

# CD 303/300

IMPROVE THE SOUND QUALITY OF YOUR CURRENT CD LIBRARY  
WITH THE ADDITION OF THE CD 303/300 INTO YOUR HOME MUSIC SYSTEM.

Blended with our world renowned digital and analog technical expertise, dipped in great sound enhancing features, spiced with separate solid state and vacuum tube output stages, this is one CD player that excels beyond any that you have ever owned. This creation will help you find the life and soul of the music in all of the CD disks that you own.



This design will sample a CD and decode HDC disks at 44.1 kHz or you can choose to upsample the disk to 96, 192, 384, 512 or 768 kHz to find the true dimensionality of the original recording venue! We offer a front panel button or you can do this with the remote control. It has a solid state and a 12AU7 vacuum tube base output stage. The tube or solid state output sections can be alternated by remote control while it plays to find the best sound quality for your mood, system or musical tastes. We have an analog volume control on the remote handset, controlling the XLR or RCA analog outputs. We come out of the CD DVD ROM drive, expand the digital signal to 24 bits, go into a buffer stage and then process the digital signal through the DAC chipset. This is true DSP upsampling and it is done to absolutely squeeze every last bit of sound quality from your precious library collection of CD disks.

Many high end manufacturers do not show the insides of their player and we wonder why. Take a look at the inside of the CD 303/300. We could run a small power amplifier with the power supply for this CD player. We have fully regulated power supplies, internal shielding of the drive and the other circuits from the power supply and we use the finest component parts available inside this player.

We have added a top panel opening on the chassis to make it easy to change the 12AU7 vacuum tubes without opening the whole chassis. The top panel also has a bubble level balance to make it easy to level the player with the adjustable cone metal feet. The CD 303/300 has taken the next step forward for us as we advance into our 3rd generation of ultra high performance CD players.



*The interior shows the robust power supply and superb build quality.*

## Highlights

- A true DSP 48 bit digital buffer circuit to eliminate digital jitter.
- A top panel bubble level balance and adjustable black anodized metal cone feet.
- Vacuum tube and solid state output sections with remote handset selection or front panel button.

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## SPECIFICATIONS

Weight	38 lbs.
Dimensions	4" H x 18" W x 15" D
Transport	3 Beam CD/DVD ROM drive
Frequency Response	2 Hz - 384 kHz (768 kHz Fs)
Signal-to-Noise Ratio	127 dB (1 kHz)
Total Harmonic Distortion (THD)	0.004% (1 kHz)
Channel Separation	109 dB (1 kHz)
Power Consumption	60 Watts (15 standby)
Digital/Analog Converters (DAC)	(2) Burr Brown PCM1792u 24 bit DAC chip sets
Sample Rate Settings (Fs)	44.1, 96, 192, 384, 512 or 768 kHz sample rates for CD, CD-R or CD-RW disk playback to the analog output, digital output Fs of 44.1, 96 or 192 kHz
Audio Output Level	Single-Ended 3.0 Vrms; Balanced XLR 6.0 Vrms
Analog Outputs	(1) pair balanced via XLR connectors (1) pair single-ended via RCA connectors
Digital Outputs	(1) Balanced, (1) Coaxial, (1) Toslink
Power Input	100-120 or 200-240 VAC, 50-60 Hz
Finish	Black or Silver Anodized Aluminum Faceplates, Black Epoxy Coated Steel Chassis, black anodized cone feet
Features	48 bit DSP digital buffer circuit, bubble level balance on the chassis top panel, adjustable metal cone feet, variable analog volume control, vacuum tube and solid state output sections with remote selection or front panel button, dimmer light control for display, C-core power transformer, fully regulated power supplies, RS 232 port control for custom installation systems, chassis top removable panel above the 12AU7 vacuum tubes in the output stage, HDCD decoding with Cary DSP-300 digital filter



The remote handset provides control of the analog volume control, variable digital sample rate settings and either the solid state or the 12AU7 vacuum tube output sections.



The top view of the 12AU7 output tubes.



The rear view highlights the adjustable cone metal feet, top panel bubble balance window, the layout of the RCA and XLR analog outputs and the XLR, RCA, and TOSLINK digital output connections.

Due to ongoing development, specifications are subject to change or improve without notice or obligation.