



CDR-882 PROFESSIONAL DUAL DRIVE CD RECORDER

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CDR-882 KEY FEATURES

- Genuine dual recording drive configuration supporting 'DiscSpan' seamless extended recording time across 2 or more discs, simultaneous 'DualBurn' recording of 2 discs, and high speed duplication
- Ground-up design using audiophile circuitry for uncompromised sonic performance
- High-quality IDE CD-R drives deliver low error recording
- Robust, heavy-duty construction ensures reliable CD recording, even in unfavourable environments
- Supports all CD-R media
- Balanced and unbalanced analog I/O
- AES/EBU and S/PDIF (coaxial and optical) digital I/O
- Full 24-bit A/D and D/A conversion with dither
- Stable, quartz crystal-derived internal clock
- Internal SRC accepts digital inputs from 32 to 96kHz
- External word clock input
- RS232 remote control
- Parallel control interface
- Infra-red remote control
- Gapless track increments
- High-resolution metering
- CD-Text support
- 2U rack mounting chassis

THE ULTIMATE CD RECORDER

The HHB CDR-882 is a dual drive CD recorder designed from the ground up for uncompromised professional performance. With 'DiscSpan' seamless extended recording across two or more discs, simultaneous 'DualBurn' recording of two discs, and high speed duplication, the CDR-882 is equipped for a wide range of professional applications including live sound recording, plus use in houses of worship.

AUDIOPHILE CIRCUIT DESIGN FOR HIGH-END SONIC PERFORMANCE

The CDR-882 features full 24-bit A/D and D/A converters and a high-quality quartz crystal-derived internal clock. Unlike inferior CD recorders, the CDR-882 dithers the 24-bit A/D sample to the 16-bit CD format. Audiophile-grade analog circuitry also plays a key role in ensuring superior sonic performance.

TOUGH, PROFESSIONAL BUILD QUALITY

The pursuit of excellence continues in the area of build quality, with the CDR-882 weighing in at 6.7kg / 14.7lbs. High quality IDE CD-R drives are mounted in a massive steel chassis to ensure reliable, glitch-free recording, even in unfavourable environments including live concerts where ambient noise levels can be particularly high. Custom drive firmware ensures seamless track increments and full compatibility with CD Text.

WIDESPREAD MEDIA COMPATIBILITY

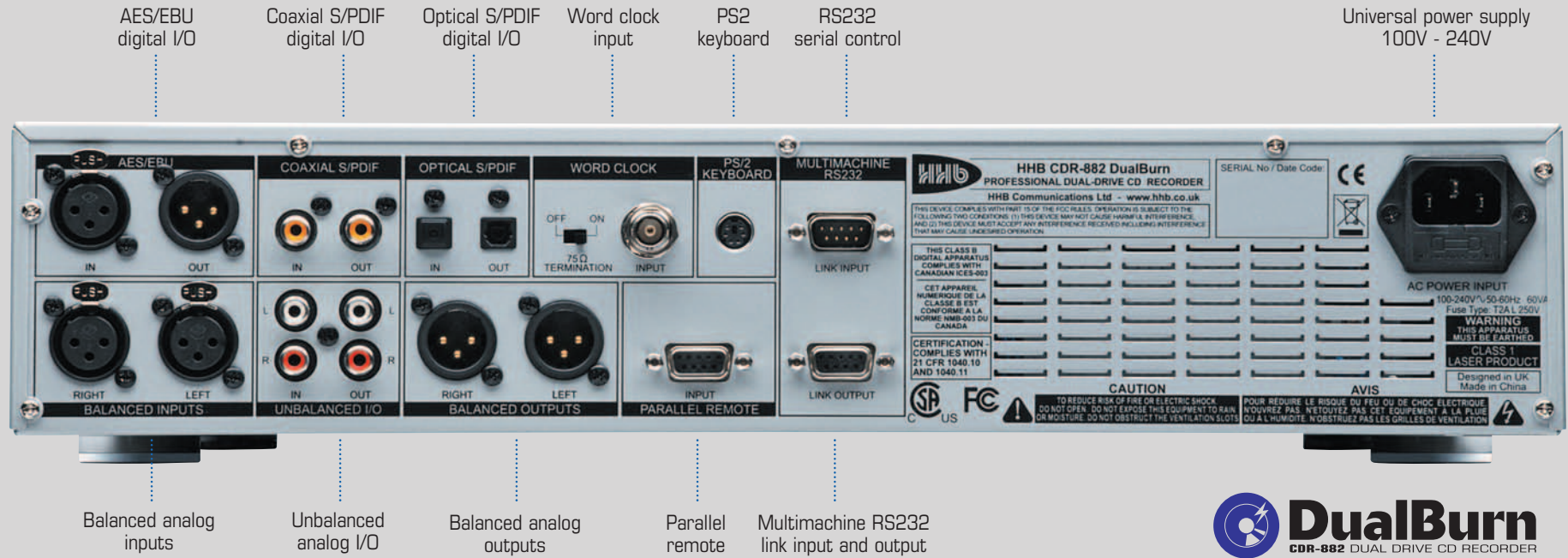
The CDR-882 is compatible with a huge range of CD-R media (including data discs), both low and high speed up to 52X, enabling high-speed duplication from one drive to the other at speeds limited only by the media being used.

