

User Instructions
Cyrus System Commander

THE CYRUS SYSTEM COMMANDER

Congratulations on the purchase of your *Cyrus System Commander*. The *System Commander* is an important accessory, designed by Mission to give full remote control of a *Cyrus* audio system from the comfort of your listening position.

To enable you to make full use of the comprehensive facilities available from your *Cyrus System Commander*, we suggest that you read the following sections fully, storing this handbook in a safe place for future reference, if necessary.

Before using the *System Commander* for the first time, you will need to fit the batteries. Four batteries are supplied packed in the box. First, unwrap the *System Commander* and the batteries. Now proceed to the next section for battery fitting instructions.

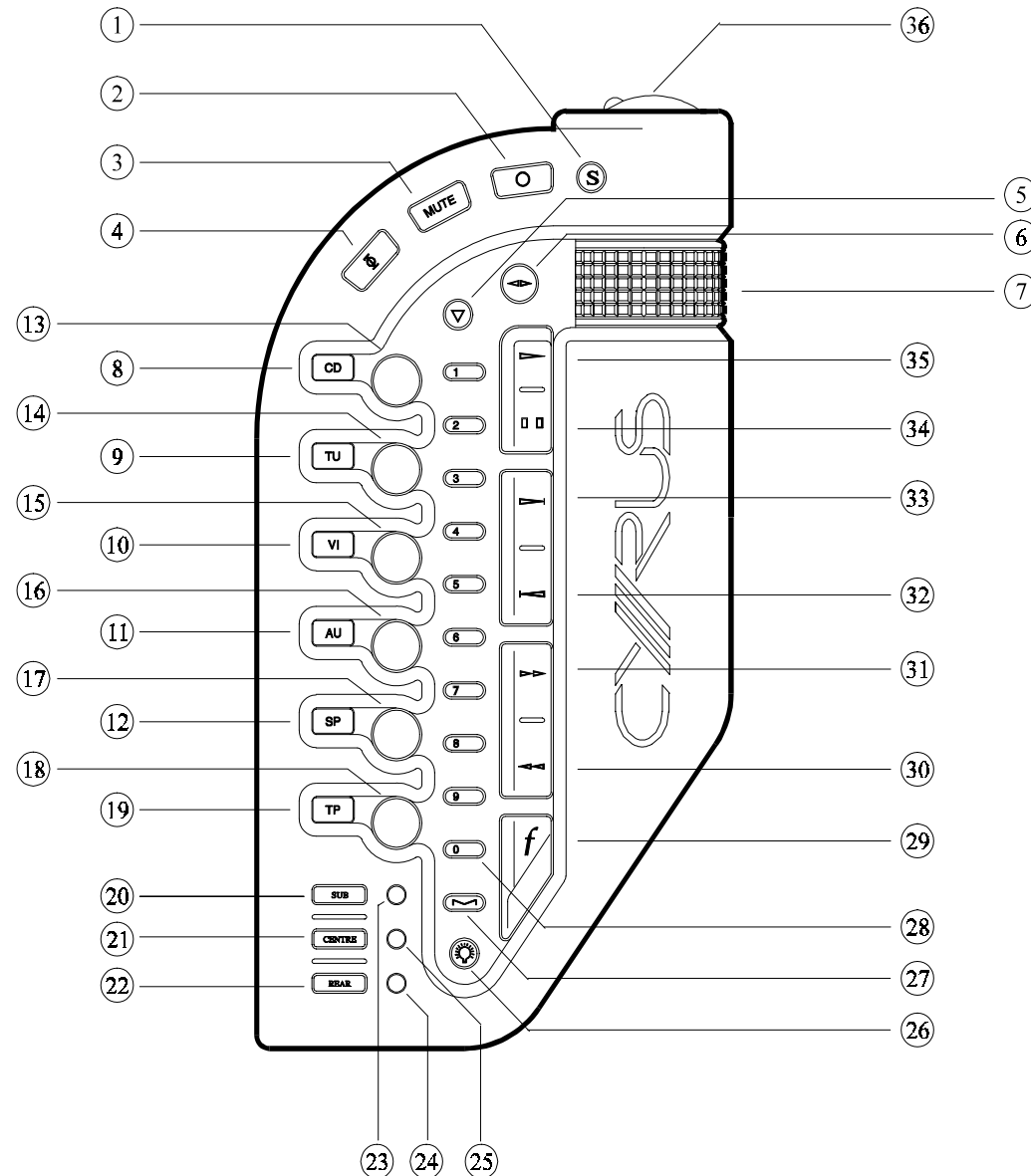
FITTING THE BATTERIES

The battery compartment is located underneath the *System Commander*. First place the *Commander* face down on a soft cloth or similar surface.

