

# PD-S10 Digital Audio Player

BLACK



## Your answer to simply beautiful sound

The PD-S10 has 528 GB expandable memory, Wi-Fi®, Bluetooth®, and a touch GUI. Robust audiophile design supports balanced output via twin SABRE® DACs and amps. It's an incredibly compact and versatile player for hi-fi audio on the go. Store about 5,000 Hi-Res Audio tracks, enjoy lossless streaming playback, explore internet radio with TuneIn, or enjoy Hi-Res Audio direct from Onkyo Music\*. Drive any headphones and connect any stereo via line or USB/OTG\*, or use Bluetooth for a quality wireless connection. Crafted for exquisite Hi-Res Audio, even MP3s sound fresh. Don't settle for smartphone sound: this all-in-one solution will change your life.

\* Enabled with a firmware update.

### PREMIUM AUDIO FEATURES

- Twin ESS SABRE® ES9018C2M DACs and SABRE® ES9601K amplifiers
- Fully balanced L/R circuit layout and separate audio and processing boards
- Customized high-current, high-capacity conductive polymer chip capacitors
- Rigid one-piece machined aluminum chassis and triple-thickness battery case
- Reinforced anti-resonant volume mechanism and headphone output assembly
- Supports native DSD 5.6 MHz/2.8 MHz playback, MQA, and 192 kHz/32-bit FLAC/WAV Hi-Res Audio formats
- BTL (Bridge-Tied Load) and ACG (Active Control Ground) balanced playback
- 32-bit DSP and two dedicated clocks for 44.1 kHz and 48 kHz signals
- 192 kHz/32-bit upsampling function for standard audio sources

- 3-stage gain (Low/Normal/High) to suit 16–600-ohm headphones
- 10-band equalizer with 6 factory presets and 3 user presets
- Three selectable digital filters (Sharp/Short/Slow)
- 7-Step Lock Range Adjustment (Wide/Normal/Narrow)

### STORAGE & CONNECTIVITY

- 528 GB storage: 16 GB (Internal) and 2 x 256 GB microSD Card slots\*4
- Built-in 5 GHz/2.4 GHz Wi-Fi®
- Built-in TIDAL\*2 lossless album streaming service and TuneIn\*2 internet radio
- Direct Hi-Res Audio downloads via Onkyo Music\*3 without a PC
- Bluetooth® technology\*4 connects supported stereos and headphones
- 3.5 mm (1/8") headphone/AUX/line-level output
- 2.5 mm (3/32") balanced audio headphone output
- USB/OTG terminal for recharging, audio transfer, and digital audio output\*3 to supported components

### INDUSTRIAL DESIGN & USER INTERFACE

- Bright 2.4-inch 320 x 240-pixel touchscreen
- Customizable home-screen tiles for fast and easy GUI navigation
- Scroll bars and Index Display for fast navigation of large music libraries
- External volume wheel and playback buttons (HOLD, Play/Pause, Skip/Scan)
- Supports Onkyo DapController\*5 for iPad, iPhone, and Android™
- Luxury high-texture hairline back-panel finish
- Up to 15 hours\*6 play-time via internal rechargeable battery
- Onkyo X-DAP Link\*7 software for Windows®

\*1 Note: microSD cards not included. Compatibility with all devices cannot be guaranteed. \*2 May require a subscription. Services are subject to regional availability. \*3 Enabled with a firmware update. \*4 Profile: A2DPI/AVRCP, codec: SBC. \*5 Devices require LE (Low Energy) support. Please confirm device compatibility with application at App Store or Google Play. \*6 Playback at 32 ohms with 96 kHz/24-bit FLAC file. \*7 Available free via Onkyo website. Please check compatibility with your OS before operation.

# PD-S10 Digital Audio Player

## Twin SABRE® DACs and Amplifiers

A fully balanced circuit structure employs two proven SABRE ES9018C2M DACs for the D/A conversion stage and two SABRE ESS9601K amplifiers to smoothly transmit audio signals from the DAC. This audiophile-spec design achieves clear and spatially immersive reproduction with excellent S/N performance, getting best performance from any set of headphones.

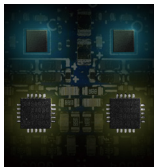


## Dedicated High-Precision Clocks

Clocking devices synchronize data timing. The PD-S10 has two: one for detection of 44.1 kHz signals, scaling to 176.4 kHz, and the second to handle 48 kHz signals upsampling to 192 kHz. The 44.1 kHz clock enables native playback of audio sourced from CD with highest possible fidelity.

## Isolated Audio Boards

Audio circuits and digital processing system are on separate boards, while power supply and battery are heavily shielded. This premium design limits interference on the signal, with top-shelf parts helping to minimize intrusion of high-frequency interference from wireless transmission technologies.

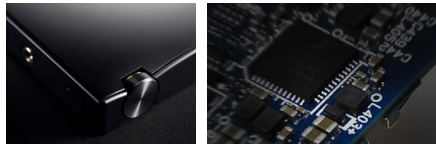


## One-Piece Aluminum Chassis

Separate audio boards and extra-thick battery case are secured in a solid one-piece aluminum chassis machined to tolerances on the micro scale. The robust and highly rigid structure wipes out vibrations that cause interference for pristine high-fidelity sound from player to headphones.

## High-Current Capacitors, Rigid Structure, and Customized Parts

Hand-picked components of the finest quality are used to assure class-beating sound quality, including custom high-capacity conductive polymer chip capacitors that work to double current flow compared to the legacy model, resulting in excellent power stability and a noticeable improvement in low-end response and high-frequency articulation. A triple-thickness battery shield limits interference from vibration. Reinforcement around the headphone jack and volume-control shaft have reduced resonance and enhanced a precision feel.



