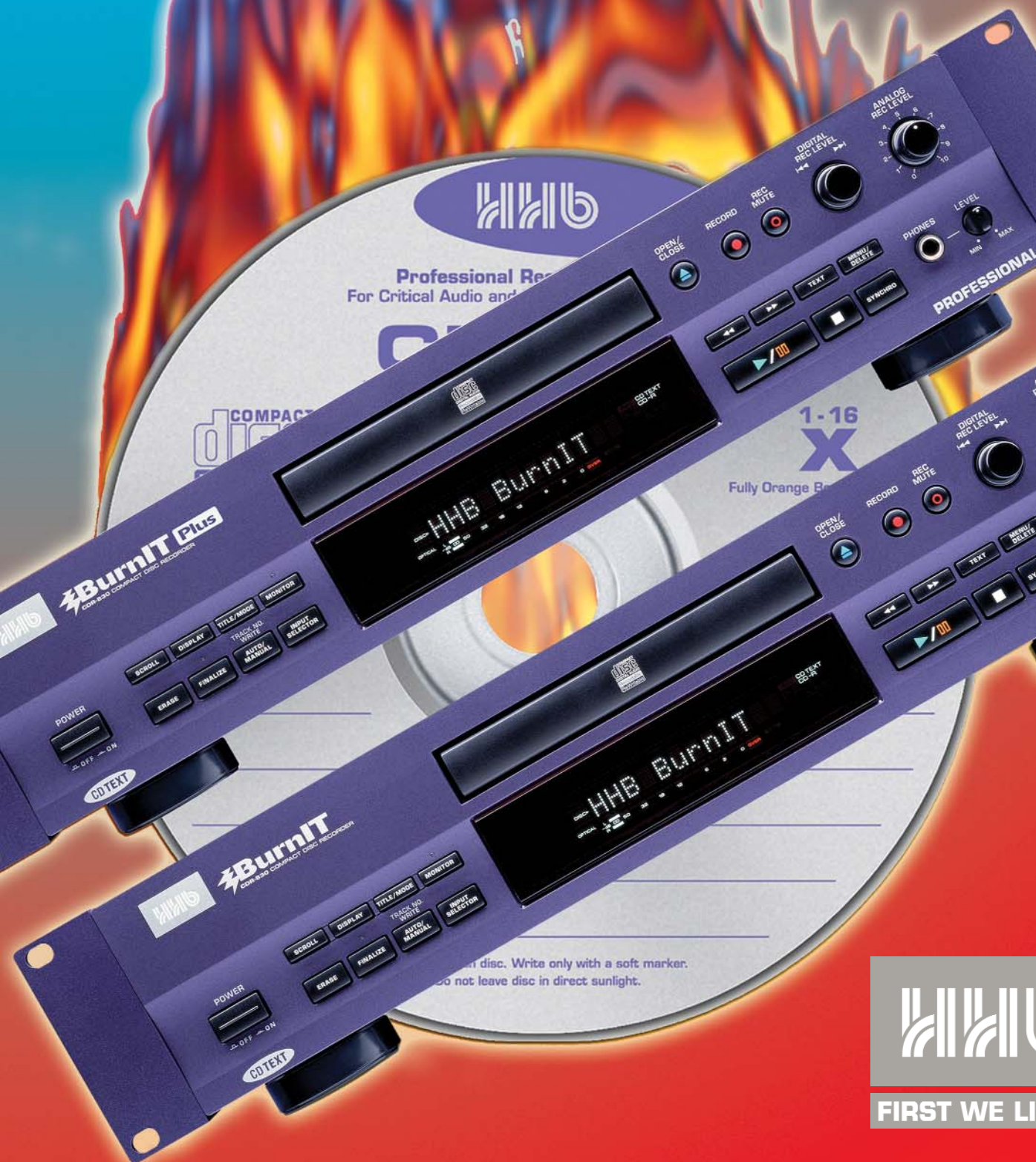


BurnIT™
COMPACT DISC RECORDER



HHB COMPACT DISC RECORDERS



FIRST WE LISTEN



HHB BurnIT CD Recorders. Now you can burn pro

COMPACT DISC RECORDER CDR830 BurnIT

• BurnIT CDR830

- High-precision 24 bit A-D and D-A converters
- CD Text display input and editing enables disc, artist and track names to be stored
- SCMS-free digital input
- Optical and Coax digital I/O's
- 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.
- Digital left-right balance control
- Double speed CD finalization
- Five CD-RW erase modes, erase individual tracks, several tracks, all tracks, erase the table of contents or erase the entire disc.