Now remove the lid from the battery compartment by inserting a small coin or the tip of a screwdriver into the slot at the top of the lid to release the catch. The lid will then lift away from the body of the *System Commander*.

The battery holder can now be removed, giving access to the four battery positions, located on both sides of the holder. Taking care not to stress the wires, fit a battery in each position. Ensure that the polarity of the batteries is correct and matches the diagrams marked inside the holder. Batteries which are fitted incorrectly may damage the sensitive electronic circuitry of the *System Commander*.

Refit the battery holder inside the body of the *System Commander* and replace the battery compartment lid. First engage the two small clips at the bottom of the lid, then press the top of the lid home. Your *System Commander* is now ready for use.



- 1. Sleep Key
- 2. Power Off
- 3. Mute
- 4. Phase
- 5. Mono Key
- 6. Balance Key
- 7. Level Thumbwheel
- 8-12. System Indicators
- 13-17. System Selectors
- 18. Tape Selector
- 19. Tape Indicator
- 20. Sub-Woofer select
- 21. Centre level select

- 22. Rear level select
- 23-25. AV Mode Indicators
- 26. Display Key
- 27. Memory Store
- 28. Number Keypad
- 29. Function Key
- 30. Quick Search - Reverse
- 31. Quick Search - Forward
- 32. Previous
- 33. Next
- 34. Pause key
- 35. Play Key
- 36. Transmission Lens

**CYRUS SYSTEM COMMANDER-
A QUICK GUIDE TO THE KEYS**

Power Control

- Sleep Key (*page 6*) ①
Used for setting sleep time memory.
- Power Off (*page 6*) ②
Sets all system components to Standby.

Level and Channel Status Control

- Mute (*page 12*) ③
Sends a mute command to all amplification components.
- Phase (*page 9*)..... ④
Changes the absolute phase setting for digital system components which support this feature.
- Mono Key (*page 9*)..... ⑤
Sets mono for radio tuners.
- Balance Key (*pages 7,10,11*)..... ⑥
Sends a command to prepare amplification components for balance adjustment.
- Level Thumbwheel (*pages 7,10,11*)..... ⑦
Sends volume and balance adjustment commands.

System Selectors

- System Indicators (*page 8*) ⑧-⑫
Status indicators which glow to show which program source is in use. The indicator colour changes for Stereo use (Red) or AV Multichannel use (Green).
- System Selectors (*page 8*)..... ⑬-⑰
These keys switch on the power for the selected program source, provide audio input selection at the amplifier and video input selection for an AV system..

Tape Recorder Control

- Tape Selector (*page 8*) ⑱
To select Tape input of an amplifier.
- Tape Indicator..... ⑲
Status indicator which glows when a Tape select command is sent.

AV Multichannel Level Mode Select

- Function Key (*pages 7,10*)..... ⑳
System selector for Stereo or AV Multichannel.
- Sub-Woofer (*page 11*)..... ㉑
Used for AV Multichannel products. When the indicator ㉑ glows, the *System Commander* can send Sub-woofer level adjustment commands.

- Centre Key (page 11) (21)
Used for AV Multichannel products. When the indicator (24) glows, the *System Commander* can send centre channel level adjustment commands.
- Rear Key (pages 11,12)..... (22)
Used for AV Multichannel products. When the indicator (23) glows, the *System Commander* can send rear channel volume and balance adjustment commands and can also set the characteristics of the surround environment.

