

Power Ratings

240v	12v	24v
30w	10w	37w

Ratings quoted in Watts RMS using 4 ohm load.

Volume

The 2070 models have separate volume controls for the CD player (5) and the public address (PA) circuit (6). Set volumes for each as desired.

PREVENTING FEEDBACK

1. Make sure the microphone is switched off before switching the system on.
2. Ensure that the **INPUT VOLUME** (6) is turned down (anti-clockwise) to its lowest position and switch on the microphone.
3. Gradually turn up the **INPUT VOLUME** (6) 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 input volume to get optimum results.

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

Headphones

Headphones can be used with the 2070 via the H/P socket (3). Connecting headphones disconnects the internal loudspeaker. For safety you are advised to use 600 ohm headphones (i.e. Coomber 1929 type).

Always turn the volume switches down to the lowest setting prior to connecting and using headphones. **Turn the volume controls up only once the headphone wearer is ready to begin listening.**

Outputs

The external amplifier socket (7) provides a low level mixed output. A suitable connecting lead allows a 2185 or 2186 Coomber booster speaker to enhance the volume of the 2070 models by 160W. Booster speakers may be "daisy chained" together for further increases in volume.

The phono sockets (8) provide a low level fixed output from the CD player, suitable for recording to Coomber tape recorders or other equipment.

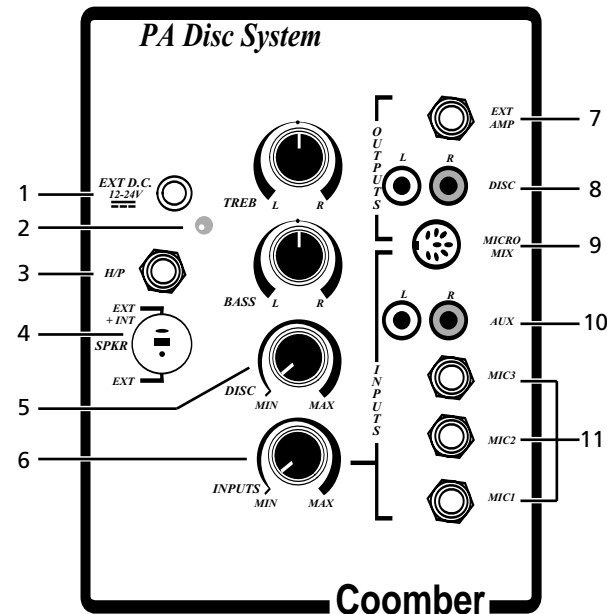
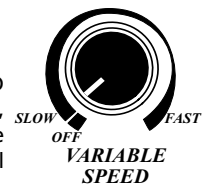
Inputs

The 2070 includes three microphone sockets (11) allowing up to three microphones (such as the Coomber 1918 type) to be used at one time.

Auxiliary sockets (10), allow CD, mini disc or other audio equipment to be connected and used as required.

Variable speed control option (where fitted)

A dial on the front panel varies the speed of CD playback from -25% to +10%. When not in use, the dial should be turned anti-clockwise to the OFF position, allowing the CD to return to normal speed.



Setting Up

Uncoil the mains lead and plug appliance into a mains socket. Switch on the 2070 using the switch on the side of the case.

The red LED (2) will illuminate.

Using an external D.C. power source

Socket (1) allows the equipment to operate from an external DC supply of between 12 and 24 volts. The red "Power" light (2) near the socket will illuminate if the polarity is correct. Always disconnect the DC source when not in use.

The Coomber 1959 rechargeable battery, fitted with fused lead and connector is suitable for use with this model. A battery charger, Coomber 1958, should be used to recharge the battery as necessary.

Sound Output

The Coomber 2070 offers high quality sound from its internal amplifier circuit and speaker. An extension speaker (model 411) can enhance performance.

The extension speaker may be connected directly to the reversible speaker socket (4). The socket allows sound to come from both the external and internal speaker or, from the external speaker(s) only.

SAFETY & GENERAL INFORMATION

WARNING: This equipment is fitted with a LASER diode which can harm the eyes. Do not attempt to disassemble the casing or use any part of the contents for any purpose other than its intended use.

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.

- The disposal of batteries (rechargeable or otherwise) where used in Coomber equipment should be discarded in accordance with local regulations.
- 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.

THE CD PLAYER

Ensure the **TAPE/CD** selector switch (4) is **IN** for CD playback

ATTENTION

In common with many CD players, it takes a few moments for the player to run a diagnostic check. Do not press any buttons until the LCD display has stopped flashing.

