track 1 unless otherwise selected.

Pausing

Press the PLAY/PAUSE key ⑫ 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 ⑫ again to resume playing the disc.

Fast Forward/Reverse

The SEARCH FORWARD ⑧ and SEARCH REVERSE ⑨ 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 ⑩ or PREVIOUS ⑪ keys allow you to change forward or backward through the tracks on the CD. Track indications appear on the display.

Repeat

The REPEAT key ⑦ 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 ⑦ will allow continuous play of this program sequence.

Stop/Eject Key

When a disc is playing, press the STOP/EJECT Key ④ to stop the disc immediately.

If the disc is already stationary, one touch of the STOP/EJECT key ④ will eject the CD.

Program Memory Storage

The CD 8 SE₂ has two program modes – Program and Exclude. Program sets the CD 8 SE₂ to play the sequence of tracks you like, Exclude sets the CD 8 SE₂ to skip the tracks you don't like. To set the CD 8 SE₂ to Program or Exclude a selection of tracks, follow this sequence-

1. Load a disc.
2. Press the MEMORY STORE key on the remote control 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. If an error is made in the programming sequence, pressing the STOP/EJECT key will cancel the last entry.
4. When all the tracks have been stored, press the MEMORY key 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/EJECT once to stop the disc.
 - Press STOP/EJECT a second time to clear the memory.
 - Press STOP/EJECT a third time to eject the CD.
 - One continuous press will accomplish all operations.

FRONT PANEL DISPLAY (Refer to Fig.3)

Key to the Front Panel Display drawing:

1. Track Display (Two Digit)
Track number, disc reading and error display.
2. Mode Indicator
Indicates the current operation mode (play, pause etc.)
3. 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.
5. Repeat Indicator
This symbol indicates that repeat is set.
6. Memory Display
Indicates when a program is stored in the memory.
7. Text display area
For status messages.

OPERATION WITH THE AVRS7.2 REMOTE CONTROL

The *CD 8 SE₂* is supplied with the *Cyrus AVRS7.2* remote control which will control *Cyrus* amplifiers, DVD players, tuners and surround sound decoders in addition to the *CD 8 SE₂*.

AVRS7.2 System select keys

System select keys

Commands may be sent to different *Cyrus* system components by selecting the appropriate system select key on the handset. These keys are marked CD, TU/DAB, AV, AV-S and SETUP. The CD, TU/DAB, AV, AV-S keys will flash when any command is transmitted to show which type of product is under control. Commands to a Surround Decoder from the SETUP system will flash the AV-S indicator.

- Pressing CD will send commands to a *Cyrus* CD player. This key will also switch on an amplifier and select the CD input.
- Pressing TU/DAB will send commands to DAB radios or FM Tuners. This key will also switch on a DAB radio or FM Tuner and select the TU input of an amplifier. To change between DAB or FM operation, hold down the TU/DAB key for 3 seconds until the light changes colour. The key will light green when set for DAB commands or red when set for FM tuner commands. NOTE:- The FM band of a DAB radio is not selected in this way, the BAND key is used for this purpose.
- Pressing AV will send commands to a DVD player. This key will also switch on a DVD player and select the AV input of an amplifier.

The amplifier will respond to the volume, balance, mute and input keys when any of the above systems are selected.

NOTE - The AV-S and SETUP keys are not used to control a stereo system.

Multi-channel Surround Sound Systems

The AV-S and SETUP keys of the *AVRS7.2* will control a *Cyrus* surround decoder. If you own a *Cyrus* decoder which was not originally supplied with an *AVRS7.2* remote control, a full copy of the *AVRS7.2* instruction sheet is available on the *Cyrus* website www.cyrusaudio.com.

CD8 SE₂ Additional Remote Control Functions

The following additional functions of the *CD 8 SE₂* are available via the *AVRS7.2* remote control -

Direct Access Numeric Keypad

Press any numeric key on the handset. The track number will appear on the display and the *CD 8 SE₂* will scan and play the selected track. If the disc has more than ten tracks the *CD 8 SE₂* 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 OFF key on the handset to switch the display of the *CD 8 SE₂* 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 *CD 8 SE₂*.

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 INVERT key. The display text area will show the message 'Phase Normal' or 'Phase Invert'.

The performance of the *CD 8 SE₂* is unaffected whether the signal is in normal or phase inverted mode.

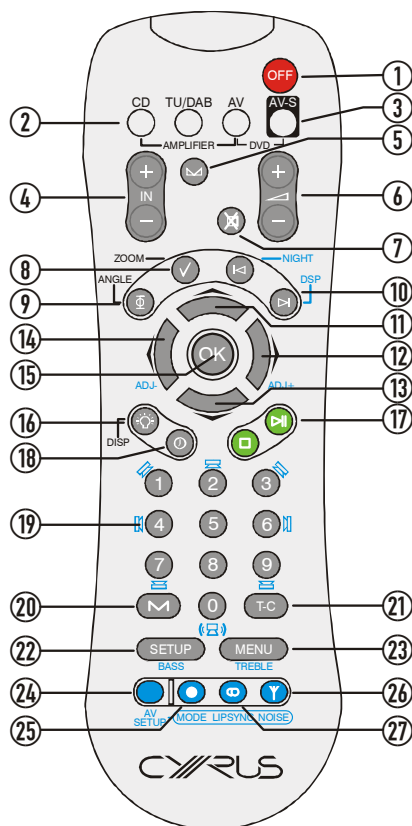
Time Display Selection (Refer to Fig 3)

The DISPLAY MODE key features selection of two time display modes.

- Mode 1 *Elapsed time* display ③. 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.

Full Remote Command Listing

A full listing of the command set available from the *AVRS7.2* is listed in the table on the next page.



