BurnIT™

CDR830 COMPACT DISC RECORDER

HHB CDR830PLUS COMPACT DISC RECORDER

FIRST WE LISTEN

HHB CDR830 BurnIT PLUS. Now you can burn pr

COMPACT DISC RECORDER CDR830 BurnIT PLUS

• KEY FEATURES

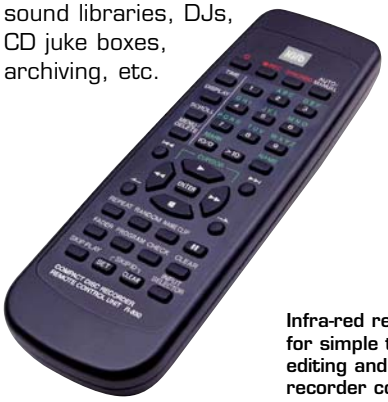
- **High-precision 24 bit A-D converters and 24 bit multi-level Delta Sigma D-A converters ensure exceptional sound quality**
- **CD Text display input and editing enables disc, artist and track names to be stored**
- **SCMS-free digital input**
- **Straightforward digital and analog synchro recording with 1 Track, All Tracks and All Tracks with Finalize synchro modes**
- **Digital input gain control enables balancing of recordings made from different digital sources, e.g. CD, DAT, MD, etc.**
- **Digital left-right balance control**
- **Double speed CD finalization**
- **Word clock input**
- **Optical, coax and balanced digital I/O's**
- **Balanced analog I/O with selectable line/mic gain setting on input**

• ALL WE'VE CUT IS THE PRICE

As you'd expect from HHB, value and quality are inherent in the design and engineering of the new HHB CDR830 BurnIT CD Recorder. Featuring high precision 24 bit A-D converters with 24 bit multi-level Delta Sigma D-A converters, the CDR830 BurnIT delivers recordings of the highest possible quality. The precise design of the CD laser assembly means that every single CD-R and CD-RW disc written by the BurnIT is exceptionally accurate, providing greater compatibility with other CD players and recorders. Solidly built for studio use, the BurnIT records on readily available, low cost discs (see right) and features an SCMS-free digital input with 3 easy to use synchro record modes and a built-in sample rate converter.

• STORE TEXT WITH YOUR RECORDINGS

The BurnIT's CD Text feature enables the user to store disc, track and artist names with every recording. This information is then displayed whenever the disc is played on a CD Text compatible CD player or recorder – perfect for demos, sound libraries, DJs, CD juke boxes, archiving, etc.



Infra-red remote for simple text editing and full recorder control.

A full complement of professional features

The CDR830 BurnIT features CD Text, enabling disc, artist and track names to be displayed. Up to 120 characters can be stored for each title, with up to 2000 characters stored in the BurnIT's memory from the last three unfinalized discs read. Once a CD-R is finalized, the BurnIT will read the text from the disc, not from memory, enabling text from other unfinalized discs to be stored.

The BurnIT's menu provides access to a number of other features. Fade in and out times can be adjusted from 1 to 12 seconds, the SCMS status of the disc you are burning can be set (Inhibit, Once, Permit) and IDs can be triggered on both analog and digital recordings (without subcode information) by adjusting the auto track increment level threshold from -24 to -78dB in 6dB steps.

ofessional CDs without burning your budget.

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Each entry can be up to 120 characters in length (including spaces), with the title scrolling if it is too long to fit in the display.

• DIGITAL RECORDING MADE SIMPLE

It's easy to record from CD, DAT, MD or hard disk using the BurnIT's SCMS-free digital input. A built-in SRC accepts sampling rates from 32kHz to 48kHz and there are 3 synchro modes: 1 Track, All Tracks and All Tracks with Finalize. When recording from a digital source, the BurnIT's digital record gain control can adjust the signal input level, enabling gain adjustment for individual tracks. This is perfect when recording a compilation CD from many different sources, since some tracks may be at a higher or lower volume level. Each digital input, both coaxial and optical, has its own level control. All signal levels can be monitored during recording or playback using the LCD meters, with an input monitor facility also provided. The BurnIT also has a left/right digital balance control, enabling the balance of digital and analog sources to be adjusted before they are recorded.

• CD-RW RECORDING

Five CD-RW erase modes deliver great flexibility when compiling recordings. These include erasing individual tracks, several tracks, all tracks, erasing the table of contents or erasing the entire disc.

A digital input gain control enables levels to be adjusted from +20dB to -84dB; from +12dB to -12dB in 0.5dB steps, +20dB to +12dB and -12dB to -24dB in 1dB steps, -24dB to -48dB in 3dB steps and from -48dB to -84dB in 6dB steps. The digital left/right balance control enables signals from a CD, DAT, MD or any other source, whether digital or analog, to be adjusted. The BurnIT also features three modes of digital and analog synchro recording for recording and finalizing CDs from any source, allowing you to record a single track at a time, all tracks at once or record and finalize the entire disc.

