

Cassette Decks

Both decks have a 'ONE TOUCH RECORD' with Cue and Review on playback and full Autostop giving key reset and motor stop at end of tape on all functions. In addition, each deck has an LED (17 and 18) to indicate that the record function has been selected. NOTE: It is important to keep the pinch wheel and heads clean in the usual manner to ensure good trouble free performance.

Recordings

Recordings are Stereo. The level is automatically set on all functions to give good and easy recordings. To monitor sound preferably use headphones, but, if using internal loudspeakers, keep volume low. Recordings are unaffected by changes in volume (10) or balance (11) controls.

Power

The Mains ON/OFF switch is found on the side panel. The short whistle / burble that occurs when switching off is to be expected, and need be of no concern.

To Play a Pre-recorded Cassette:

- 'DECK LINKING' button (8) must be OUT.
- Select 'NORM' copy function (4).
- Press play key (Either deck A or B may be used).
- Adjust volume (10) and stereo balance (11) to suit.

To Copy Cassettes:

- Insert master cassette in Deck A and blank cassette in Deck B (you cannot copy from Deck B to Deck A).
- For 'NORMAL SPEED' copy, press button 4. For 'FAST SPEED' copy press button 3. For 'ENHANCED' copy at normal speed press button 5.
- If 'DECK LINKING' button (8) is out, then simultaneously press play key on Deck A and the record key on Deck B. If 'DECK LINKING' button (8) is in then press record on Deck B; when play key on Deck A is pressed both decks will start together.
- Monitor sound with volume control (10) either through internal loud speakers or headphones.

To Record from Microphone

- Make sure volume is turned down (to prevent audio feedback)
- Connect a pair of microphones for stereo recording to jack sockets 1 & 2, or connect a single mic to jack socket 2 for mono recording.
- Press MIC function button (6).
- Ensure that 'DECK LINKING' button (8) is out.
- Recording will take place on either or both decks simultaneously when their respective record keys are pressed.
- The input may be monitored through the internal loudspeakers or headphones.

Note: the proximity of the microphone to the speakers may cause acoustic feedback (a howling noise). To eliminate this reduce volume control (10) or better still, use headphones.

Note: Recordings are made with Automatic Level Control (ALC) in operation for ease.

To Record from External Signal Source (CD)

- Use stereo 1/4" jack socket (14) or for CD use R & L Phono sockets (15).
- Press 'LINE' function button (7).
- Ensure 'DECK LINKING' button (8) is out.
- Recording will take place on either or both decks simultaneously when their respective record keys are depressed.
- The input may be monitored through the internal loudspeakers or headphones via socket (12).

Low level Output

A low level Stereo signal may be obtained from the Headphone socket (12). This is useful for feeding into Coomber booster speakers or an external amplifier / sound system

Stereo Headphone Socket (12)

Connection of headphones automatically disconnects internal loudspeakers. FOR SAFETY - USE ONLY COOMBER 1929 600Ω HEADPHONES.

Turns Counters (19 & 20)

Each Deck is fitted with its own counter - especially useful for copying sections, editing and creating new cassettes. Each counter may be reset independently at any time. When using both decks, a small variation in the counter reading may exist between Deck A and Deck B, normally caused by variations in cassette length, tape thickness and shell mechanics.

Enhance Copy (5)

Sometimes the master cassette is of poor quality. Using ENHANCE COPY raises the level of the recording on the copy cassette, minimising further degradation. This function operates at normal speed.

Record Fade (9)

- For 'fade in' at start of recording. The recording deck(s) must have record and pause keys depressed. Push and hold down 'record fade'. To start recording, release pause, quickly followed by 'record fade'.
- For 'fade out' at end of recording. Push and hold down 'record fade' for a minimum of 3 seconds. Then stop or pause recording deck(s). It is suggested that a few practice recordings are made to appreciate the function of this facility. Note: The effect of record fade is not monitored on the internal loudspeakers or headphones.

Continous Playback

- 'DECK LINKING' button (8) must be IN.
- Press 'LINE' button (7).
- Put cassettes to be played in both decks
- Press deck 'A' play key: deck 'A' will start playing.
- Press deck 'B' play key: deck 'B' will only start playing when deck 'A' stops.
- When deck 'B' is playing, another cassette may be loaded into deck 'A' and its play key pressed, so that when 'B' stops 'A' will play again.

Continuous Recordings from External Microphone, Radio etc.

