

# CS-255DAB CD Hi-Fi Mini System

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## Stylish Mini Hi-Fi with DAB+ Adds to the Joy of Listening

You'll never be short of something to listen to with this sleek mini-system from Onkyo. For starters, the top-loading dock for iPhone 5 plays locally stored MP3s and AAC files along with your desired cloud service selections. Legacy iPhones and iPods, other compatible smartphones and tablets, and flash memory drives filled with music are connected via the direct-digital-capable USB port. There's a DAB/DAB+ tuner offering a wide variety of content—with 40 presets for your favorite stations—plus a handy FM tuner. Rounding out the package is a smooth tray-type CD player (which also handles MP3-encoded discs), and an analog input for other media players. Once you're cued up, get ready for a pleasant surprise: rather than the muffled, flat reproduction you expect from some all-in-one dock systems, the CS-255DAB projects well-separated stereo sound across a wide soundstage, with punchy bass, lively dynamics, and plenty of detail right across the audio spectrum. This is thanks to the efficient digital amplifier and solid bookshelf speakers, which, like the stylish receiver, show the world that you're serious about sound.

### CR-255DAB CD Receiver Amplifier/CD Player Features

- 15 W/Ch (6  $\Omega$ , 1 kHz, 10% THD, 2 Channels Driven, IEC)
- Efficient Digital Amplifier for Clear, Powerful Stereo Sound
- Plays Audio CD, CD-R, CD-RW, and MP3-Encoded CD\*
- Front-Panel USB Port for Legacy iPod/iPhone, Smartphones, and Flash Memory Devices
- Super Bass Function
- 3 Play Modes for CD (Normal/Random/Repeat)
- 2 Repeat Modes for CD (Disc/Track)
- Analog Audio Input for Media Player Connection
- Headphone Jack
- Tone Control (Bass/Treble)

\*Discs should be properly finalized.

### iPod/iPhone Charging Dock Features

- Charging Dock with Lightning Connector for iPhone 5/iPod touch (5G)/iPod nano (7G)
- Direct-Digital Connection for Clearer Sound
- iPod/iPhone Control with Supplied Remote Controller
- iPod/iPhone Auto Selector, Play Timer, and Sleep Timer

### USB Connection Features

- Recharges iPod/iPhone
- iPod/iPhone Control with Supplied Remote Controller
- Compatible Models: iPhone, iPhone (3G, 3GS, 4, 4S), iPod touch (1G, 2G, 3G, 4G), iPod classic (6G), and iPod nano (2G, 3G, 4G, 5G, 6G)
- Plays MP3 Audio Files Stored on Flash Memory Devices and USB-Compatible Smartphones/Tablets

### Other Features

- DAB/DAB+ Tuner with 40 Station Presets
- FM Tuning with 30 Presets
- RDS (PS/RT)
- Program Timer (Everyday)
- Sleep Timer
- Display Dimmer (Normal/Dim)
- Battery-Free Memory Backup
- Full-Function Remote Controller

### D-T15 Two-Way Bass Reflex Speakers

- 10 cm Cone Woofer
- 2.0 cm Balanced-Dome Tweeter
- Non-Parallel Sides to Prevent Internal Standing Waves
- Solid Construction, Fit, and Color-Matched Finish
- Magnetically Shielded to Prevent Interference
- Impedance: 6  $\Omega$
- Max. Input Power: 30 W
- Frequency Response: 55 Hz–50 kHz



# CS-255DAB CD Hi-Fi Mini System

## Direct Digital Charging Dock for iPhone 5

Dock your iPhone 5, iPod touch (5G), or iPod nano (7G) via the Lightning Connector and recharge the device while you listen. The receiver automatically detects your device, selects dock input, and allows you to use the system remote to navigate to your desired track. Audio signals are transported in pure digital form—bypassing the docked device's analog conversion and gain circuits—for noticeably clearer, deeper, and more realistic sound.

## Connect, Charge, and Play via USB

Users of legacy iPhone and iPod models can link up in moments via the front-panel charging USB port, which also enables direct-digital audio transfer on these devices. If your smartphone or tablet features a mini-USB port, you can quickly access the MP3 files stored on the device. You can also plug in a flash memory drive and use the system remote to select an MP3 library—no hassle, and no fuss.

