

CBX-300 CD Receiver System



(iPod not included)



MP3



RDS



A Multi-Format, iPod-Integrated, Space-Efficient Audio Solution

The second-generation CBX-300 CD receiver system is a rewarding blend of style, direct iPod integration and superb music performance. As with its predecessor, the focus has been on providing an accomplished mix of CD, MP3, WMA, iPod and radio playback. It sports a black saran net across the entire frontage, giving it greater appeal wherever you decide to place it—in your bedroom, living room, kitchen or office. The CBX-300's construction supports exemplary audio fidelity, especially for the low-end frequencies. The design also incorporates speaker developments such as Onkyo's own OMF (Onkyo Micro Fiber) diaphragms and Aero Acoustic Drive—technology you'll find in some of Onkyo's separate speakers.

Built-in iPod Dock with Remote Control Over Audio

In addition to playing CDs, you can slot your iPod* directly into the CBX-300's top-loading dock to access AAC/MP3 files and podcasts. Unlike the bulk of music systems aimed at incorporating the iPod, this CD receiver system has been designed to deliver serious audio quality and lively music playback. The accompanying remote control gives you more functionality, such as the ability to skip through tracks or switch to shuffle mode.

*See compatible models on next page.

Tone-Enhancing Construction with Isolated Speaker Enclosures

The construction of the CBX-300 is crafted to get the best possible sound from a system with obvious amplification limitations. Firstly, the inside of the CBX-300's main housing is braced to prevent unwanted vibrations from negatively influencing sound quality. Also, the speakers are separated from the main housing to further reduce interference.

Speaker Technologies and Duct Tuning to Further Improve Sound Quality

While one-box solutions cannot be compared to large, high-end, separate components, there are opportunities to offer higher sound quality by focusing on specific details of the construction. A fine illustration of this on the CBX-300 is the use of OMF (Onkyo Micro Fiber) in the speaker diaphragms. OMF is a pure, ultra-fine cotton weave that absorbs vibrations and enables a fast, accurate response. And with the inclusion of an Aero Acoustic Drive speaker duct, harmful vibrations from within the speaker enclosure are further inhibited. Also, through research of the duct's shape and size, it has been possible to improve low bass frequency reproduction.

Play Back Your Entire CD Collection and MP3-/WMA-Encoded Discs

With more and more of today's music being bought, stored and recorded via personal computer, the CBX-300 offers an appealing option for playback of computer-based files burned to CD-R or CD-RW. As MP3 and WMA files are organized hierarchically in folders, you can use one of two modes, Navigation or All Folder, for selection and playback. The CBX-300's remote control and display enable you to browse folders and files easily. In All Folder mode, every folder on a disc appears at the same level, making it easy to select the folder you want. If no file is selected, all tracks contained in the folder will be played back in sequence. Navigation mode, meanwhile, lets you move through the folder hierarchy to find the track you want. The display button on the remote enables you to display information about the track being played, such as the name of the artist, track or album.

Preset Equalizer Settings to Match the Mood of Your Music

The CBX-300's preset equalizer settings—Standard, Dynamic, Vocal and Clear—tailor the audio presentation of your music sources. The Dynamic setting brings added punch across the frequency range. And when you want to enjoy a chosen artist's songs, the Vocal setting will bring the relevant mid-range frequencies into the foreground. With the Clear setting, you can experience bass sounds without the "boom" that might disturb others.

Active Bass Control to Improve Audio Performance

Active Bass Control enables the CBX-300 to retain the integrity of low frequencies, even at low volumes. This means that it can reproduce highly listenable audio, without the need to boost volume.



CBX-300 CD Receiver System

CD RECEIVER FEATURES

- Plays CDs, MP3-Encoded CDs and WMA-Encoded CDs*
- Enables Playback of iPod Audio Through Built-in Dock
- Slot-in CD Loading Mechanism
- 4-Mode Preset EQ Function (Standard, Dynamic, Vocal, Clear)
- Disc Navigator for Selecting MP3-/WMA-Encoded CDs
- Active Bass Control to Improve Audio Performance
- MP3/WMA Preferences Setting
- 25-Track Memory Playback
- Random Play Mode
- Repeat Mode for CD (Entire/1 Track/Memory/Random) and MP3/WMA CD (1 Folder)

*Discs that have not been properly finalized may only be partially playable or not playable at all.

TUNER AND OTHER FEATURES

- 4-Mode Programmable Timer
- Sleep Timer Function
- Snooze Function
- 30 FM/AM Presets
- FM Auto Preset Function
- Preset Copy Function
- Automatic FM/AM Scan Tuning
- RDS (PS/RT) and Accuclock
- Preset Station Naming (Up to 8 Characters)
- Dimmer Function (Normal/Dim)
- Battery-Free Memory Backup
- Headphone Jack (Mini Jack)
- Supplied Indoor FM Antenna/AM Loop Antenna
- Remote Control

SPEAKER FEATURES

- Full Range, Bass Reflex 8 cm OMF Diaphragm x 2
- Braced Construction to Aid Tonality
- Aero Acoustic Drive for Powerful and Natural Sound
- Separated Speaker Enclosures
- Magnetically Shielded

COMPATIBLE iPod MODELS

- iPod touch
- iPod classic
- iPod 5th generation (video)
- iPod 4th generation
- iPod nano 3rd generation (video)
- iPod nano 2nd generation (aluminum)
- iPod nano 1st generation
- iPod mini

Please note that 1st, 2nd and 3rd generation iPods are not supported.

SPECIFICATIONS

AMPLIFIER SECTION	
Power Output	5 W + 5 W (10% THD)
TUNER SECTION	
Tuning Frequency Range	
FM	87.5 MHz-108 MHz
AM	522 kHz-1,611 kHz
CD PLAYER SECTION	
Frequency Response	4 Hz-20 kHz
Audio Dynamic Range	96 dB
THD (Total Harmonic Distortion)	0.085%
Wow and Flutter	Below threshold of measurability
SPEAKER SECTION	
Speaker Type	Full range, bass reflex 8 cm OMF diaphragm x 2
GENERAL	
Power Supply	AC 230 V, 50 Hz
Power Consumption	32 W
Standby Power Consumption	0.65 W (standby clock display off and no iPod inserted)
Dimensions (W x H x D)	435 x 138 x 267 mm
Weight	4.3 kg
■ CARTON	
Dimensions (W x H x D)	515 x 270 x 382 mm
Weight	6.2 kg



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ONKYO
IMAGINATIVE SIGHT & SOUND

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