



OWN THE HOUSE.

Power to move.

Music has touched the deepest parts of the human cortex since the dawn of time. Cortex is proud to bring you the smartest DJ equipment on this planet. The music world is yours to rule. **Own it.**

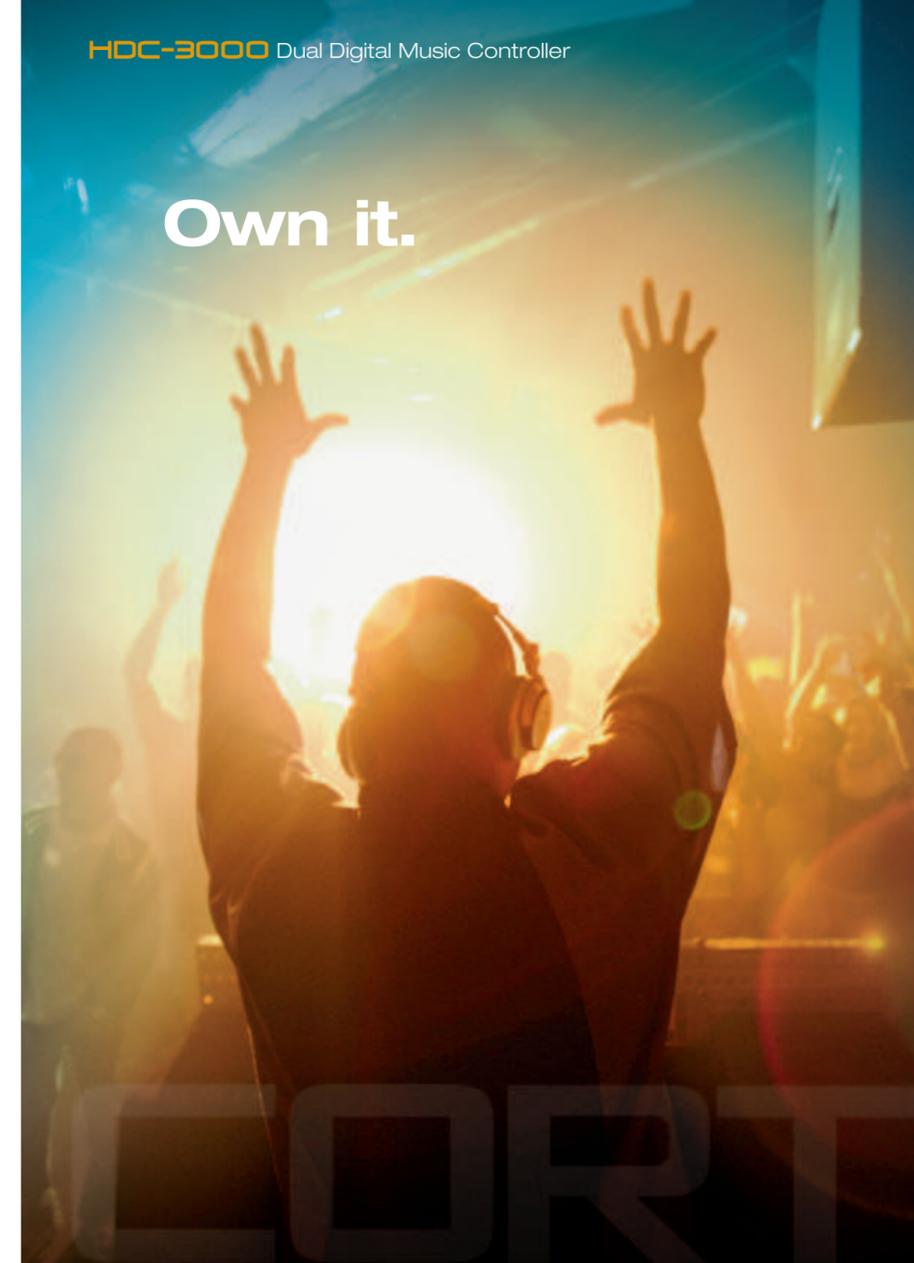
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 **CORTEX**
intelligent. sound.

Cortex is a division of GCI Technologies

HDC-3000 Dual Digital Music Controller

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HDC-3000



HDC-3000

Dual Digital Music Controller

It's "in" with a revolutionary new era in digital DJ technology and "out" with laptops and bulky crates of vinyl and CDs, thanks to Cortex's USB-compatible digital music controllers — the first of their kind in the industry.

Simply hook up any USB storage device such as a flash drive, external hard drive, CD-ROM, or even an iPod®, and you're good to go. Just plug in and play! The Cortex HDC-3000 gives DJs more power to cue, play, manipulate, and even scratch digital files than ever before. Use the "intelligent music database management" system to find any track lightning fast by artist, title, genre, even by words or phrases; play them with ultra-precise pitch resolution. And because these beautifully crafted controllers are compact, light and portable, they take up no space but rock the place.

Own technology that doesn't require a PC. Own the house.

Visit your local retailer or www.cortex-pro.com

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iPod is a registered trademark of Apple Computer, Inc.