## Universal Hi-Res Audio Playback

Unlock the breathtaking scale and clarity of Hi-Res Audio. The PD-S10 supports MQA (a streaming-optimized container), native DSD 5.6/2.8 MHz playback, and FLAC/WAV files to 192 kHz/32-bit resolution. You can download Hi-Res Audio direct from Onkyo Music\*. Audiophile build and technologies such as 192 kHz/32-bit upsampling work magic on compressed and uncompressed streaming or locally stored music. \* Requires a firmware update.



## Supports Balanced Audio Playback

A 2.5 mm (3/32") 4-pole connection for balanced headphones joins a standard headphone output. Balanced audio enables the signals for L/R channels to be decoded and amplified separately by fully balanced circuitry. BTL (Bridge-Tied Load) mode delivers high 150 mW + 150 mW driving power, while an exclusive ACG (Active Control Ground) mode developed by Onkyo delivers a stunning increase in dimensionality and soundstaging.

## Adjust Sound to Your Taste

You have freedom to tailor sound to suit your mood, music, and headphones. Three-stage gain, 10-band equalizer with seven presets and three user presets, selectable digital filters, jitter-reduction modes, and 192 kHz/32-bit upsampling ensure you get ultimate satisfaction from every album.

## Massive Storage Capacity

Expanding 16 GB internal memory are two microSD Card slots to expand storage to a maximum 528 GB. Put your entire music library in your pocket and take it anywhere, with easy click-and-drag addition of albums to microSD Card when connected to a PC. *Note: microSD cards not included.*

## Built-in 5 GHz/2.4 GHz Wi-Fi®

Wi-Fi connects you to streaming services and the Onkyo Music store for direct Hi-Res Audio album downloads without need of a PC. Use your home network or smartphone as a hotspot for streaming on the go.



## TIDAL and TuneIn Streaming Services

TIDAL offers CD-quality music streaming from a library of 46 million songs. TuneIn collects more than 100,000 internet radio stations with a wide selection of podcasts, audiobooks, news, and sports programs with a subscription.



## Simple Touch Interface

Touch a tile on the customizable Home screen to explore your collection, select a streaming service, or access functions. Scroll bars and Index Display enable fast searching and easy navigation of huge volumes of music. You can pause, skip, and scan without looking; use the buttons on the side of the player.

## Bluetooth® Wireless Technology

Bluetooth technology connects compatible wireless headphones, car stereos, and audio components in moments. Enjoy quick and secure transmission with minimal loss in audio quality.



## Smartphone Control with Onkyo DapController®

Control the PD-S10 from your smartphone. The free Onkyo DapController app tethers phone to player so you can control playback functions without reaching into your pocket or bag.

*\* Mobile devices require Low Energy (LE) support. Please check App Store or Google Play for device and OS requirements.*

## Free X-DAP Link Software

Download free software for PC, which provides a clean and simple interface for managing, updating, and transferring your music library to the PD-S10. Create playlists, drag-and-drop new albums, edit, and backup everything in moments.

## SPECIFICATIONS

<b>Power Output</b>	150 mW + 150 mW (Balanced, 32 ohms) 75 mW + 75 mW (Unbalanced, 32 ohms)
<b>THD+N (Total Harmonic Distortion + Noise)</b>	Less than 0.006%
<b>Frequency Response</b>	20 Hz-80,000 Hz
<b>Signal-to-Noise Ratio</b>	115 dB or above
<b>Headphone Impedance</b>	16 Ohms-300 Ohms (Unbalanced) 32 Ohms-600 Ohms (Balanced)

### DAC Section

<b>DAC Type</b>	SABRE® ES9018C2M
<b>Maximum Resolution</b>	192 kHz/32-bit
<b>Clocking Devices</b>	(44.1 kHz/48 kHz)

### General

<b>Power Supply</b>	Rechargeable 1,630 mAh lithium-ion battery
<b>Dimensions (W x H x D)</b>	63 x 94 x 15 mm (2.5" x 3.7" x 0.6")
<b>Weight</b>	135 g (4.76 oz.)

### EAN CODE

(B)	4573243091907
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### UPC CODE

(B)	814633021314
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### CARTON

<b>Outer Carton (20 units per carton)</b>	
<b>Dimensions (W x H x D)</b>	518 x 208 x 178 mm (20.4" x 8.2" x 6.9")
<b>Weight</b>	6.0 kg (13.2 lbs.)

### Single Carton

<b>Dimensions (W x H x D)</b>	125 x 140 x 39 mm (4.9" x 5.5" x 1.5")
<b>Weight</b>	270 g (9.5 oz.)

### Supplied Accessories

- Micro USB to USB Type-A cable
- Screen protector films (x2)
- Quick Start Guide
- Safety information and precautions
- Instruction booklet

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. Products displaying the Hi-Res Audio logo conform to the Hi-Res Audio standard as defined by Japan Audio Society. The Hi-Res Audio logo is used under license from Japan Audio Society. MQA Limited is a registered trademark of Meridian Audio Ltd. DSD and the Direct Stream Digital logo are trademarks of Sony Corporation. Wi-Fi® is a registered trademark of the Wi-Fi Alliance. The Wi-Fi CERTIFIED logo is a certification mark of the Wi-Fi Alliance. iPhone and iPad are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android and Google Play are registered trademarks of Google LLC. Windows is a trademark of the Microsoft group of companies. Onkyo DapController is a trademark of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.