



Power from Mains

A Mains ON/OFF switch is located on the side panel. When ON, the power indicator (14) on the front panel will illuminate.

Public Address

Use this feature to amplify your voice or an external source. e.g. Musical keyboard e.t.c.

To amplify your voice:

Connect microphone(s) to either or both of the two mono microphone input sockets (11).

To amplify an external source:

Connect line level equipment using a stereo jack plug to the Aux socket (10). These inputs are passively mixed, so two microphones and an Auxiliary source may be connected simultaneously

Volume:

Adjust the Input Volume (3) to suit.

Stereo CD player

CD Player comes with its own Instruction Manual; please read this carefully in conjunction with this document.

Note: The remote control unit supplied with this equipment only operates the CD Player; you will require 2x AAA batteries.

Playing a CD

Please ensure that both the mains ON/OFF switch, located on the equipment rear panel, and the CD power ON/OFF switch, located on the front of the CD player, are in the ON positions.

The **TAPE/CD selector switch** (9) must be in the **IN** position. Follow the separate CD instructions to play the CD. Adjust the **TAPE/CD VOLUME** (4), **BASS** (7) **TREBLE** (6), and **BALANCE** (5) controls to suit.

Please note: when using the 2242 at high volumes it may be necessary to reduce the level of bass reproduction (by anticlockwise use of the Bass control) to ensure that the laser does not skip tracks. This possibility can be eliminated by connecting extension loudspeakers to the sockets (1).

Note: To avoid damage ensure that CD's are removed prior to carrying the 2242.

Stereo Cassette Deck

The tape deck fitted to this equipment has a 'one touch' record facility (the **PLAY** key follows the **RECORD** key down) and **cue** and **review** during playback. It also has Full Autostop, giving key reset and motor stop on all functions.

NOTE: It is important to keep the pinch wheel and heads clean in the usual manner to ensure good consistent performance.

Playing a Pre-recorded Tape

Ensure the **TAPE/CD selector switch** (9) is out for tape playback. Open the cassette door with the **STOP/EJECT** key and insert a pre-recorded tape. Close the door and press the **PLAY** key.

Adjust the **VOLUME** (4), **BASS** (7) **TREBLE** (6), and **BALANCE** (5) controls to suit. To pause the tape, press the **PAUSE** key.

Recording

When recording, the record level is automatically set to give easy, good quality recordings from **External Microphone**, **Auxiliary input** or **CD**.

Note: it is not possible to record both **CD** and **Auxiliary** inputs at the same time.

Recording from Microphone

Insert a blank cassette into the tape deck. Ensure the **TAPE/CD selector switch** (9) is in the **OUT** position. Plug microphone(s) into either of the two **MIC INPUT** sockets (11). Press the **RECORD** key. The red LED **I/P recording** indicator will illuminate (12) during recording.

Tip: When connecting microphones make sure the **INPUT VOLUME** (3) is initially set low to prevent acoustic feedback. Once connected, adjust setting to required volume.

Recording from CD

Insert a blank cassette into the tape deck. Ensure the **TAPE/CD selector switch** (9) is in the **IN** position. Press the **RECORD** key. The red LED **CD record indicator** (13) will illuminate during recording (13).

Recording difficulties

If your recording is blank, please check that the **TAPE/CD selector switch** (9) was correctly set - **IN** for CD recordings and **OUT** for microphone recordings.

Note: If the **RECORD** key on the cassette mechanism cannot be depressed, then check that the left-hand safety tab on the top edge of your cassette has not been removed to protect an original recording. A protected cassette can be reused by sticking a piece of self adhesive tape over the hole.

Useful Tips

- You may find when replaying a recording that a small amount of distortion is heard at the start, especially when the signal to be recorded is strong (loud). This can be overcome by allowing the automatic level control to settle before recording. Press the **PAUSE** key followed by the **RECORD** key. Allow a few seconds for the level to settle. Release the **PAUSE** key to start the recording.
- Reset the **turns counter** to zero whenever you wish to be able to return to the start of a particular passage.