PLEASE NOTE: ALWAYS CLOSE THE CD TRAY WITH THE UNIT SWITCHED ON. PUSHING THE TRAY CLOSED WITH THE POWER OFF MAY LEAD TO DAMAGE DURING SUBSEQUENT TRANSPORTATION.

CUE/FORWARD SKIP

Press once to skip forward a track, press and hold to cue through the track being played.

REVIEW/BACK SKIP

Press once to skip back a track, press and hold to review through the track being played.

STOP

Press once to stop playing CD. The CD player will reset itself. Note: Random, Prog and Repeat settings will be lost when STOP is depressed.

PLAY/PAUSE

Press once to go play a track. Press again to pause play (seconds counter will flash). Press again to cancel pause mode and continue playing.

OPEN/CLOSE

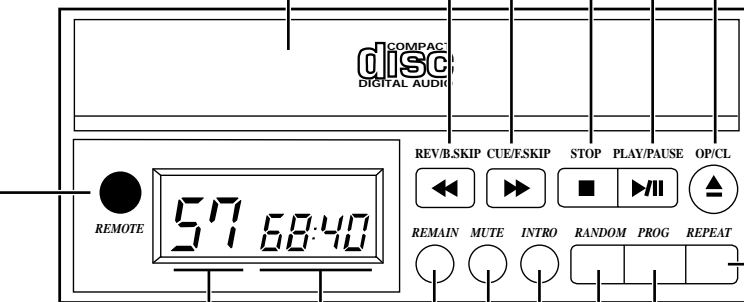
Opens and closes the CD tray. Overrides all other functions.

CD TRAY

Can be closed by pushing gently or by pressing the OPEN/CLOSE button.

REMOTE SENSOR

Infra red sensor allows operation of CD player by the RM05 remote control.



TRACK NUMBER

Up to 99 tracks can be selected and played.

TIME CLOCK

Shows total length of CD in minutes and seconds, track time elapsed or total time remaining of any CD playing.

REMAIN

Press to show how much total CD playing time remains. Press again to revert to track time elapsed.

REPEAT

Press once to repeat current track, press twice to repeat complete CD. Press again to cancel.

PROG

Press to programme CD player for personalised playback order (see below).

RANDOM

Press to allow the CD player to randomly select the play order of the tracks on the current CD. Press again to cancel.

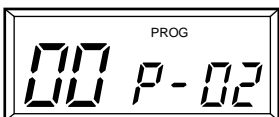
INTRO

Press to play the first ten seconds of each track. Press again to cancel.

MUTE

Press to mute sound. CD continues to play while MUTE is selected. Press again to cancel.

Program Mode

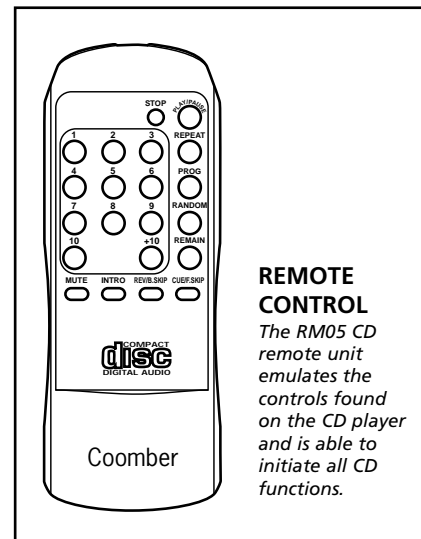


The CD player can be programmed to play any combination of tracks, in any order, on a CD. To do so, simply do the following:-

- 1 Insert a CD and wait for the display to show the number of tracks and the total CD time.
- 2 Press PROG once, then select a track using the REV/B.SKIP or CUE/F.SKIP buttons.
- 3 Repeat the process until all of the required tracks have been included.
- 4 Press PLAY to begin listening. The word PROG is displayed permanently while the programmed play list is playing.

Notes

- You can use REV/B.SKIP, CUE/F.SKIP and PAUSE in program mode, but pressing STOP, or ejecting the CD will cancel the memory.
- After 10 seconds of inactivity the PROG mode will shut down. Don't worry, simply press PROG again to return to the mode. Any input information will still be available (up to the last time the PROG button was pressed).



REMOTE CONTROL

The RM05 CD remote unit emulates the controls found on the CD player and is able to initiate all CD functions.