

## HOW TO WRITE CD TEXT

1. Insert a recordable disc
2. Press TEXT to select DISC NAME or ARTIST NAME. After about 2 seconds, a flashing cursor will appear at the left hand side of the display.
3. Rotate the DIGITAL RECORD LEVEL (◀ ▶) control to find a character; then press the same control to select and move the cursor one space to the right. Repeat this procedure until finished, then press TEXT to store the information.  
**Note:** it is possible to use the TITLE/MODE button as a shortcut for accessing lower case, upper case and digit/symbol characters.
4. Confirm that the TEXT has been stored by pressing the TITLE/MODE button.
5. To write a TRACK NAME, select the relevant track using ◀ ▶, then press TEXT. After about 2 seconds, a flashing cursor will appear at the left hand side of the display.
6. Rotate the DIGITAL RECORD LEVEL (◀ ▶) control to find a character; then press the same control to select and move the cursor one space to the right. Repeat this procedure until finished, then press TEXT to store the information.
7. Confirm that the TEXT has been stored by selecting the track and then pressing the TITLE/MODE button.
8. CD Text can also be entered from the remote control (see page 30 of the operations manual).

## HOW TO MAKE A DISC PLAYABLE IN A STANDARD CD PLAYER - FINALIZE

1. Insert the recorded CD-R or CD-RW which you want to finalize. Note: many CD players are unable to read CD-RW type discs even when finalized.
2. Press FINALIZE and then wait for the display to show approximately 2 minutes on the counter.
3. Press PLAY to start finalization. This process takes approximately 2 minutes. Do not disturb the CDRB30 during finalization. You may notice the count down pause temporarily during finalize - this is normal.

## MENU FUNCTIONS

- COPY [PERMIT; ONCE; INHIBT]
- FADER [1 to 12 seconds]
- T.INC [OFF; 1min; 3min; 5min]
- A.LVL [-78 to -24dB]
- D.VOL [-84 to +20dB]
- BALANCE [L>C>R; 29 steps]



FIRST WE LISTEN

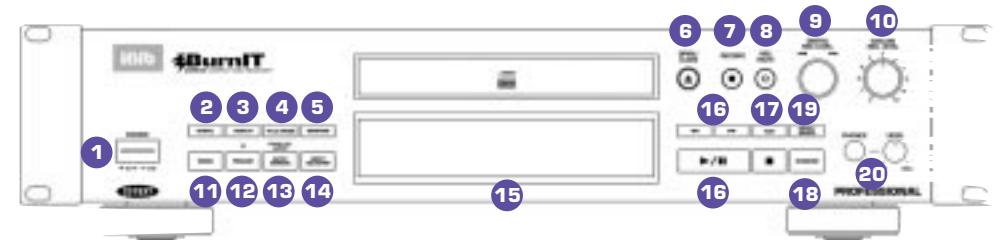
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## QUICK REFERENCE GUIDE

**BurnIT** COMPACT DISC RECORDER  
CDRB30 COMPACT DISC RECORDER



## FEATURES & FUNCTIONS

- 1 POWER SWITCH**  
Turns power to the unit on and off.
- 2 SCROLL**  
Displays any CD Text information (if recorded), by scrolling the information across the display.
- 3 DISPLAY - BUTTON**  
Selects the different time display modes - elapsed track time, remaining track time, total disc playing time, etc..
- 4 TITLE/MODE**  
Selects the different name display modes; DISC NAME, ARTIST NAME and TRACK NAME if recorded.
- 5 MONITOR**  
Enables the user to monitor the input signal prior to recording. This is possible even without a disc in the machine.
- 6 OPEN/CLOSE**  
Press to open or close the disc loading tray.
- 7 RECORD**  
For manually starting recording.
- 8 REC MUTE**  
For creating 4 seconds or more of silence at the end of a recording.
- 9 ANALOG REC LEVEL**  
Used for adjusting the level of the analogue input source.
- 10 DIGITAL REC LEVEL**  
Used for adjusting the digital recording level, also accessing and setting the MENU functions and AMS track search.
- 11 ERASE**  
Allowing user to erase CD-RW discs - last track, range of tracks, TOC (un-finalize) and INITIALISE (complete physical erase of whole CD-RW).
- 12 FINALIZE**  
For making recordings Red Book compatible so that they can be played back in any CD player.
- 13 AUTO/MANUAL**  
Switches between automatic and manual track numbering modes.
- 14 INPUT SELECTOR**  
Selects the analogue, digital coaxial or digital optical input for recording purposes.
- 15 DISPLAY - SCREEN**  
Shows recording and playback levels, disc and track time information, CD Text, selected input and other useful system information.
- 16 TRANSPORT CONTROLS**  
Allowing playback, pause, FF, REW and STOP.
- 17 TEXT**  
Allows the naming of the DISC, and the ARTIST, and also individual TRACK names, before finalization. This information is stored on the disc once finalized and can be read back by any CD Text compatible CD player.
- 18 SYNCHRO**  
Allows automatic starting of recording from various sources, both digital and analogue. This is intended to simplify direct cloning of various source material [SYNC-1; SYNC-ALL; SYNC-FINAL].
- 19 MENU/DELETE**  
Is used to access the various MENU page functions and delete characters in CD text mode. [MENU: COPY; FADER; T.INC; A.LVL; D.VOL; BALANCE].
- 20 PHONES - LEVEL**  
Headphone socket (1/4") and headphone level control.

