

*User Instructions*  
*Cyrus Quattro*

# Cyrus Quattro

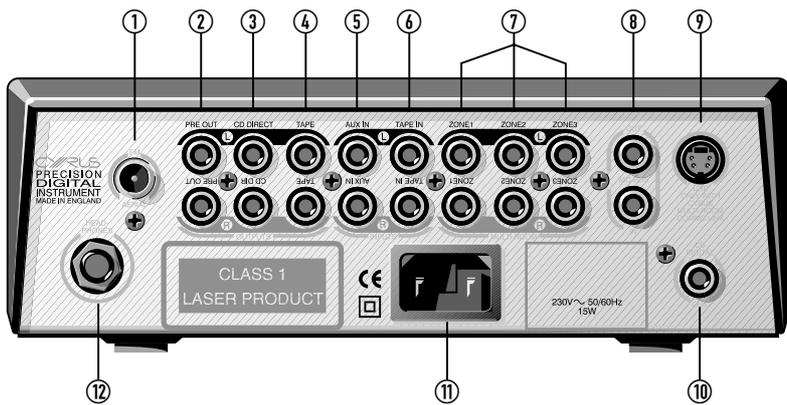


Fig 1



Fig 2

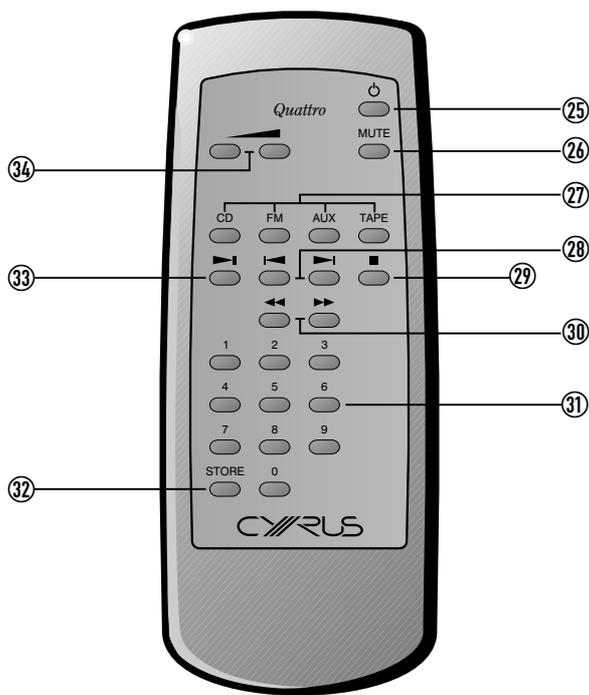


Fig 3

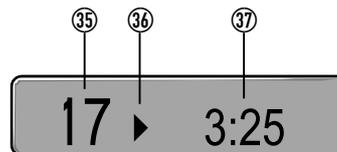


Fig 4a

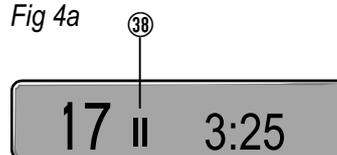


Fig 4b

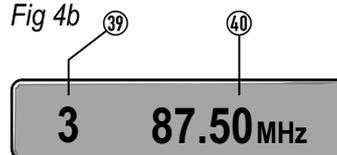


Fig 4c



Fig 4d

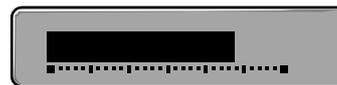


Fig 4e



Fig 4f



Fig 4g

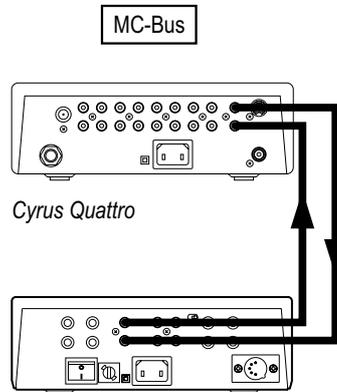


Fig 5

*User instructions*

*Quattro*

## 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 ① on the rear of the unit.

The mains supply requirement for your *Cyrus Quattro* 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 *Cyrus Quattro* 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 Quattro* safely and correctly.

## Preparations for Installation

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

## The *Quattro* System

### Cyrus *Quattro*, Power amplifier, Loudspeaker system

As supplied, the *Cyrus Quattro* may be connected to just a *Cyrus* power amplifier and a pair of speakers to provide a full-featured CD playing hi-fi system. The first section of these instructions provides details of setting up and operating such a system.