• WARNING! ALL DISCS ARE NOT THE SAME

The CDR830 BurnIT PLUS records on both standard and consumer audio CD-R and CD-RW discs. Unlike consumer audio discs, standard discs are widely available and are often lower in cost.
HHB produces a wide range of high performance CD recording media, optimised for professional audio use.

CDR74 GOLD
74 minute audio-optimised CD-R with gold reflective layer. Secure archival life in excess of 100 years.

CDR74 SILVER
74 minute audio-optimised CD-R with silver reflective layer. Secure archival life in excess of 100 years.

CDR74 SILVER P
74 minute CD-R with printable surface for use with inkjet printers.

CDR80 SILVER
Orange Book compatible 80 minute CD-R with an archival life of 200 years.

CDRW80
80 minute rewritable disc with exceptional direct over write performance.

CDR80 BULK INKJET
Bulk-packaged 80 minute CD-R discs. Orange Book compatible. Suitable for use with inkjet printers.

CDR80 BULK THERMAL
Bulk-packaged 80 minute CD-R discs. Orange Book compatible. Suitable for use with thermal printers.

TECHNICAL DATA

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GENERAL

Format . . . . . Compact Disc Recordable
Compatible discs . . . . . CD (playback), CD-R and CD-RW
Channels . . . . . 2 (stereo)
Power supply (Europe/Asia model) . . AC 230V, 50/60Hz
Power supply (US/Canadian model) . . . . . AC 120V, 60Hz
Power consumption 14W
Operating temperature . . +5°C to +35°C (+41°F to +95°F)
Weight (without packaging) 3.5kg (7.7lbs)
Weight (with packaging) 5.5kg (12.1lbs)
Maximum dimensions (WxDxH) . . . . 482 x 295 x 105mm (89mm high without feet)
19.0 x 11.6 x 4.1 inches (3.5 inches high without feet)
Remote control . . Parallel connector (mini DIN) or Infra-red
Accessories . . . . . Power cord, remote control unit, 2 x AA/R6P dry cell batteries, audio cable, operating instructions, HHB CDR80 Silver disc, HHB recording media brochure, HHB registration card.

AUDIO

Frequency response . . . . . 10Hz to 20kHz ±0.5dB
RCA phono output level (0dBFS, >10k load) 9dBu
Wow & flutter . . . . . Unmeasurable

Playback

Signal to noise ratio . . . . . >111dB
Dynamic range . . . . . >98dB
Total harmonic distortion @ 1kHz . . . . . <0.002%
Channel separation . . . . . >98dB

Recording (analog input)

Signal to noise ratio . . . . . >92dB
Dynamic range . . . . . >92dB
Total harmonic distortion @ 1kHz . . . . . <0.003%

Recording (digital SPDIF input)

Signal to noise ratio . . . . . >108dB
Dynamic range . . . . . >97dB
Total harmonic distortion @ 1kHz . . . . . <0.002%

All audio measurements are to EIAJ standards.

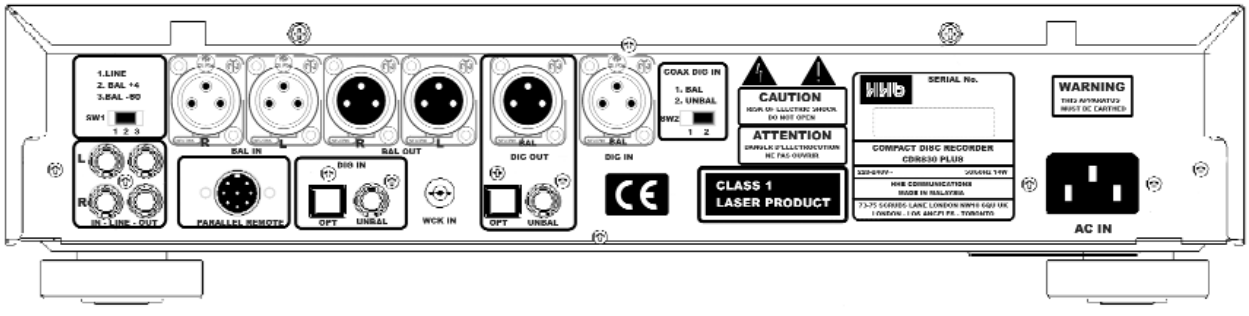
I/O CONNECTIONS

Analog connectors

Unbalanced line input . . RCA phono (input impedance 10kΩ)
Unbalanced line output . . . . . RCA phono
Balanced line input . . . . . XLR (F)
Balanced line output . . . . . XLR (M)
Headphone output . . . . . 1/4" stereo jack

Digital connectors

Optical digital input (SPDIF) . . . . . TOSlink, optical wavelength 660nm ±30nm
Optical digital output (SPDIF) . . . . . TOSlink, optical wavelength 660nm ±30nm
Coaxial digital input (SPDIF) . . . . . RCA phono, 75Ω, IEC958 type II
Coaxial digital output (SPDIF) . . . . . RCA phono, 75Ω, IEC958 type II
Balanced digital input . . . . . XLR 110Ω
Balanced digital output . . . . . XLR 110Ω
Word clock input (operating range 32kHz to 48kHz) . . . BNC



Dealer Stamp

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