Command Keys

- Display Key (page 9) (26)
For selection of display mode and illumination.
- Memory Store (pages 9,12) (27)
Used in conjunction with the number keypad to store a program entry or preset memory.
- Number Keypad (pages 9,12) (28)
Allows direct numeric selection of tracks and memories. Also for selection of a surround environment and for sleep time entry.
- Quick Search << (page 9) (30)
Fast reverse search functions where available.
- Quick Search >> (page 9) (31)
Fast forward search functions where available.

- Previous < (pages 9,12) (32)
Will skip to the previous track/broadcast station, depending on the system selected.
- Next > (pages 9,12) (33)
Will skip to the next track/broadcast station, depending on the system selected.
- Pause Key (pages 9,12) (34)
Sends a Pause command to the selected source. If this key is pressed twice quickly, a Stop command is sent.
- Play Key (pages 9,12)..... (35)
Sends a Play command to the selected source

Infra-Red Transmission System

- Transmission Lens (pages 6,11)..... (36)
Lens through which all commands are transmitted. For reliable transmission this lens should be directed at the *Cyrus* system when a command is sent.

POWER CONTROL**Power on**

The *System Commander* provides power control for all *Cyrus* system products which have a remote control facility. To switch on the power to your chosen program source, press the appropriate SYSTEM SELECT key (13)-(17). The indicator adjacent this key will glow briefly to confirm your selection. The system component selected (for example, the CD player if CD (13) is pressed) will now power on, and the amplifier or preamplifier will also power on, set to the appropriate signal input. If another system select key is now pressed, then the second system component (for example the tuner if TU (14) is pressed) will now power on, and the amplifier will select the correct input.

Power off

To switch off the power to a complete *Cyrus* system, press the POWER OFF key (2). This will switch *all* system components to Standby with a single key press.

Power off after a preset delay (SLEEP)

A power off delay feature is also available to allow the system to play for a set time before setting to Standby. This may be useful for late-night listening, ensuring that

the system will switch off if unattended. When a sleep time is set in the memory of the *System Commander*, all other functions will continue as normal. To set the sleep timer proceed as follows. First press the SLEEP key (1). The current SYSTEM SELECT INDICATOR (8)-(12) will now glow for a period of five seconds. Whilst the indicator glows, enter the required sleep time as a two digit number in minutes using the NUMBER keypad (28). For example, pressing numbers 0 then 7 will set a sleep time of seven minutes. To acknowledge that a sleep time has been set, the current SYSTEM SELECT INDICATOR (8)-(12) will now flash red/green twice briefly. When leaving the system to switch to Standby under sleep control, remember to position the *System Commander* so that *all* system components can receive the command when sent from the TRANSMISSION LENS (36).

Clearing a SLEEP Time from the Memory

To clear a sleep time from the memory, press the SLEEP key (1) then enter time '00' using the NUMBER keys (25). The current SYSTEM SELECT INDICATOR (8)-(12) will now switch off without flashing red/green (indicating that the preset time has been cleared).

VOLUME AND BALANCE CONTROL

Volume and balance control for all *Cyrus* systems are available from the *System Commander*. These systems may be a conventional stereo system using either a *Cyrus III* amplifier or *Cyrus Pre-amplifier*, a full *Cyrus* or *Mission* Audio Visual Multichannel system or a combination of Stereo and AV products. A single thumbwheel LEVEL CONTROL (7) is used for all level and channel balance adjustments. For level adjustments, moving the wheel to the right will increase volume level, to the left will reduce volume level. For channel balance adjustments, moving the thumbwheel to the right increases the level of the right channel with respect to the left and vice versa. The current SYSTEM SELECT INDICATOR (8)-(12) will always flash whilst level change commands are being transmitted.

NOTE:- Refer to page 10 for guidance on level control of a *Cyrus* or *Mission* Audio Visual Multichannel system.

STEREO SYSTEM LEVEL CONTROL**Preparing for Stereo level control**

First press the FUNCTION key (29) briefly. The current SYSTEM SELECT INDICATOR (8)-(12) will glow. If the indicator glows Red, then the *System Commander* is already set to send Stereo level control commands and no further action is necessary. If the indicator glows Green, press and hold the FUNCTION key (29). Release the key when the colour of the SYSTEM SELECT INDICATOR (8)-(12) changes to Red. Stereo level control commands will now be sent.