FEATURES

Intelligent Music Database Management

The HDC-3000 uses a database management system that allows the user to search through a massive library of music within seconds, by artist, title, genre, album or even by string. This unit also allows users to find their top 100 most played tracks, the last 100 played, or what tracks were recently added to the storage device.

PC-Based Database Creation Users can create databases via the HDC unit or the PC application and quickly manage those database files at a gig, or on a home computer.

Search Options The cataloging system gives you several browsing options, including Search by Artist, Song, Title, Album, and Genre. This system allows users to search the same way they would using an iPod® or similar portable music player.

String Search Users can search by a certain word or phrase to find tracks on their storage device, even if they're unsure of the name. When the user inputs a keyword, it will search all Artists, Titles, Albums, and Genres, and show all matches to that keyword. The user can then select from that list.

Playlist Editing The playlist editor allows users to save, load, and edit playlists. Users can even cascade music between each side of the controller.

Main Playback Screen The backlit graphical LCD playback screens display info on any track in the catalog, showing everything from the essentials such as artist, track title, pitch, time elapsed/remaining to detailed information including file format (MP3 or WAV), genre, and track length. Additionally, the HDC-3000 offers a waveform view.

CD-Audio Playback No need to abandon the CD collection, the HDC-3000 is able to play audio CDs with any compatible USB CD-ROM or DVD-ROM drive.

CD/DVD Data Playback Play back user-created CD-Rs or DVD-Rs loaded with MP3 or WAV music files using a compatible USB CD-ROM or DVD-ROM drive.

Storage Device Selection Take a client's request from his iPod or USB memory flash drive, plug it in, and play it right away without having to reboot the unit. With two USB ports (and support for up to 4 devices when using a USB hub), this unit allows users to connect and recognize multiple storage devices to access a variety of separate music databases simultaneously.

File Explorer Mode Allows users to browse through files and directories as if they were using a computer, showing them the directory structure and file names exactly as they exist on the storage device. DJs with their own organizational system can navigate it quicker than using the database.

VARIABLE PITCH SLIDER (+/- 4, 8, 16, 24%) AND ULTRA PRECISE PITCH

Precisely adjust the tempo of your mixes with a wide range of pitch options and ultra precise pitch in increments of 0.05% (in 4 and 8 pitch mode).



DSP MODULE, LOOP, HOT CUE AND SAMPLER

Take your digital music files to the next level with 12 DSP effects, 4 sample banks, 4 loop banks, and 4 hot cue points per side.

BACKLIT GRAPHICAL LCD DISPLAY WITH WAVEFORM VIEW

View tracks, edit loops, choose effects parameters and other functions clearly in dim lighting conditions.

TOUCH-SENSITIVE JOG WHEEL

Get the sound and feel of vinyl while preserving the convenience of digital formats. Touch sensitivity gives DJs the ability to manipulate, stop, and scratch their music in a similar fashion as a turntable.

ILLUMINATED JOG MODE BUTTON

When illuminated, the jog wheel acts as FF/REW; while extinguished, the jog wheel acts as pitch bend +/-

SOFT TOUCH NAVIGATIONAL KEY PAD

Smoothly navigate every function, control setup configurations, and scroll through tracks.

POWER BUTTON WITH EXCLUSIVE SHUTDOWN PROTECTION

To turn the unit off you must press and hold the power button for more than 2 seconds. This protects your performance from accidental shutdown while playing.

FIRMWARE UPGRADEABLE

The HDC's internal software can be upgraded simply by downloading new software from the Cortex website. Connect to your computer using the front or rear USB port.

ENHANCED FEATURES

Cue Point Management Cue points can be set like a normal CD player, so that the DJ can return to a certain time in the track just by pressing a button. Cue points may also be saved permanently to the connected storage device, allowing them to load automatically with a track. Also, the unit allows for 4 hot cue points per side, which can also be stored to the connected mass storage device.

Efficient Sampling Samples can be set and stored in any of 4 banks with the simple touch of a button. Samples can be trimmed and edited with the graphical user interface, and the samples pitch can be altered.

Comprehensive Looping Up to 4 loops can be programmed with a loop-editing feature. Unlike a traditional CD player, the loops can be edited easily using the HDC-3000's graphical user interface, which allows the loop to be trimmed until it sounds perfect. Loops can be saved to the connected storage device, so that they can be recalled each time you load that particular track.

DSP Effects This module gives the users a choice of 12 effects (including Filter, Flanger, Echo, Delay, Auto-Pan and more) plus, truly comprehensive parameter setting capabilities. EACH parameter can be edited in real time offering a greater ability to modify the sound while still preserving the preset simplicity.

SPECIFICATIONS

Specifications System	Digital audio music control system
Frequency Response	20Hz - 20kHz
Signal to Noise Ratio	>90dB
THD	less than 0.01%
Power Requirements	AC 120V/60Hz (US) - AC 230-240V/50Hz (Europe)
Power Consumption	30W
Operating Temperature	+5 degrees C - +35 degrees C
Operating Humidity	5% - 90%
Dimensions	19" x 5.2" x 3.6"
Weight	6 lbs (3.6 kg)