COMPREHENSIVE FEATURE SET

A full complement of professional features equips the CDR-882 for a wide variety of pro CD recording and replay applications. Track IDs may be manually created, or auto-generated from the digital input, audio level threshold or time period,

CDR-882 CONNECTIVITY

The CDR-882 features comprehensive professional connectivity including balanced XLR analog I/O, unbalanced Phono/RCA analog I/O, balanced XLR AES/EBU digital I/O, coaxial and optical S/PDIF digital I/O, external word clock input, RS232 remote control and parallel control interface.



both user definable. DiscSpan mode overcomes the 80 minute limit of CD recording, by extending the recording across multiple discs. Tracks IDs are inserted when the next disc starts and when user-definable fade out and fade in start and finish. With an overlap between the two discs, the whole program can either be played back uninterrupted in the CDR-882, or easily reconstructed in a DAW using the track IDs to precisely align the audio from the two or more discs. DualBurn mode records two discs simultaneously producing two identical discs ideal for redundant or client



copies. Up to four recorders (ie eight drives) may be linked together producing 640 minutes of uninterrupted recording.

The CDR-882 supports CD Text, and uses it to identify multi-disc recordings and the correct order.

The versatility of the CDR-882 is enhanced further by the inclusion of Sync Record and Disc Copy modes, plus a Program mode to enable selective track record/replay.

HHB: WORLD LEADERS IN CD RECORDING TECHNOLOGY

HHB has successfully developed a number of professional CD recorders, with users relying daily on the HHB CDR800, HHB CDR850 and HHB CDR830 BurnIT in a variety of critical applications. In addition, HHB provides a range of CD-R media widely recognised as delivering consistently low block error rates, combined with excellent long-term archival security.



CDR-882 TECHNICAL DATA



HNB CD-R MEDIA

HNB produces a full range of CD-R media, including new CDR80HS 2x-52x high speed discs.



The CDR80HS is available jewel-cased, or bulk-packed in 50 disc cake packs with inkjet printable surfaces.



Frequency Response

S/N Ratio

THD+N

Channel Separation

Max Input Level

Output level (0dBFS)

Input Impedance

Output Impedance

Headphone Output

Digital I/O

Word Clock Input

Digital Input

Digital Output

Remote Control

Format

Compatible Media

Power Supply

Power Consumption

Weight (Ex Packaging)

Height with feet

Height without feet

Depth

Width

Supplied Accessories

5-20kHz ± 0.5 dB

96dB (16-bit limit)

0.004% (16-bit limit)

>90dB

24dBu (XLR)

10dBu (RCA/Phono)

22dBu (XLR)

8dBu (RCA/Phono)

>10k Ω (balanced)

>5k Ω (unbalanced)

<50 Ω

1/4" stereo jack

AES/EBU 110 Ω XLR

S/PDIF 75 Ω RCA/Phono coaxial

S/PDIF TOSlink optical

44.1kHz - 75 Ω BNC with switchable termination

32-96kHz via sample-rate converter

44.1kHz

Infra-red

RS232

9-pin opto-isolated parallel

CD audio recordable

CD (playback); CD-R; CD-RW

100-240V 50/60Hz

25W (nominal)

6.7kg/14.7lbs

95mm (3.75 inches)

88mm (3.5 inches)

322mm (12.5 inches) – excluding connectors

482mm (19 inches)

Remote control

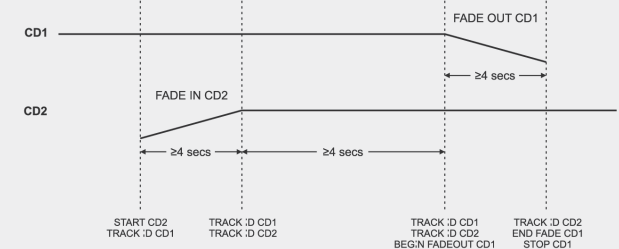
2 x AA batteries

Power cord

Operating instructions

2 x HNB CDR80HS recordable CD

DiscSpan



DiscSpan mode overcomes the 80 minute limit of CD recording by extending the recording across multiple discs. DiscSpan allows the user to set overlap and fade in/out durations when switching between discs with Track IDs automatically written to each disc to mark the transition.

On playback the CDR-882 uses these Track IDs to provide uninterrupted programme audio. In addition the Track IDs provide precise reference markers when reconstructing the recording in a DAW.

CDR-882 APPLICATIONS

- Music recording
- Broadcast facilities
- Theatres
- Houses of worship
- OB vehicles
- Broadcast output logging
- CD duplication
- Education
- Custom AV installations
- Night clubs
- Security logging systems

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