NOTE:- When the *System Commander* is set for Stereo system control, the SUB-WOOFER, CENTRE and REAR keys (20), (21), (22) are inoperative.

Stereo Systems, Volume and Balance Control

First, refer to the section 'Preparing for Stereo level control' to check that the *System Commander* is set correctly for Stereo use. To adjust the volume setting, rotate the LEVEL CONTROL thumbwheel (7). To change the Left/Right balance setting, press the BALANCE select key (6), then adjust the balance setting using the LEVEL CONTROL thumbwheel (7).

SYSTEM SELECTORS AND INDICATORS

The SYSTEM SELECTOR keys ⑬-⑰ perform a number of functions. These include amplifier input selection, power control and changeover of command keys such as the numeric keypad and transport keys to operate the selected system.

The SYSTEM SELECT INDICATORS ⑧-⑫ will flash at all times when a command is transmitted. They provide confirmation of the selected system source each time a key is pressed and colour indication of level mode (Red for Stereo, Green for AV Multichannel).

Amplifier Input Selection

Five system select keys are provided. These are Compact Disc digital audio CD ⑬, Radio tuner TU ⑭, Video VI ⑮, Auxiliary AU ⑯ and SP ⑰. Each of these keys will select the appropriate amplifier input and switch power on for the source component where necessary (Refer also to the power control section, page 6). When a key is pressed, the SYSTEM SELECT INDICATOR ⑧-⑫ adjacent to the key will glow briefly. If used with an AV Multichannel system, these keys will also activate the Surround decoding device and select the correct video input where appropriate.

Tape recorder selection

The TAPE SELECT key ⑲ is also provided for tape recorder control. If the *System Commander* is set for stereo operation, the TAPE key ⑲ will enable the tape monitor input of a *Cyrus III* or *Cyrus Preamplifier* to be selected or cancelled. When the *System Commander* is set for control of AV Multichannel systems, the TAPE key ⑲ will control the tape monitor circuit of a *Cyrus AV Surround decoder*. For more detailed instructions of the use of a tape recorder when using a full AV Multichannel system, refer to the *Cyrus Surround decoder handbook*.

MULTI-FUNCTION COMMAND KEYS

The command keys are numbered ③-④ and ⑳-㉓ on the diagram. These keys send commands to CD players, radio tuners and other signal sources.

When a system selection has been made, the command keys will also switch to operate the chosen music source.

The table opposite indicates the functions supported by the COMMAND keys for each selected system.

System selected →	CD (Compact disc)	TU (Radio tuner)	VI* (VCR)	AU* (Laser disc)	SP* (Satellite)	AV** Multichannel
Play ③⑤	Play/replay		Play	Play	Digit 1/2/3	Effect +
Pause ③④	Pause		Pause	Pause	Channel/freq	Effect -
Pause- (held) ③④	Stop/Load		Stop	Stop		
Next > ③③	Next track		Search >		Next	Surr mode +
Previous < ③②	Prev track		Search <		Previous	Surr mode -
Quick search >> ③①	Fast forward	Next station	Fast forward	Search >		Time delay +
Quick search << ③①	Rewind	Prev station	Rewind	Search <		Time delay -
Number keys ②⑧	Direct access	Preset select	Channel select	Direct access	Chan/freq select	Preset select
Store ②⑦	Program store	Preset store			Store	Store
Store- (held) ②⑦	Program review					
Display ②⑥	Display on/off	Display on/off		Display on/off	Display on/off	
Display- (held) ②⑥	Display scroll					
Mono ⑤		Mono				
Phase ④	Phase					

* When these systems are selected the related commands are transmitted in accordance with the Philips remote control standard (RC5). The *System Commander* can therefore provide control of a product which conforms to this standard when connected to the correct input of a *Cyrus* system.

**AV Multichannel commands are only available when the REAR indicator ②③ is on.

**AUDIO VISUAL MULTICHANNEL SYSTEMS-
SETTING THE AV SYSTEM ENVIRONMENT**

Cyrus and *Mission* audio systems now include the option of expansion into the field of audio visual entertainment. These systems may include a centre channel loudspeaker, rear channel loudspeakers and a sub-woofer to reinforce the AV sound stage. When using such an AV Multichannel system, it is necessary to fine-tune both the level balance between loudspeakers in the system and other characteristics of the sound environment, such as front to rear channel time delay for best effect. The *System Commander* can provide control of all these essential characteristics from the listening position. The following section describes the functions available.