Upgrade options which may be fitted internally include-

- The option of the *Quattro* FM tuner module to add high quality radio reception.
- The option of the *Quattro* Multi-room kit which will, in conjunction with additional power amplifiers, feed three more rooms in your home with high quality sound from the main *Quattro* unit. The wireless remote control included in the kit adds the convenience of a handset which can control the *Quattro* through the walls of the house.

Note:- Both the FM tuner module and the Multi-room kit must be fitted internally to the *Quattro* by an authorised *Cyrus* dealer.

### The *Cyrus Quattro* as a CD/Tuner source

Alternatively, with a small internal adjustment carried out by an authorised *Cyrus* agent, the *Quattro* may be connected to provide direct CD and tuner outputs to an external *Cyrus* integrated amplifier, pre-amplifier or surround decoder. For such an installation, refer to the section 'Connection and Operation of the *Quattro* as a CD/Tuner'.

## INSTALLATION

Key to the rear panel drawing (Fig 1):

1. Aerial connector	7. Multi-room outputs
2. Preamp output	8. MC-Bus connections
3. CD direct output	9. Multi-room receiver connector
4. Tape Output	10. CD Digital output
5. Aux Input	11. Power Inlet
6. Tape Input	12. Headphone Output

## Connecting a Power Amplifier and Speakers

Connect a suitable stereo phono interconnect to the Pre-amp output sockets ② of the *Quattro* and the input of the power amplifier.

Refer to the handbook for the power amplifier for speaker connection instructions.

## Connecting an Additional Source

An additional sound source may be connected to play through the AUX input of the *Quattro*. Suitable signal sources may include a television, CD changer, a music keyboard or personal computer.

Connect the line output of the source to the rear panel AUX input connections ⑤ with a suitable phono interconnect.

## Connecting a Cassette or Disc Recorder

A cassette or disc recorder may be connected to record and play through the *Quattro* system.

Connect the line output (play) of the recorder to the TAPE input connections ④ of the *Quattro* with a suitable phono interconnect. Connect the line input (record) of the recorder to the rear panel TAPE output connections ④.

## Connecting an External Aerial

If the *Quattro* is equipped with an internal FM tuner module it will be necessary to connect an aerial to the unit.

The aerial is connected to the rear panel FM aerial socket ① and the quality of the aerial will directly affect the performance of your *Quattro*. Indoor aerials are not generally suitable for FM receivers and may result in a limited selection of stations and a high level of background noise. We would therefore advise that you contact an aerial installation expert in your local area or consult your dealer concerning the installation of an external aerial.

In areas where FM cable transmission is available the reception should be adequate.

## Connecting to the CD Digital Output

A CD Digital Output is available from the *Quattro* which can be connected to any compatible product with a suitable Digital Input. The CD Digital Output is particularly suitable for making direct digital recording to Digital Tape or Disc recorders.

Connect the CD Digital Output ⑩ of the *Quattro* to the Digital Input of the other unit with a suitable phono cable intended for digital signals.

## Multi-room Connections

The Multi-room connections for Zone 1, Zone 2, and Zone 3 ⑦ and for the Multi-room comms unit ⑨ should not be connected unless the Multi-room upgrade has been fitted internally by your dealer.

When this upgrade is fitted, the front panel display will read 'Multi-room' as an installed option when first connected to mains power. A separate handbook is included with the Multi-room module which includes wiring and operational instructions for this unit.

Caution:- Damage may result from the connection of any other equipment to these sockets.

## MC-Bus System Connection (Optional)

MC-Bus is an optional connection for remote power control of the system power amplifier. If the power amplifier has MC-Bus connections, first connect the MC-Bus Output ⑥ of the *Quattro* to the MC-Bus Input of the power amplifier. Then connect the MC-Bus Output of the power amplifier to the MC-Bus Input of the *Quattro* (Fig 5).

## OPERATION

Key to the front panel drawing (Fig 2):

13. CD Loading Tray	19. Volume up
14. Standby Key	20. Volume down
15. Standby Light	21. Input Select
16. Remote Eye	22. Next Track
17. Display Window	23. Previous Track
18. Stop/Open	24. Play/Pause

### Switching On

The mains power to the *Quattro* 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 front panel STANDBY key ⑭ is used for power control. The Standby light ⑮ shows red when the *Quattro* is in Standby and green when operational.

### Listening to a CD

#### Selecting CD input

Select the CD input with the front panel Input key ⑳.

#### Loading a CD

Press the STOP/OPEN key ⑱ to open the CD tray. Place a CD in the tray with the label side upward. Press the STOP/OPEN key ⑱ again. The CD tray will load into the player. The *Quattro* display will show 'Reading...' while checking the contents of the disc.

