

## Power from Mains

A Mains ON/OFF switch is located on the side panel. When ON, the green power indicator (9) on the front panel will illuminate.

## Power from an external 12 - 24v DC supply

Connect an external battery (12-24v) to socket (8). A DC power lead may be ordered directly from Coomber, to connect a car battery to the equipment. Order code: 1963.

## Public Address

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

*To amplify your voice:* Connect microphone(s) to either or both of the two mono microphone input sockets (2).

*To amplify an external source:* Connect equipment using a stereo jack plug to the Aux socket (3).

These inputs are passively mixed, so two microphones and an Auxiliary source may be connected simultaneously.

*Volume:* Adjust the Input Volume (16) to suit.

## Stereo Cassette Deck

The cassette deck fitted to this equipment has a 'one touch' record facility (the **PLAY** key follows the **RECORD** key down). **cue/review** is possible 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.

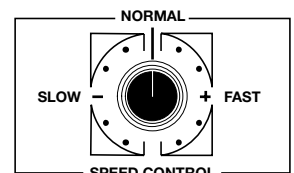
## Playing a Pre-recorded Cassette

Open the cassette door with the **STOP/EJECT** key and insert a pre-recorded cassette. Close the door and press the **PLAY** key. Adjust the **TAPE VOLUME** (15), **BASS** (13) **TREBLE** (11), and **BALANCE** (7) controls to suit. To pause the tape, press the **PAUSE** key.

## Variable Speed (Optional - 2240/V model)

A dial on the side panel varies the speed of cassette playback from -25% to +10%.

During recording, the speed control is automatically overridden.



## Recording

When recording, the record level is automatically set to give easy, good quality recordings from **External Microphone and Auxiliary Input**

## Recording from Microphone

Insert a blank cassette into the tape deck. Plug microphone(s) into any of the two MIC input sockets (2). Make sure the Input Volume (16) is low to prevent acoustic feedback. Press the **RECORD** key, this will cause the red LED **record indicator** to illuminate (1).

## Recording difficulties

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 cassette can be reused by sticking a piece of self adhesive tape over the hole.

## Useful Tips

a. 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.

b. Reset the **turns counter** to zero whenever you wish to be able to return to the start of a particular passage.

# Using your 2240 CD Cassette Recorder with Coomber accessories

## Connecting Coomber booster speakers

The 2240 is designed to be compatible with **Coomber Booster Speakers** (models: 2185/2186) which are ideal for increasing sound level.

**Note:** the 2240 requires 2 booster speakers for stereo operation. Use **EXT AMP L & R** (5,6) outputs to connect to a pair of **Coomber Booster Speakers**, External amplifier or amixing desk. Note that this output is not fixed level and follows adjustments made to the volume controls (15), (16). **BASS**, **TREBLE** and **BALANCE** will also affect these outputs.

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

Phone Coomber on **01905 25168** for more information.

## External Loudspeaker Sockets (12,14)

Use Coomber 415, 420 loudspeakers (8ohm). These loudspeakers are fitted with approx. 3m lead and 2 pin din connector. This type of socket allows you to listen to the External Loudspeaker OR the Built-in AND External Loudspeaker together, depending on which way round you connect the 2 pin din.

## Stereo Headphones Socket (10)

Connecting Coomber stereo headphones 1929s to the Headphone socket automatically disconnects the internal loudspeakers.

## Headphone Group Listening for up 6 positions

Connecting our stereo headphone distribution system, 1908/PKC to the stereo headphone socket will allow 6 headphones to be used.

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## SAFETY & GENERAL INFORMATION

**Headphones:** For personal safety and comfort connect headphones into equipment, turn volume down and then switch on **before** placing headphones over ears. For safety use only 600 ohm headphones (i.e Coomber type 1929).

**Environments:** The equipment should not be exposed to dust, moisture, water, chlorine and other corrosive substances in normal use or during 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 for repairs showing evidence of use in adverse environments may, at our discretion, be charged for even during the 12 month warranty period.

- Do not cover the ventilation openings with any items (e.g. newspaper, fabrics etc.)
- Naked flames, such as lighted candles, should not be placed on or near the apparatus.
- The apparatus should not be exposed to dripping or splashing. No objects filled with liquids, such as vases, should be placed on or near the apparatus.

**European Safety Standard:** All Coomber equipment complies with EN60065. Any local requirements for use of this equipment should be taken into account.

**Class I construction:** This equipment must be EARTHED.

### Mains Voltage

UK & EEC: 220-240V 50Hz: **Mains Cable:** Line - Brown, Neutral - Blue, Earth - Yellow & Green  
USA: 110-120V 60Hz: **Mains Cable:** Line - Black, Neutral - White, Earth - Green

**Isolate from mains supply when not in use by removing the plug from the wall socket.**

**Mains Plug:** The mains cable fitted to this equipment is already provided with a moulded plug. If another plug type is required, follow instructions from the plug manufacturer, or seek advice from a qualified person. DISPOSE OF ORIGINAL PLUG SAFELY. DO NOT RE-USE.

**Mains Plug fuse rating:** 3Amp to BS1362 (applicable in UK)

**Model type and rating information is located on a label on the rear 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** quoting your model number and serial number (located on a label on the rear of the product). Our Technical Department will be pleased to help you.

**Note:** This equipment contains no user serviceable parts and should only be disassembled and reassembled by competent qualified personnel. **Dismantling will render the warranty void.**

### Electrical Safety Testing:

- Safety testing and servicing should only be carried out by competent qualified personnel.
- When undertaking an earth bond safety test, only use the externally exposed metalwork. Do not test against internal metal components found inside tape mechanisms or CD trays - THIS WILL LEAD TO IRREPARABLE INTERNAL DAMAGE.
- The supply cable is part of a special assembly. If damaged the equipment should be returned to Coomber Electronic Equipment Limited or their agent for cable replacement.

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- Coomber reserve the right to change products and specifications without notice.
- All Coomber equipment is covered by a 12 months warranty against defective components or faulty manufacture from date of dispatch. Any modifications to or misuse of the equipment renders this warranty void.
- Equipment that is security marked or damaged cannot under any circumstances be exchanged.