	CD MODE	DAB MODE	TU MODE (FM)
1	Power off all systems		
2	CD, DAB, TU or AV COMMAND MODE SELECT Amplifier, CD, DAB, FM tuner, DVD power on Amplifier input select		
3	AV SURROUND COMMAND MODE SELECT – see table overleaf		
4	Stereo amp/preamp input select		
5	Stereo amp/preamp balance select		
6	Stereo amp/preamp volume control		
7	Stereo amp/preamp mute		
8	-	Select station on display	-
9	Audio phase invert	-	-
10	Next/previous track	Display next/previous station	Next/previous preset
11	Next track	Cursor keys for navigating the on-screen menu options	Next preset
12	Search forward		Scan up
13	Previous track		Previous preset
14	Search reverse		Scan down
15	-	OK key to select menu options	-
16	Display off	Display mode	Display off
17	Play/pause/stop*	Play/pause for replay from memory card	-
18	Display mode	Timer record mode	-
19	Numeric keypad	Numeric keypad	Preset select
20	Memory store	Preset information	Preset store
21	-	-	-
22	-	-	-
23	-	Menu select	-
24	AV SETUP MODE SELECT – see table below		
25	-	Record to memory card	-
26	-	DAB/FM/Memory card band select	-
27	-	Mono/stereo when playing FM	Stereo/mono

*early Cyrus CD players will respond to Play/Stop only

Amplifier, CD, DAB
and FM tuner
commands

	AV (DVD & amp) MODE	AV-S (DVD & decoder) MODE	AV-SETUP MODE
1	Power off all systems		
2	CD, DAB, TU or AV COMMAND MODE SELECT Amplifier, CD, DAB, FM tuner, DVD power on Amplifier input select		
3	AV-S COMMAND MODE SELECT DVD and Surround decoder power on		
4	Amplifier input select +/-	Surround decoder input select +/-	
5	Amplifier balance mode	-	
6	Amplifier volume control	Surround decoder volume control	
7	Amplifier mute	Surround decoder mute	
8	DVD Quick access zoom		-
9	DVD Quick access angle		-
10	DVD Next/previous chapter/title		Decoder Night & DSP functions
11	Cursor keys for navigating the DVD on-screen menu options		-
12			Adj +
13			-
14			Adj -
15	OK key to select DVD menu options		-
16	DVD On-screen display		-
17	DVD transport functions		-
18	-		-
19	DVD Chapter/title direct access		Speaker select keys
20	DVD Program store		-
21	DVD Title or Chapter mode		-
22	DVD Player setup		Bass control select
23	DVD Disc menu		Treble control select
24	AV SETUP MODE SELECT Surround decoder power on		
25	-	Mode select	
26	-	Lipsync adjust	
27	-	Decoder noise mode	

Amplifier, DVD and AV
-Surround commands

If your *CD 8 SE2* 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.

Disc Spinning with no sound

Switch off the power to the audio system and check that connections have been correctly made from the *CD 8 SE₂* to the amplifier.

If used with another D/A converter, check the connection from the 'DIGITAL OUT' socket of the *CD 8 SE₂* 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 may not be set to control the *CD 8 SE₂*. Press the CD button and retry commands.

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 AAA (I.E.C. LR03).

Output Level.....	2.1V rms
Output Impedance	50Ω
Frequency Response	20-20,000Hz ±0.2dB
Channel Separation	>124dB @ 1kHz >103dB@20kHz
SNR (using silent track)	>110dBA
THD @ -10dB.....	0.005%
Disc compatibility	CD Audio, CD-R

Output Level.....	2.1V rms
Output Impedance	50Ω
Frequency Response	20-20,000Hz ±1dB
Channel Separation	>112dB @ 1kHz
	>87dB@20kHz
SNR (using silent track)	>100dBA
THD @ -10dB.....	0.006%
Disc compatibility	CD Audio, CD-R

Coaxial Digital Output	500mV pk-pk
Output Impedance	75Ω
Optical Output	Toslink optical connection
Sample rate accuracy	44.1k ± 50ppm
Clock Jitter	<80pS
Disc compatibility	CD Audio, CD-R

Coaxial Digital Output	500mV pk-pk
Output Impedance	75Ω
Optical Output	Toslink optical connection
Sample rate accuracy	44.1k ± 50ppm
Clock Jitter	<90pS
Disc compatibility	CD Audio, CD-R

Cyrus reserves the right to change all specifications without notice. E & OE

Power Supply	
Voltage:	As plate on rear of unit
Power Consumption	CD 8 SE ₂ 11W
	CD 6 SE ₂ 7.5W
	CD XT SE ₂ 7.5W
	CD T TRANSPORT..... 7.5W
EMC & Safety Compliance (230V)	CE
Enclosure	
Dimensions (WxHxD).....	215 x 75 x 365mm
Weight.....	CD 8 SE ₂ 3.5kg
	CD 6 SE ₂ 3.1kg
	CD XT SE ₂ 3.5kg
	CD T TRANSPORT 3.1kg
Material	Die cast chassis

Warranty

The warranty should be registered on-line within 8 days of purchase. No Dealer or Distributor may vary the terms of this warranty which is personal to the original Purchaser and it 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:

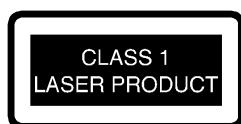
- Damage caused through neglect, accident, misuse, wear and tear, or through incorrect installation, adjustment or repair by unauthorised personnel. Any unauthorised servicing will result in loss of guarantee.
- Liability for damage or loss occurring in transit to or from the purchaser.
- Consequential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

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.



WEEE

This logo means that this product is not to be disposed of with your household waste. This product should be handed over to a designated collection point to be recycled. Your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information on collection points, contact your disposal service or City Hall.





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