#### Volume control

The volume level is controlled from the front panel with the Volume up/down keys ⑲, ⑳. The display will switch briefly to show the volume level setting (Fig 4e).

#### Selecting a track

Press the Scan keys ㉑, ㉒ briefly to move forward or backward through the tracks on the CD. Track indications ㉓ appear on the display (Fig 4a).

#### Pausing

Press the Play/Pause key ㉔ to pause the current track. The disc will be held at the point of interruption and the Pause symbol ㉕ will show on the display (Fig 4b). Press the Play/Pause key ㉔ again to resume playing the disc.

#### Fast Forward/Reverse Search

You can search forward or backward to locate a specific point within a track by holding down the scan keys ㉑, ㉒. The search will commence initially at a slow speed increasing after a few seconds if the key is held down.

#### Stopping the disc

When a disc is playing, press the Stop/Open Key ⑱ once to stop the disc immediately.

If the disc is already stationary, one touch of the Stop/Open key ⑱ will open the tray.

### Listening to Radio (only with tuner module fitted)

#### Selecting Tuner input

Select the TUNER input with the front panel Input key ㉖.

#### Searching for a station

Press one of the Scan keys ㉑, ㉒ to search for a station. When a station is found the station name will be shown on the display (Fig 4d). If the station does not broadcast name data, the station frequency ㉗ will be shown (Fig 4c).

#### Volume control

The volume level is controlled from the front panel with the Volume up/down keys ⑲, ⑳.

### Listening to an External Source (Aux/Tape)

#### Selecting Aux or Tape input

Select the correct input with the front panel Input key ㉗.

#### Volume control

The volume level is controlled from the front panel with the Volume up/down keys ⑲, ⑳.

## Making Recordings

### Selecting the source to record

Select the required source for recording with the front panel Input key ㉘, then set the Tape Recorder to 'Record'.

CAUTION:- Do not select the TAPE input whilst making a recording from the *Quattro*, a loud noise may occur due to feedback in the tape recorder.

### Record level setting

Record level (where necessary) should be set at the recorder. The volume control of the *Quattro* will not affect the record level.

### Digital recordings

High quality digital recordings may be easily made from the *Quattro* CD player to a Digital Tape or Disc Recorder connected to the *Quattro* CD digital output. No adjustment is necessary to the *Quattro* once the CD player is set to play.

### Listening through headphones

The *Quattro* is equipped with a standard 1/4" (6.35mm) headphone connector ㉙, located on the rear panel.

When headphones are connected to the *Quattro* for personal listening the sound from the system speakers will automatically be muted.

## REMOTE CONTROL

Key to the remote control drawing (Fig 3):

25. Standby	30. Search forward/reverse
26. Mute	31. Numeric keypad
27. Input select	32. Store
28. Change track	33. Play/pause
29. Stop	34. Volume

All front panel controls of the *Cyrus Quattro* feature on the remote handset. The remote control handset also provides access to some additional features of the *Cyrus Quattro*.

### Input source selection

The Input Source keys ㉚ enable direct access to each of the four available input sources.

### Volume control

The Volume control keys ㉛ enable remote setting of volume levels.

### Mute

The Mute key ㉜ will temporarily reduce the volume level to zero. Press the Mute key ㉜ again to restore the previous volume setting.

### CD operation keys

When a CD is playing the remote control includes keys for Track Selection ㉝, Stop ㉞, Fast Forward/Reverse Search ㉟ and Play/pause ㊱.

Tracks can be selected directly with the numbers of the Numeric Keypad ㉟. If the disc playing has more than 10 tracks, the *Quattro* will pause briefly awaiting for the entry of a second digit where appropriate.

### Tuner operation keys

When listening to the tuner, the remote control includes keys which will Step through the presets ㊲ or Search the band for a station ㊳.

When preset stations have been stored in the memory (see next section), they can be selected directly with the numbers of the Numeric Keypad ㉟. As each preset is selected, the display will briefly show the station number ㊴ and frequency ㊵ before displaying the station name (where available).

### Storing preset radio stations

For convenience the *Quattro* has nine preset memories (1-9) in which stations can be stored for quick access.

To store a station, follow this sequence-

1. Tune to a station with the Search keys ㊲.
2. Press the Store key ㊳. The display will read 'Store...'
3. From the Numeric Keypad ㉟, press a key (1-9) for your chosen preset number and the station will be stored for later recall.
4. Repeat the sequence to store your other favourite radio stations.

