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 user 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: *(Refer to Fig.1)*

Connect the moulded IEC connector of the AC cord supplied into the power inlet ⏚ 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.

NOTE FOR UK CUSTOMERS:

The *Cyrus FM 6* 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 5A.

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 FM 6* safely and correctly.

Preparation for Installation

Before installing the *FM 6* check that the following items are included in the accessory box.

- Warranty Card (with instruction manual)
- AC mains Cable
- 2 x Phono leads for MC-BUS connection
- Remote control
- FM ribbon antenna

After removing these items, please retain the packaging.

Install the *FM 6* in a well ventilated location away from sources of high temperature, dust or humidity. Never stand the *FM 6* 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.	AM Loop Antenna connection	4.	Audio output 2 (MPX filtered)
2.	FM antenna connection	5.	MC-Bus connections
3.	Audio output 1 (unfiltered)	6.	AC power inlet

Connecting to the AC Mains Supply

Connect the socket on the AC Power cable to the AC Power inlet ⑥ on the rear panel of the *FM 6*. Now connect the cable to a suitable AC power point.

There is no mains power switch on the *FM 6*. To switch off the mains supply to the *FM 6* 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

Dual outputs 1 and 2

There are two audio outputs on the rear panel of the *FM 6*. Output 1 is a direct un-filtered output, whereas Output 2 passes through a stereo Multiplex filter. For the best audio performance, use Output 1. If you have an analogue Cassette or Tape Recorder connected to your system, the Multiplex filter will be required, so choose Output 2.

NOTE:- Both outputs may be used simultaneously if required, Output 1 to feed your amplifier and Output 2 to feed an analogue recorder.

Making the connection

Connect one end of a suitable phono interconnect to one of the Audio Output sockets of the *FM 6* ③ or ④ and the other end to the corresponding Tuner input of the amplifier. Other amplifier inputs that are suitable for this purpose are AUX inputs.

Connecting an FM Aerial

The FM 75Ω socket ② is for the connection of a 75Ω external FM aerial. The quality of the aerial you use will directly affect the performance of your *FM 6*. We would therefore advise that you contact an aerial installation expert in your local area or consult your retailer. An FM ribbon aerial is supplied with the FM 6, but whilst acceptable as a temporary measure this will not give the quality of reception that an outdoor aerial will.

In areas where FM cable transmission is available, connect the FM radio feed from the cable receiver to the FM 75Ω socket ②. The signal strength should be adequate.

Connecting the AM Aerial

The wires from an AM loop aerial (not supplied) should be connected to the AM LOOP terminals ①. as shown in the diagram below.
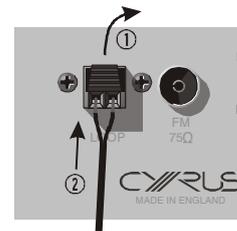
1. Hold the spring tag up.
2. Insert the bare wire ends from the AM aerial.

Once the loop aerial is connected it will be necessary to experiment with the position of the aerial for best reception.

OPERATION *(Refer to Fig.2)*

Key to the front panel drawing:

1.	Standby	6.	Manual tuning mode
2.	Standby Light	7.	Auto tuning mode
3.	Remote Eye	8.	Preset tuning mode
4.	Display Window	9.	Mono/stereo
5.	Rotary Control	10.	FM/AM band selector

Switching On *(refer to Fig.2, front panel drawing)*

The mains power to the *FM6* 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 ① is used for power control. The Standby light ② shows red when the *FM6* is in Standby and green when operational.

Selecting FM or AM bands

To select FM or AM band reception press the FM/AM key on the front panel ⑩ or the remote control ②.

Tuning modes

The FM6 has three tuning modes available from the front panel for both the FM and AM bands – Preset tuning, Auto tuning and Manual tuning. When setting up the FM6 initially, the Auto and Manual modes are used to find stations that you may like to save as presets for quick access.

Auto Tuning

Auto-tuning will search automatically for stations and will stop searching when one is found with a usable signal strength.

To set Auto-tuning from the front panel, press the AUTO key ⑧ and the legend AUTO will appear in the display window. To search up the band for stations, turn the ROTARY control ⑤ clockwise. To search down, turn the ROTARY control ⑤ anti-clockwise.

To Auto-tune from the remote, press the NEXT or PREV ③ quick access keys to search the band in the required direction.

Manual Tuning

Manual tuning can be used to set to a known station frequency or to lock to a weak transmitter, not detected in auto tuning.

To tune manually from the front panel, press the MANUAL key ⑥ and the legend MANUAL will appear in the display window. To tune the band, turn the ROTARY control ⑤ in the direction you want to tune. The display will show the frequency you are tuned to.

It is not possible to tune manually from the remote control.