NOTE:- The *System Commander* must be set for AV Multichannel use to enable these commands to be transmitted. For instructions on selection of AV Multichannel control, refer to the following section.

AV MULTICHANNEL LEVEL CONTROL**Preparing for AV Multichannel level control**

First press the FUNCTION key (29) briefly. The current SYSTEM SELECT INDICATOR (8)-(12) will glow. If the indicator glows Green, then the *System Commander* is already set to send AV Multichannel level control commands and no further action is necessary. If the indicator glows Red, press and hold the FUNCTION key (29). Release the key when the colour of the SYSTEM SELECT INDICATOR (8)-(12) changes to Green. Multichannel level control commands will now be sent.

AV Multichannel, Master Volume Control

To adjust the master volume level of *all* sound channels in an AV Multichannel system, rotate the LEVEL CONTROL thumbwheel (7). The overall system volume level will be adjusted.

AV Multichannel, Front Channel Balance Control

To adjust the Left/Right balance setting between the front channels, first press the BALANCE select key (6), then set the channel balance to the desired setting using the LEVEL CONTROL thumbwheel (7).

AV Multichannel, Rear Channel Volume Control

To adjust the volume level of the rear loudspeakers, first press the REAR key (22). The REAR indicator (23) will now glow Green. Whilst the indicator is lit, the LEVEL CONTROL thumbwheel (7) will adjust the level of the rear channels. Rear channel level adjustment may be cancelled by a second press of the REAR key (22) or by pressing either the SUB-WOOFER (20) or CENTRE (21) keys.

Multi-Channel AV Systems, Rear Channel Balance Control

To adjust the Left/Right balance setting of the Rear channels, first press the REAR key (22). The REAR indicator (23) will now glow Green. Whilst the indicator is lit, press the BALANCE key (6) then use the LEVEL CONTROL thumbwheel (7) to adjust the relative level between the two rear channel loudspeakers. Rear channel balance adjustment may be cancelled by a second press of the REAR key (22) or by pressing either the SUB-WOOFER (20) or CENTRE (21) keys.

AV Multichannel, Sub-Woofer Volume Control

To adjust the level of a sub-woofer (when used), press the SUB-WOOFER key (20). The SUB-WOOFER indicator (25) will now glow Green. Now use the LEVEL CONTROL thumbwheel (7) to set the volume level. Sub-woofer level adjustment may be cancelled by a second press of the SUB-WOOFER key (20) or by pressing either the CENTRE (21) or REAR (22) keys.

AV Multichannel, Centre Channel Volume Control

To adjust the volume level of a centre channel loudspeaker (when used), first press the CENTRE key (21). The CENTRE indicator (24) will now glow Green. Whilst the indicator is lit, the LEVEL CONTROL thumbwheel (7) will adjust the level of the centre channel. Centre channel level adjustment may be cancelled by a second press of the CENTRE key (21) or by pressing either the SUB-WOOFER (20) or REAR (22) keys.

Time-out for Sub-woofer, Centre and Rear Selectors

NOTE:- Selection for Sub-woofer, Centre or Rear channel level adjustment will cancel automatically after a four second period of inactivity, returning the thumbwheel to control Master volume level.

AV MULTICHANNEL-MODE SELECTION**Storing a system configuration**

To store a preferred system response configuration in a Surround decoder memory location, first press the REAR key (22). Whilst the REAR indicator (23) glows, use the NUMBER keys (28) in conjunction with the STORE key (27) as directed in the handbook for the *Cyrus* AV Multichannel decoder to save favoured settings. Stored settings include surround mode, delay time, relative gain settings for surround channels and source selection.

Selection of a programmed system configuration

To select a preset AV system response configuration, first press the REAR key (22). Whilst the REAR indicator (23) glows, use the NUMBER keys (28) to select the desired response from the decoder memory.