### Connection and Operation of the Quattro as a CD/Tuner Source

The Quattro may be supplied or converted to provide the functions of a high quality CD and Tuner source (when optional tuner module is fitted) in a Cyrus system. When this conversion has been made, the legend 'Pre-amp' will no longer appear as an installed option on the display when the Quattro is connected to the AC power.

#### Connecting the CD output to the amplifier

Connect the CD Direct Outputs ③ from the Quattro to the CD input of the amplifier.

#### Connecting the tuner output to the amplifier

If a tuner module is fitted, the output signal will be routed through the Tape Output of the Quattro. Connect the Tape Outputs ④ from the Quattro to the Tuner input of the amplifier.

#### MC-Bus connection

The Quattro may be connected into an MC-Bus loop with other Cyrus products to enable remote system power control from the main amplifier. Refer to the amplifier instructions for an MC-Bus wiring diagram.

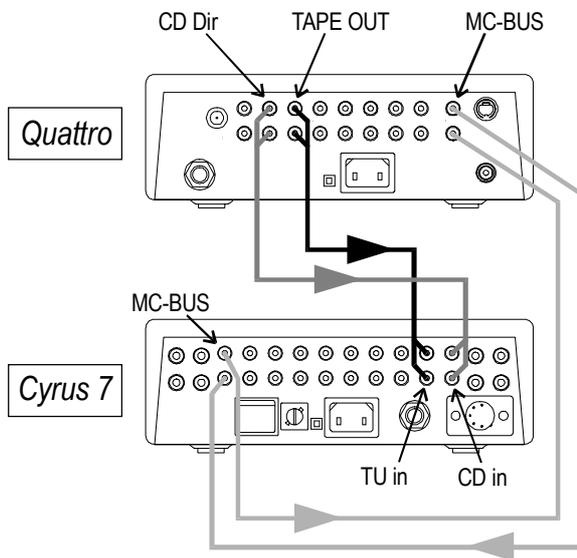
#### Front panel operation

The front panel keys for controlling CD and tuner functions will still operate, but there will be no response from the keys for Input Source Selection or Volume Control (these functions will be available from the system amplifier).

#### Remote Control Operation

A Cyrus System remote control, such as the Audio Commander (supplied with Cyrus amplifiers) will control all system functions for the Quattro and other components.

Note: The remote control supplied with the Quattro will no longer operate the unit.



### TROUBLESHOOTING GUIDE

If your *Cyrus Quattro* 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.**

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

Disc Spinning with no sound from the speakers	
Power amplifier not switched on.	Switch on amplifier
Headphones connected to the rear panel socket.	Disconnect headphones
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 1 <sup>st</sup> disc.
Indication 'Disc error' on the display	
The disc will not read.	It may be dirty or defective.
Unable to select FM radio	
Tuner module not fitted.	
No radio stations can be found/poor quality radio sound	
Signal strength inadequate.	Arrange for a better aerial.
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.
Display reads 'WRONG R'MOTE'.	The Quattro has been converted to operate as a CD/Tuner. The Audio Commander remote control (supplied with Cyrus amplifiers) must be used after this conversion.

The batteries in the remote control unit should only be replaced with new batteries type AA (I.E.C.L R06).

**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.



**SPECIFICATIONS**

**Power Supply**

Voltage: .....As plate on rear of unit

**Power Consumption**

Playing .....10W

Standby .....5W

Safety Requirements ..... EN60065

**Enclosure**

Dimensions (WxHxD)..... 215 x 75 x 365mm

Weight.....3.2Kg

Material ..... Die cast chassis

**Audio Performance CD/amplifier**

Input sensitivity (Tape/Aux).....200mV

Output Level (pre-out).....242mV

Output Level (CD direct out) .....2.0V

Output Impedance (pre-out)..... 220Ω

Output Impedance (CD direct out)..... 100Ω

Frequency Response ..... 20-20,000Hz

Channel Separation ..... >105dB @ 1kHz

>85dB@20kHz

SNR (using silent CD track) ..... 95dBA

SNR (AUX input ref 1V o/p)..... 99dBA

THD (CD, -10dB).....0.005%

THD (Aux input) .....0.0025%

**Audio Performance, optional FM radio module**

Sensitivity, Mono, 30dB S/N .....4dBμV

Sensitivity, Stereo, 50dB S/N.....34dBμV

Pilot Tone Suppression.....80dB

Stereo Separation ..... >30dB

S/N Ratio (mono) ..... 75dBA

S/N Ratio (stereo) ..... 72dBA

THD mono 1kHz @ 50kHz Dev .....0.3%

THD stereo 1kHz @ 50kHz Dev .....0.35%

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

**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.