Storing a Preset Station

Preset station memories are available for you to store your favourite stations for easy recall. There are 32 presets available for the FM band and 16 presets available for the AM band.

To save a preset station from the front panel, locate the station using either AUTO or MANUAL tuning. Wait briefly for the station name (if available) to be displayed so that the station name will also be stored.

If you want to store this station to recall in Mono, set to Mono before storing and this setting will also be stored.

Press the ROTARY control ⑤ to set Preset Store mode and the next available empty preset number will be suggested for storing your preset. Press the ROTARY control ⑤ again if you want to confirm and store to this number.

Storing in a blank preset location

New preset to be stored

The new preset location is blank · New preset number
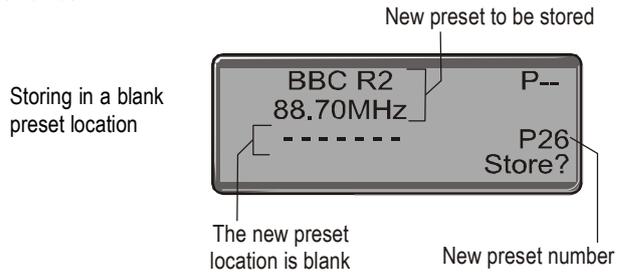
If you want to store to a different preset number, turn the ROTARY control ⑤ to choose the preset number you prefer to store in (see display drawing below). Press the ROTARY control ⑤ to confirm and store to this number. If a station is already stored in that location, the display will show the station stored and ask if you want to replace it (see display drawing below). Press the ROTARY control ⑤ to continue and replace the station in this location.

Replacing an existing preset

New preset to be stored

Current preset contents · Preset number to store
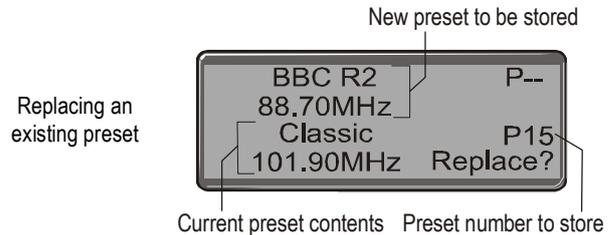
To store a preset from the remote control, locate the station by AUTO tuning with the NEXT or PREV keys ③. Wait briefly for the station name (if available) to be displayed. Press the STORE key ⑤ to switch to Preset Store mode. Enter the preset number to store (one or two digits), then press the STORE ⑤ key again to save the preset.

Tuning to a Preset

Preset tuning will recall all the stations you saved for quick access.

To recall a preset from the front panel, press the PRESET ⑧ key and the legend PRESET will appear in the display window. To select a preset, turn the ROTARY control ⑤ until you see the preset number you want. Press the ROTARY control ⑤ to select the preset.

To recall a preset from the remote control, enter the preset number (one or two digits) with the remote control NUMBER keys ⑦. After a short delay the preset will be recalled.

To browse the presets from the remote control, press the UP or DOWN keys ⑨ to step through all preset stations.

RDS information display (FM only)

The *FM 6* also receives and decodes RDS station name and information text that are broadcast with some FM stations. When available, the station name will automatically be shown at the top of the display and information text will scroll across beneath the station frequency. This display layout is shown in the diagram below.

Frequency

Station name   Preset number

BBC R2   P04
88.70MHz
ormation text.....informatio
Auto   Stereo

Tuning mode   Stereo/mono

Scrolling information text
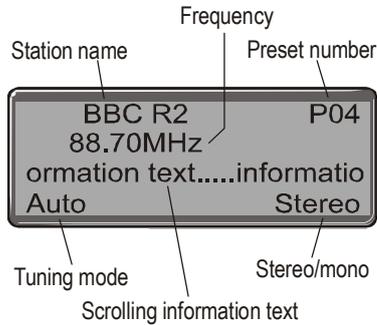
Setting Mono

To set FM mono reception, press the MONO key ⑨. Mono reception will reduce the background noise level if you are listening to a distant station and the aerial signal is weak.

Remote Control Operation

Supplied handset

The remote control handset supplied with the *FM 6* will enable you to control all main functions from the comfort of your chair.

Cyrus system handsets

If your system includes a *Cyrus* stereo amplifier or surround decoder you may already own a *Cyrus* system handset that will also control most functions of the *FM 6*. Refer to the handbook for the system handset or to the *Cyrus* website www.cyrusaudio.com for a list of commands available to control the *FM 6*.

