





XDP-02U-L (Blue) UPC: 814633021321



XDP-02U-P (Pink) UPC: 814633021345 \*Available Summer 2018

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 sound that will blow your mind.

## Design and Functionality

UPC· 814633021338

- > 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 SDXC<sup>™</sup> microSD x 2\*1)
- > Built-in 5 GHz/2.4 GHz Wi-Fi® (802.11) for network streaming
- Bluetooth<sup>®</sup> wireless technology<sup>\*2</sup>
- > 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\*<sup>5</sup> enables playback control from 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 Contol 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. DSD playback via Bluetooth is not supported. \*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/24-bit FLAC file, balanced, Wi-Fi and Bluetooth OFF. \*7 Please refer to Pioneer website for

# XDP-02U

# **Connection Features**

Pioneer

- > 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)
- > Product Dimensions: (W x H x D) 2.5" x 3.9" x 0.6"
- > Product Weight: 0.27 lbs. (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) 4.9" x 5.4" x 1.6" Gross Weight: 0.6 lbs. (9.6 oz.)



# Integrated Technologies



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#### Back and Left Side View