Front/Rear channel time delay adjustment

To adjust the rear channel time delay, first press the REAR key (22). Whilst the REAR indicator (23) glows, the QUICK SEARCH keys (30),(31) can adjust time delay.

Surround mode selection

To select a surround mode for a *Cyrus* AV Multichannel decoder, first press the REAR key (22). Whilst the REAR indicator (23) glows it is then possible to choose different modes of surround operation using the PREVIOUS (32) and NEXT (33) keys.

Stereo effect selection

To choose a stereo effect setting for an AV Multichannel system, first press the REAR key (22). Whilst the REAR indicator (23) glows choose the desired setting using the PLAY (35) and PAUSE (34) keys to step up or down.

SYSTEM MUTING**Mute**

All *Cyrus* systems include a facility to mute the sound output instantly, restoring the volume level to the previous setting when cancelled. The MUTE key (3) is provided for this purpose.

TROUBLE SHOOTING GUIDE

If you suspect that your *Cyrus System Commander* is not operating to specification, read through this section before contacting your dealer.

No response to commands sent, no light from the system indicators during transmission

- Batteries may be exhausted. Check by replacement with a new set.

Intermittent response to commands sent

- Batteries may be nearly exhausted. Check by replacement with a new set.
- Ensure that the transmission window of the *System Commander* is facing the *Cyrus* system.
- A very high level of light shining directly onto the system, such as a bright spotlight, may reduce the sensitivity of the system to commands sent. Try removing or re-positioning the light source to clear the problem.

Volume control will not adjust

- Check that the system indicators glow the correct colour when sending a command (Red for stereo, Green for AV Multichannel). If not, refer to pages 7 and 10 for instructions on setting for each system type.

Part of the system will not respond to commands

- Check that the system connections have been made correctly to the amplifier. Ensure that the CD player is connected to the CD input, radio tuner to TU etc.

Products from other manufacturers respond to commands from the *System Commander*

- The *System Commander* has been designed specifically to complement a system of *Cyrus* audio components. It is also possible that other products may share the same remote system and will respond to commands from the *System Commander*. This cannot be avoided.

MAINTENANCE

There are no user serviceable parts inside the *System Commander*. There is no reason for the user to remove the screws or dismantle the casing in any way. Exhausted batteries should be replaced by following the procedure on page 2. If the casing should need cleaning, wipe carefully with a chamois leather, slightly moistened with water. DO NOT use cleaning agents containing alcohol, spirits ammonia or abrasives which will damage the casing permanently.

SPECIFICATIONS**Electrical performance**

Usable battery voltage range	4-6 Volts
Battery type	4 x AAA (Alkaline)
Range	10 metres

Command systems supported

- *Cyrus* Amplifier
- *Cyrus* Tuner
- *Cyrus* CD
- *Cyrus* and *Mission* AV/Multichannel

Enclosure

Dimensions (WxHxD)	112 x 44 x 220 mm
Weight (inc batteries)	315 grams

The company reserves the right to change this specification without prior notice

Part No. RC-MANUL/Iss.01 File:HA7H1461

This guarantee only becomes effective if the guarantee card enclosed is completed by the Dealer and the purchaser and returned to MISSION or Distributor within 8 days of purchase.

This guarantee excludes:

- i) All damage caused through accident, misuse, wear and tear, neglect or through incorrect installation, adjustment or repair by unauthorised personnel.
- ii) Liability for damage or loss occurring in transit to or from the purchaser.

Claims under this guarantee must, whenever possible, be made through the Dealer from whom the equipment was purchased or if that is not convenient, through another authorised MISSION/CYRUS dealer.

MISSION shall not be liable for any consequential damage, loss or injury whatsoever, arising from or in conjunction with this equipment.

The cost of carriage (to or from the Dealer) shall be borne by the purchaser.

This guarantee is personal to the original Purchaser and is not transferable.

If equipment is found on examination to comply with the published specification, MISSION reserves the right to make a charge for examination and for return carriage.

No Dealer or Distributor has any authority to vary the terms of this guarantee.

Any unauthorised servicing will result in loss of guarantee.

We strongly recommend that you retain the sales receipt for your *CYRUS* equipment in case of any warranty claim.

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