Using your 2242 CD Cassette Recorder with Coomber accessories

Connecting to Coomber booster speakers / external amplifier (8)

The 2242 is designed to be compatible with **Coomber Booster Speakers** (model no. 2185/2186) which are ideal for increasing sound level.

Note: the 2242 requires 2 booster speakers for effective stereo operation. Use **EXT AMP L & R (8)** outputs to connect to an external amplifier, **Coomber Booster Speakers** or a mixing desk. The output level is not fixed and may be adjusted by using the **VOLUME, BASS, TREBLE** and **BALANCE** controls.

2 x Coomber 2185 or 2186 booster speaker will upgrade your 2242 to around 300 watts of music power.

Phone: **01905 25168** for more information.

External Loudspeaker Sockets (1)

External loudspeakers, e.g. Coomber 411, 415 and 420 can be connected as follows:-

- a. External and internal loudspeakers operating together (minimum external loudspeaker impedance = 8 ohm).
- b. External loudspeakers only (minimum external loudspeaker impedance = 4 ohm).

PREVENTING FEEDBACK

1. Make sure the microphone is switched off before switching the system on.

2. Ensure that the **VOLUME (13)** is turned down (anti-clockwise) to its lowest position.

3. Switch on the microphone.

4. Gradually turn up the **VOLUME (13)** until feedback just starts to occur (you should hear a whine noise) and then turn the volume down a little until you can no longer hear the feedback. You might have to experiment with the volume control to get optimum results.

Note: Some microphones are not designed for Public Address and further advice may be needed.

Stereo Headphones Sockets (2)

Connecting Coomber stereo headphones 1929 to the MASTER socket automatically disconnects the internal loudspeakers. Additionally, up to 5 more pairs may be used. If the MASTER socket is not used, then the internal loudspeakers are not disconnected and sound will be reproduced through the internal loudspeakers and any headphones connected.

Headphone Group Listening for more than six positions

Connecting our six position stereo headphone distribution system, 1908/PK C, to one of the stereo headphone sockets will allow up to eleven people the opportunity to listen at any one time.

Copyright

Your attention is drawn to the fact that copying pre-recorded tapes, CD's or other published material may infringe copyright laws.

Safety

Headphone

It is recommended that headphones and headsets are connected to Coomber equipment before placing over ears. You are advised only to use 600 ohm headphones such as the Coomber 1929 stereo. The use of low impedance headphone may result in hearing damage.

Mains Plug

The mains cable fitted to this equipment is already provided with a moulded plug. If UK type, a 3A fuse will be fitted. If another plug needs to be fitted, please follow instructions from the plug manufacturer, if necessary seek advice from a qualified person. DISPOSE OF ORIGINAL PLUG SAFELY. DO NOT RE-USE.

Electrical Safety Testing

Safety testing and servicing should only be carried out by qualified personnel.

Environments

The equipment should not be exposed to dust, moisture, water, chlorine and other corrosive substances in normal use or storage. It will cause damage to this equipment. Swimming pool atmospheres are very hostile to all electro-mechanical equipment (e.g. steel rusts and rubber perishes).

Equipment returned to us for repairs that show evidence of use in these environments may, at our discretion, be charged even during the 12 month warranty period.

Mains Voltage (UK)

220-240V 50Hz **Mains Cable** Line - Brown, Neutral - Blue, Earth Green/Yellow (applicable in UK and EC)

Mains Voltage (US)

110-120V 60Hz **Mains Cable** 3 wire (applicable in US)

Class II construction - electrical safety

Mains Plug fuse rating

3 Amp (applicable in UK)

Identification and rating information is located on a label on the base of the product

Additional Technical Information

If you require any further help or information, or if any point is not clear then please telephone **01905 25168/9** and our Technical Department will be pleased to help you.

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We reserve the right to make changes deemed necessary without prior notification.

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