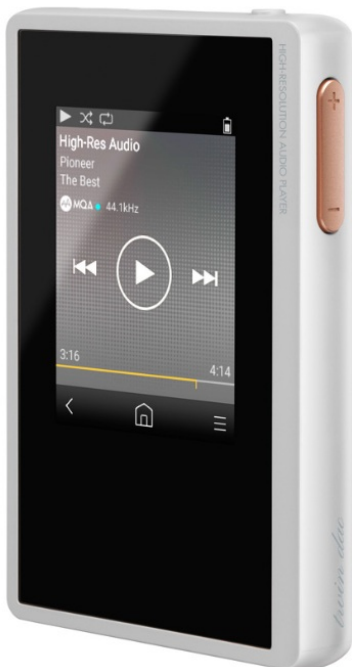


Pioneer Digital Audio Player User Manual

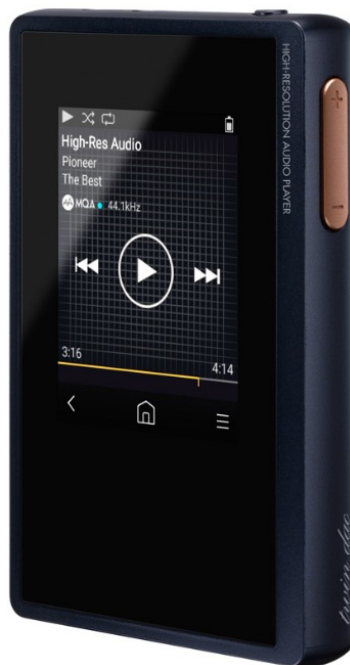
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Pioneer

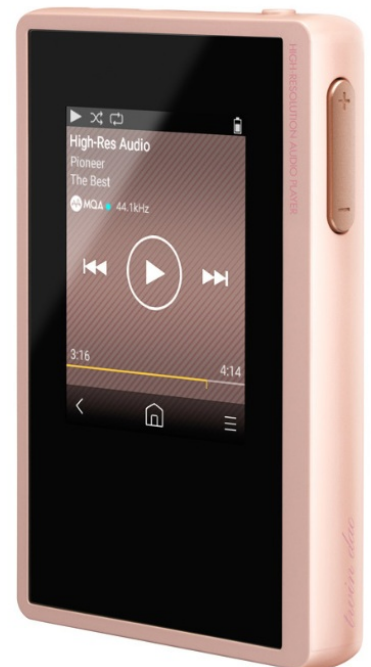
Digital Audio Player XDP-02U



XDP-02U (White)



XDP-02U (Navy Blue)



XDP-02U (Pink)

The time has come to free your headphones from smartphone sound and immerse your senses in the Pioneer XDP-02U. Sculpted to fit hands for comfortable touchscreen operation, and rounded to slip into your pocket, this player has a serious hi-fi build for a sound that will blow your mind.

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Design and Functionality

- The elegant rounded design fits comfortably in hands and pockets
- Compact, lightweight, and highly portable in three unique colors
- 2.4-inch full-color touchscreen (320 x 240 pixels)
- Intuitive touch interface with customizable home-screen tiles
- Up to 528 GB storage (16 GB internal/256 GB microSD x 2* 1)
- Built-in 5 GHz/2.4 GHz Wi-Fi ® (802.11) for network streaming
- Bluetooth ® wireless technology* 2
- Support for Deezer HiFi, TIDAL, and TuneIn streaming services* 3
- Direct Hi-Res Audio downloads from Onkyo Music store* 4
- Supports MQA, native DSD 5.6 MHz playback, DSD-IFF, FLAC/ALAC/ WAV/AIFF up to 192 kHz/32-bit, MP3, and AAC
- Easy side-button controls for volume, Play/Pause/Hold, and Skip/Scan › Pioneer DuoRemote App* 5 enables playback control from a smartphone
- Displays album art, song details, and audio file information › Playlist creation, folder playback, Index Display, and scroll bars for easy navigation
- Rechargeable battery for up to 15 hours* 6 playback time
- Pioneer X-DAP Link transfer software for Windows ® * 7
- Recharge with supplied USB cable
- Robust construction and high-quality finish

Premium Sound Features

- Twin ESS SABRE ® ES9018C2M DACs
- Twin ESS SABRE ES9601K high-output amplifiers
- Dual clocks (44.1 kHz/48 kHz) for high-precision playback
- Symmetrical channel layout and isolated processing/amp boards
- Unbalanced 3.5 mm (1/8") and balanced 2.5 mm (3/32") headphone outputs
- BTL (Bridge-Tied Load) and ACG (Active Control Ground) balanced drive
- 3-Stage gain (Low/Normal/High) to suit different headphones
- 192 kHz/32-bit and 176.4 kHz/32-bit upsampling functions
- Precision 10-band equalizer with 6 presets and 3 customizable presets
- 7-Step Lock Range Adjustment (Wide/Normal/Narrow)
- Three selectable digital output filters (Sharp/Short/Slow)

- 32-bit high-resolution Digital Signal Processing technology

*1 microSD cards not included. Compatibility with all microSD Card brands cannot be confirmed. *2 Profile: A2DP/AVRCP, codec: SBC. *3 May require a subscription and is subject to regional availability. *4 Enabled with a firmware update. Please consult Pioneer website for firmware update information. *5 For iPhone, iPad, and Android™ devices. Devices require Low Energy (LE) support. Check App Store or Google Play for device and OS requirements. *6 Measured at 32 ohms, 96 kHz/24bit FLAC file, balanced, Wi-Fi and Bluetooth OFF. *7 Please refer to Pioneer website for details on OS compatibility.

Connection Features

- 3.5 mm (1/8") 3-pole headphone output and analog/line output
- 2.5 mm (3/32") 4-pole balanced headphone output
- Micro USB terminal for charging and data transfer (cable included) and USB/OTG* digital audio output (cable not included)
*Enabled with a firmware update
- Dual microSD Card slots

Specifications

- Output power: 75 mW + 75 mW (Unbalanced, 32 ohms) 150 mW + 150 mW (Balanced, 32 ohms)
- Frequency response: 20 Hz–80,000 Hz
- Total Harmonic Distortion (THD): 0.006%
- Signal-to-Noise ratio: More than 115 dB
- Supported headphone impedance: 16–300 Ohms (Unbalanced) 32–600 Ohms (Balanced)
- Dimensions (WHD): 64.5 x 98.2 x 16 mm (2.5" x 3.9" x 0.6")
- Weight: 125 g (4.41 oz.)
- Approximate playback time: 15 hours (32 ohms, 96 kHz/24-bit FLAC file, balanced, Wi-Fi and Bluetooth OFF)
- Accessories: Micro USB to USB Type-A cable, protective screen film



Carton: Dimensions (W x H x D)
130 x 137 x 40 mm (5.1" x 5.4" x 1.6")

Back and Left Side View



Right Side View

Right Side View



Integrated Technologies



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Documents / Resources



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