Fitting the remote control batteries

Before using the remote control handset, fit the correct battery type CR2032 or equivalent into the battery clip as shown in the diagram below.
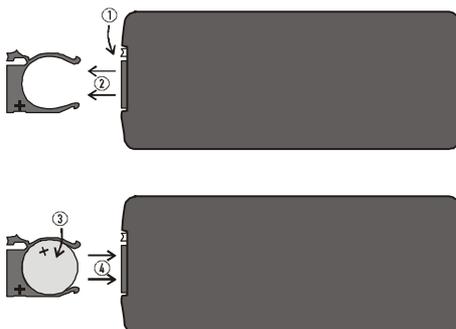
1. Press the battery clip catch across in the direction of the arrow.
2. While holding the catch, pull the battery clip out of the remote control.
3. Fit the battery into the battery clip with the + battery terminal matching the + symbol on the clip body.
4. Refit the battery clip.

Remote Control Handset Commands

1. STANDBY. This key sets or cancels Standby.
2. AM/FM. This key selects the AM or FM band.
3. NEXT/PREV. These keys auto tune to the next station in the band.
4. MONO. This key switches from FM stereo to mono reception.
5. STORE. This key sets Preset Store mode. Press this key to store a preset, enter the preset number(s), then press STORE again to confirm.
6. DISPLAY. Press this key to turn off the display indication and backlight. Press any key to restore normal operation.
7. NUMERIC KEYPAD. Press 1 or 2 numbers to recall a station stored as a preset memory.
8. UP/DOWN. Use the up and down keys browse the stored presets one by one.
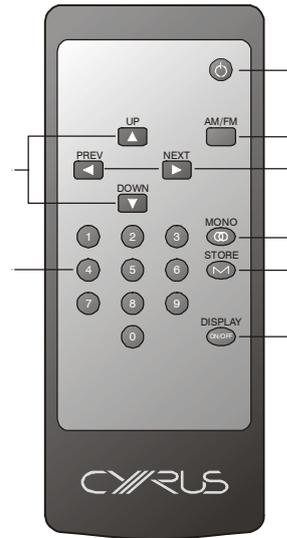
TROUBLESHOOTING GUIDE

If you suspect that your *FM 6* is not operating to specification, please read through this section before returning the *FM 6* to your local dealer.

If you are in any doubt, consult your dealer.

No sound from either speaker	
Amplifier switched off or in Standby	Bring unit out of Standby (Standby light - GREEN)
Tuner input of your amplifier is not selected	Select Tuner input on amplifier
Interconnect cable is faulty or incorrectly connected	Check interconnect cable connections

FM 6 will not tune to FM stations in 'AUTO' mode
Make sure that the antenna is connected to the 75Ohm socket on the rear panel and that stations can be tuned manually

FM 6 will not tune to AM stations in 'AUTO' mode
Make sure that the loop antenna is connected to the loop connections on the rear panel and that stations can be tuned manually

FM stations have high background noise
Check for the correct connection of your antenna cable and its connectors.

AM stations have background noise
Try re-positioning the loop aerial to reduce the level of background noise.

Some FM stations have high background noise
These may be weaker or more distant stations and therefore may require adjustment to the antenna direction for optimum reception
There is a big difference in the sensitivity of FM aerials available on the market, and your current aerial may need upgrading
Proximity to appliances with potential for high frequency radiation may cause interference with high quality reception in certain frequency bands. If you own CD players, computers and similar devices experiment by removing them from the mains and re-checking the noisy station.

No stereo indication
Check other stations for stereo reception. The particular broadcast may be in mono, for example speech, commentary, etc

No RDS station name/information text on some stations
Some stations may not have an RDS station name or information text.
The signal may not be strong enough for RDS data reception.

No RDS station name recalled when a preset is selected
An RDS name will only save if it is visible on the display when the preset is stored. Re-save the preset, but wait until the name is visible before saving.

WARRANTY

The warranty card enclosed should be completed by 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

Standby 2.6W
ON (No Load) 3.9W

EMC & Safety Compliance (230V) .... CE
EMC & Safety Compliance (115V) .... FCC, cCSAus

Enclosure

Dimensions (WxHxD) .... 215 x 75 x 365mm
Weight 2.5Kg
Material .... Die cast chassis

Audio Performance FM

Audio Output (95% mod. mono 1kHz)... 750mV
Sensitivity (75 Ohm Input) .... IHF (3%)................................ 12dBμV
                                                    50dB S/N................................ 16dBμV
Selectivity 75dB
IF Suppression 70dB
Pilot Tone Suppression 68dB
Stereo Separation... >40dB
S/N Ratio, mono/stereo (CCIR-ARM).. 74/69dB
1kHz THD @ 50kHz DEV. (A-WTD) mono/stereo 0.5%
Aerial Input .... 75 Ohm coaxial

Audio Performance AM

Sensitivity .... 20dB S/N................................ 50dBμV
S/N Ratio (max).. 52dB
THD (typ)... 1.3%

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.