

# Make your own CDs!



## Audio CD Recorder

- The ideal Audio CD Recorder to complete any Hifi system
- Recorded CD-R discs play on any Home, Portable or Car CD Player
- Record on Audio CD-Recordable & CD-Rewritable discs
- Display CD Text and add your own CD Text to your recorded CDs
- Easy hook-up to any source
- Digital & Analog Record Level Control for recordings with the correct volume
- Remote control with CD text input & additional CD player control
- Headphone jack
- Large display with music track bar
- Sample rate convertor for recording from multiple digital audio sources
- Audio buffer for perfect track starts
- Auto finalize/unfinalize option
- Program up to 99 tracks
- Automatic CD Synchro Recording start from all analog & digital sources
- Multi track erase from CD-RW discs
- Digital coaxial and optical inputs & line input and outputs
- Direct Line Recording for perfect digital copies (true bit for bit recording)
- Tray blocking mode for floor samples (trade)
- Instruction Video Tape included



Let's make things better.



PHILIPS



# Audio CD Recorder

## standard product information

### Sound Enhancement

#### Direct Line Recording

Direct Line Recording ensures perfect, digital copies of your CDs by switching off the internal sample rate converter (true bit for bit recording). This means also the information on HDCDs and DTS-encoded CDs is preserved.

#### Record Level Adjustment

The volume level from different external sources is not always the same. You can adjust the record level digitally to ensure optimal recordings, no matter what the source.

### Convenience

#### CD-Text

No more need to look-up the track you want to play or record in the CD inlay booklet, simply select the track by name from the display, direct from the disc. The display can show both artist and title for the entire album as well as individual tracks. With the CDR, you can also create your own CD Text information for e.g. your own compilations.

#### Continuous laser power calibration (running OPC)

The recorder recognises small scratches or dust particles on the disc in time and continuously adjusts the laser power to keep the maximum quality of writing.

#### Sample Rate Converter (12-56 kHz)

Same digital equipment will give audio signals with different sampling rates than the CD standard (44.1 kHz). The built-in Sample Rate Converter automatically converts anything from 12-56 kHz into 44.1 kHz, so you can record it on CD.

### General

- System : Audio CD Recorder
- Applicable supply : 117V - 60Hz
- Power consumption : 15W (<=6W in standby)
- Operating temperature : 5-35°C

### Audio

- Digital frequency range : 2 Hz - 22.05 kHz
- Playback S/N : 100 dB (A-weighted)
- Playback dynamic range : 95 dB
- Playback total harmonic distortion + noise : 91 dB
- Recording S/N : 98 dB (Analogue)
- Recording S/N (Digital) : Recording = Source
- Recording dynamic range : 92 dB
- Recording total harmonic distortion + noise : 85 dB (0.0056%)

### Audio Output

- 1 x Analogue line output:  
2Vrms +/- 2 dB / 0.2 kOhm
- 1 x Digital coaxial output:  
0.5 V (pp) / 75 Ohm
- 1 x Headphone output:  
3 Vrms / 8-2000 Ohm

### Audio Input (level adjustment)

- Direct line recording (bypass SRC) for:  
44.1 kHz +/- 100 ppm
- 1 x Digital coaxial input (SRC):  
12 - 56 kHz / 0.5 Vrms / 75 Ohm
- 1 x Digital optical input (SRC):  
12 - 56 kHz
- 1 x Analogue input:  
500 mVrms / 50 kOhm = 0 dB

### Recording functions

- Records on all Digital Audio CD-R & CD-RW discs
- Synchro start recording per disc/track
- Add your own CD Text to your recorded CDs
- Manual digital recording level control
- Records from all home stereo analogue and digital sources
- Erase disc or (multiple) tracks (CD-RW disc)
- Auto finalize/unfinalize disc (CD-RW)
- Manual/Auto track increment
- Soft mute insert function
- Double speed finalizing (makes recorded disc compatible for CD-players)
- Records HD-CD & DTS encoded discs

### Playback functions

#### General

- CD text display during play
- Introscan - Pause - Stop
- Direct track selection with Jog
- Search forward / reverse
- Program play (99 tracks)
- Time display switching
- Plays all Audio CDs (120mm + 80mm discs)

#### Accessories

- Remote control + batteries
- Audio cable (x2)
- Digital coaxial cable (x1)
- AC mains cord
- Instruction Video

UPC Code: 0 3784990 9348

Product Dimensions:  
17.1" W x 3.5" H x 12.2" D

Package Dimensions:  
20.4" W x 7.4" H x 15.7" D

Product weight: 9 lbs.  
Carton contains: CDR600 recorder, Remote Control, Batteries, Operating instructions, Warranty information, Cables, Instruction Video

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