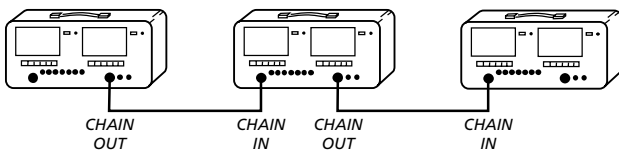
- Press 'DECK LINKING' button (8) IN .
- Connect external signal source or microphone and press 'LINE' (7) or 'MIC' button respectively. (6)
- Put blank cassettes in both decks.
- Press deck 'A' RECORD key: deck 'A' will start recording.
- Press deck 'B' RECORD key: 'B' will only start recording when deck 'A' stops.
- Once 'B' deck is recording, a new blank cassette may be loaded into deck 'A' and the RECORD key pressed so that when deck 'B' stops 'A' deck will continue the recording.

This procedure may be continued as long as is required. (You may find it useful to number the cassettes as they are recorded). Note: There will be a delay of up to 15 seconds as Deck A stops and Deck B starts.

This time may be reduced -

- By winding the second tape to the start of the recording section.
- To about 5 seconds by using leaderless cassettes.
- By stopping the Deck currently recording just before the end.

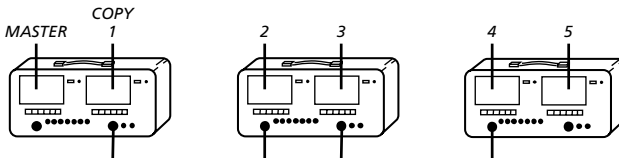
Chaining



Chain LED will illuminate to verify connection

To make multiple copies or extended 'continuous' copies it will be necessary to CHAIN two or more 844 Copiers together with the connecting lead (Part No.1965) using socket (13) and (16). Button Selections (3-9) MUST be repeated on each 844 in the chain. We advise older models of 844 to be added on the end of the chain

Multi Tape to Tape Copying of an Original Master Cassette



Chain LED will illuminate to verify connection

- All 844's switched on at mains supply.
- Put Master cassette in Deck A of the first 844 in the chain and blank cassettes on other Decks.
- Select the same 'COPY' mode e.g FAST on each 844.
- Independent or simultaneous deck start.
 - For independent Deck start, ensure 'DECK LINKING' buttons (8) are OUT - press RECORD keys on copy decks and PLAY key on Master Deck.
 - For SIMULTANEOUS Deck start, ensure 'DECK LINKING' buttons (8) are IN - press RECORD Keys on all copy decks. When PLAY key on Master Deck is pressed, all decks will start together.

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

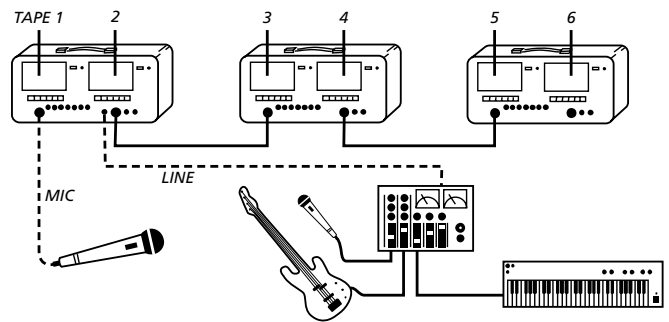
Coomber Electronic Equipment Ltd.

Brindley Road, Warndon, Worcester, WR4 9FB, U.K.

Tel: 0044 (0)1905 342070
Fax: 0044 (0)1905 759170

e-mail: sales@coomber.co.uk
web: www.coomber.co.uk

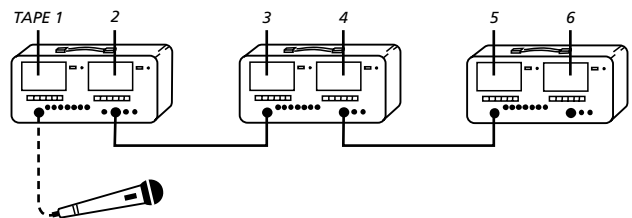
Multiple Copies from an External Microphone, CD, Mixer, etc.



Chain LED will illuminate to verify connection

- All 844's must be switched on at mains supply.
- 'DECK LINKING' buttons (8) must be OUT on all 844's.
- Select 'MIC' or 'LINE' function on all 844's.
- Press RECORD keys on each deck as quickly as possible before recordings start.

Continuous Recording from a Microphone or an External Signal Source



Chain LED will illuminate to verify connection

- All 844's must be switched on at mains supply.
- 'DECK LINKING' buttons (8) must be IN on all 844's.
- Select 'MIC' or 'LINE' function on all 844's.
- Press Record keys on each Deck on order above 1-2-3-4-5-6 etc. Any other order of selection will cause decks to start in a random fashion.

Note: This feature offers unattached recordings, but when 844's are chained together, the cyclic feature of the individual machine is lost.

Useful Advice

It is easy to create your own cassette. With a little practice you can copy source material from different cassettes and insert instructional material from microphone. Use Cue and Review on Deck A for searching through your source cassettes.

Copyright

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

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.

- 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.