## Content to Suit All Tastes with DAB+

Digital radio is one of the best sources of free, high-quality home entertainment. Whether you like music, talkback, comedy, or current affairs, the included DAB/DAB+ tuner opens up a diverse menu of programming to browse. Rather than being afraid to touch the dial in case you lose the original station, changing channels is now a matter of making a selection from the 40-preset memory. Furthermore, digital radio delivers sound quality that's as good—and in most cases, better—than traditional FM broadcasts, while being less susceptible to environmental interference.

## Clean and Efficient Digital Amplifier

As well as being more energy-efficient than Class AB designs, digital amplifiers are capable of producing remarkably clean, detailed sound. Onkyo's low-noise circuit topology reduces distortion across a wide frequency bandwidth, resolving new layers of depth and detail in your favorite recordings.

## Compact Yet Solid Two-Way Speakers

The CS-255DAB includes a pair of two-way bass-reflex-type speakers that incorporate a 10 cm woofer and a 2 cm balanced-dome tweeter. The cabinets feature rounded edges and a front-to-rear taper that helps reduce internal standing waves—an unwanted acoustic resonance that can muddy the sound. Compact in size yet surprisingly robust, these magnetically shielded speakers fit comfortably and sound great almost anywhere you choose to place them.

## Super Bass Function

Sometimes the music calls for a little extra bass punch. The two-mode Super Bass function on the CS-255DAB gives a welcome boost to the low-frequency band, adding just the right amount of heft to bass guitar and kick drum without sounding distorted, harsh, or boomy.

## Smooth Front-Loading CD Player

While there is no shortage of weird and wonderful CD-loading designs available, the novelty wears off after yet another scratched disc. The traditional front-loading CD player remains the simplest and safest way to enjoy your disc-based media. The CS-255DAB incorporates a smooth front-loading mechanism, while track- or album-repeat modes—plus a random playback option—offer greater flexibility. And it'll even play your homemade mixes and MP3-encoded compilation discs without any bother.

## FM Tuner with 30-Station Preset

Browse up to 30 preset radio stations—complete with station information in those areas supporting RDS broadcasts—at the touch of a button. Once you've got your favorites programmed in, you can find content you want quickly and easily.

## SPECIFICATIONS

### CD RECEIVER SECTION

#### Amplifier Section

Power Output 15 W + 15 W (6 Ω, 1 kHz, 10% THD,  
2 Channels Driven, IEC)

THD+N (Total Harmonic Distortion + Noise)  
0.5% (1 kHz, 1 W)

Damping Factor 60 (1 kHz, 8 Ω)

#### Input Sensitivity and Impedance

1000 mV/47 kΩ (Line)

Frequency Response 50 Hz–20 kHz/+0 dB, -3 dB

Tone Control ±10 dB, 100 Hz (Bass)

±10 dB, 10 kHz (Treble)

+4 dB, 80 Hz (Super Bass 1)

+8 dB, 80 Hz (Super Bass 2)

Signal-to-Noise Ratio 94 dB (Line, I/F-A)

Speaker Impedance 6 Ω–16 Ω

#### Tuner Section

##### Tuning Frequency Range

FM 87.5 MHz–108 MHz

DAB+ 174.928 kHz–239.200 kHz

FM Preset Memory 30 Stations

DAB+ Preset Memory 40 Stations

#### General

Power Supply AC 220–240 V~, 50/60 Hz

Power Consumption 30 W

No-Sound Power Consumption 9 W

Standby Power Consumption 0.4 W (iPod/iPhone not connected)

Dimensions (W x H x D) 215 x 100 x 270 mm

Weight 2.5 kg

### SPEAKER SECTION

Speaker Type 2-Way, Bass-Reflex

#### Drivers

Woofer 10 cm Cone

Tweeter 2.0 cm Balanced-Dome

Frequency Response 55 Hz–50 kHz

Crossover Frequency 4.5 kHz

Output Sound Pressure Level 82 dB/W/m

Max. Input Power 30 W

Nominal Impedance 6 Ω

#### General

Dimensions (W x H x D) 130 x 210 x 172 mm

Weight 1.6 kg

### CARTON

Dimensions (W x H x D) 332 x 190 x 429 mm

Weight 3.6 kg

### Supplied Accessories

- Indoor FM antenna • Speaker cable and cork spacers
- Instruction manual • Remote controller



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