## HOW TO RECORD USING DIGITAL INPUTS

1. Insert a recordable disc (CD-R or CD-RW)
2. Use the INPUT SELECTOR to select either the OPTICAL or COAX digital input depending on how you have connected the source machine to your CDR830.
3. If necessary adjust the DIGITAL RECORD LEVEL by accessing D.VOL in the MENU (Function 5). PLEASE NOTE THAT MOST COMMERCIAL RECORDINGS ARE OPTIMIZED FOR LEVEL AND SO IT IS NOT NECESSARY TO ADJUST DIGITAL RECORD LEVEL. Use this control when the signal level is too low or when you want to equalise the level of several tracks.
4. Start the recording manually by pressing RECORD. The CDR830 will first display the type of machine connected to the input (e.g. DAT, CD, MD,) and then display the sample rate of the source material (32, 44.1, 48K). The machine will then flash SET-UP in the display whilst it is performing its Optimum Power Calibration (OPC). Once set-up has stopped flashing, press the PLAY button to start recording. Press STOP to finish the recording.

OR

- Start the recording automatically using SYNCHRO.
- Ensure that the source material is not playing otherwise CHECK INPUT? will appear in the display.
- Press SYNCHRO to select SYNC-1 which automatically copies 1 track (useful for compilations).
- Press SYNCHRO again to select SYNC-ALL which is used to copy all tracks automatically.
- Press SYNCHRO again to select SYNC-FINAL which is the same as SYNC-ALL except that the disc will, in addition, be finalized automatically about 1 minute after recording has finished. Press STOP at any time to manually terminate the recording.

When recording finishes, the display will show PMA REC whilst the Programme Memory Area is written. DO NOT DISTURB OR SWITCH OFF THE MACHINE DURING THIS PROCESS.

## HOW TO RECORD USING ANALOGUE INPUTS

1. Insert a recordable disc (CD-R or CD-RW)
2. Use the INPUT SELECTOR to select the analogue input.
3. Adjust the record level using the ANALOG REC LEVEL control preferably so that the signal peaks as close to '0' dBFS without going 'OVER'.
4. Start the recording manually by first pressing RECORD. The CDR830 will first display ANALOG and will then flash SET-UP in the display whilst it is performing OPC. Once set-up has stopped flashing, press the PLAY button to start recording. Press STOP to finish the recording.

OR

- Start the recording automatically using SYNCHRO.
- Ensure that the source material is not playing otherwise CHECK INPUT? will appear in the display.
- Press SYNCHRO to select SYNC-1 which automatically copies 1 track (useful for compilations).
- Press SYNCHRO again to select SYNC-ALL which is used to copy all tracks automatically.
- Press SYNCHRO again to select SYNC-FINAL which is the same as SYNC-ALL except that the disc will, in addition, be finalized automatically about 1 minute after recording has finished. Press STOP at any time to manually terminate the recording.

When recording finishes, the display will show PMA REC whilst the Programme Memory Area is written. DO NOT DISTURB OR SWITCH OFF THE MACHINE DURING THIS PROCESS.

## AUTO-STOP FUNCTION

- In SYNCHRO recording mode, if the source is 16-bit, recording will automatically stop if the level falls below -96dBFS for 5 seconds or more.
- If the source is 24-bit, recording will automatically stop when the level falls below -90dBFS for 5 seconds or more. This is due to the built in dithering circuitry of the CDR830.

## TRACK NUMBERING IN SYNCHRO & NORMAL MODES

- The CDR830 employs an intelligent track numbering scheme which adapts to the type of signal being recorded. It is also used to determine how the machine starts automatically in SYNCHRO mode.
- The following table shows how this scheme works.

MODE	INPUT	START METHOD	AUTO/MANUAL	TRACK INCREMENT METHOD
SYNCHRO	CD & MD [spdif]	Level > -90dBFS	AUTO	CD, MD Sub-code
SYNCHRO	DAT [spdif]	DAT START ID	AUTO	DAT START ID
SYNCHRO	ANALOGUE	Level > A.LVL in MENU	AUTO	LEVEL Threshold [A.LVL in MENU]
SYNCHRO	CD & MD [spdif]	Level > -90dBFS	MANUAL	None
SYNCHRO	DAT [spdif]	DAT START ID	MANUAL	None
SYNCHRO	ANALOGUE	Level > A.LVL in MENU	MANUAL	None
NORMAL	CD & MD [spdif]	Manual	AUTO	CD, MD Sub-code
NORMAL	DAT [spdif]	Manual	AUTO	DAT START ID
NORMAL	ANALOGUE	Manual	AUTO	LEVEL Threshold [A.LVL in MENU]
NORMAL	CD & MD [spdif]	Manual	MANUAL	None
NORMAL	DAT [spdif]	Manual	MANUAL	None
NORMAL	ANALOGUE	Manual	MANUAL	None

## HOW TO PLAY BACK

1. Insert a recorded disc and press PLAY. The display will show the ▶ symbol.
2. Use the ◀ and ▶ to rewind and fast forward respectively.
3. Turn the DIGITAL RECORD LEVEL, ◀ ▶ during playback to skip backwards or forwards to a different track.
4. Use the supplied remote control to start playback from a particular INDEX number (see operations manual).

## HOW TO ERASE (CD-RW ONLY)

1. There are 5 Erase modes for CD-RW; ERASE TOC (Un-finalizes a CD-RW)  
ERASE LAST (Erases last track)  
ERASE ALL (Erases all tracks)  
ERASE RANGE (Erases a range of tracks)  
INITIALIZE (see page 38 of the operations manual)
2. Press ERASE, then use 9 : to select the required erase mode.
3. Press PLAY.