• BurnIT CDR830 PLUS

- Balanced digital I/O's
- Balanced analog I/O with selectable line/mic gain setting on input
- Word clock input
- Parallel Remote Connector



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 HHB CDR830 BurnIT CD Recorders. Featuring high precision 24 bit A-D converters with 24 bit multi-level Delta Sigma D-A converters, the BurnIT delivers recordings of the highest possible quality. The precise design of the CD laser assembly means that every single CD-R or CD-RW written by the BurnIT are exceptionally accurate, providing greater compatibility with other CD players and recorders. Built for studio use, the BurnIT also features an SCMS-free digital input with 3 easy to use synchro record modes and a built-in sample rate converter.

The BurnIT CD Text feature enables the user to store disc, track and artist names with every recording (Max 120 characters). 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.

EASY DIGITAL RECORDING

It's easy to record from CD, DAT, MD or hard disk using the BurnIT 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.

A full complement of professional features



The 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 CDR 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.

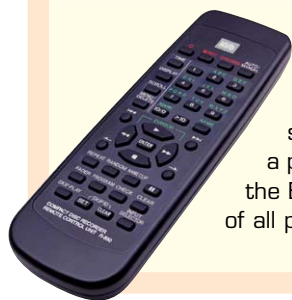


Professional CDs without burning your budget.



ADDITIONAL FEATURES WITH THE BurnIT PLUS

The new BurnIT PLUS builds on the already comprehensive feature set of the standard BurnIT by adding a range of additional features that allow the BurnIT PLUS to be integrated into any professional digital setup, these features include balanced XLR analog inputs and outputs with line/balanced



+4db/balanced -60db input gain switching, (the latter useful for directly connecting a dynamic microphone to the BurnIT PLUS' analog input), balanced XLR digital input and outputs, word clock input (enabling synchronized playback at 44.1k or 48k sample rates), and a parallel remote input - this range of connectivity along with the BurnIT's exceptional sonic quality should satisfy the needs of all professional users.



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.

BurnIT
COMPACT DISC RECORDER

• WARNING! ALL DISCS ARE NOT THE SAME

The HNB BurnIT 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.

HNB produces a wide range of high performance CD recording media, optimised for professional audio use.



CDR74 GOLD

The original audio-optimised disc, still manufactured to the original formula. HNB-branded and packed in jewel cases.

CDR74

74 minute, 650MB disc, HNB-branded and packed in jewel cases.



CDR80IP

Printable version of the CDR80 with a matt white disc surface optimised for use with inkjet printers. Packed in jewel cases.

CDR80

79 minutes 59 seconds extended record time from this 700MB disc. HNB-branded and packed in Jewel cases.



CDRW80

An affordable, rewritable CD-RW disc delivering 1000 erase/record cycles and a record time of 79 minutes and 59 seconds. HNB-branded and packed in jewel cases.

CDR80 BULK INKJET

50 disc Cake Pack of unbranded 80 minute discs for use with CD compatible inkjet printers.



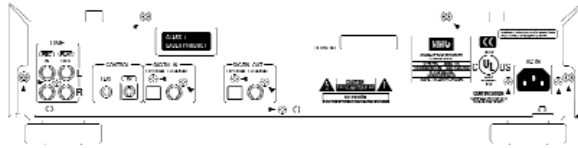
CDR80 BULK THERMAL

50 disc Cake Pack of unbranded 80 minute discs for use with CD compatible thermal printers.

TECHNICAL DATA

CDR830 BurnIT & CDR830 BurnIT PLUS

CDR830 BurnIT



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 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 ± 0.5 dB
 RCA phono output level (OdBFS, >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%



HHB CDR830 BurnIT

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

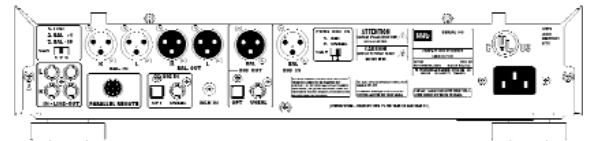
Unbalanced line input . . RCA phono (input impedance 10k Ω)
 Unbalanced line output RCA phono
 Headphone output 1/4" stereo jack

Digital connectors

Optical digital input (SPDIF) Toslink, optical
 wavelength 660nm ± 30 nm
 Optical digital output (SPDIF) Toslink, optical
 wavelength 660nm ± 30 nm
 Coaxial digital input (SPDIF) RCA phono, 75 Ω ,
 IEC958 type II
 Coaxial digital output (SPDIF) RCA phono, 75 Ω ,
 IEC958 type II

CDR830 BurnIT PLUS

Additional features for the CDR830 BurnIT PLUS



Analog connectors

Balanced line input XLR (F)
 Balanced line output XLR (M)

Digital connectors

Balanced digital input XLR 110 Ω
 Balanced digital output XLR 110 Ω
 Word clock input (operating range 32kHz to 48kHz) . . . BNC

General

Remote control Parallel connector (mini DIN)



HHB CDR830 BurnIT PLUS



FIRST WE LISTEN

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Dealer Stamp