



## NWA105/B

### A100 Walkman® A Series

With High-Resolution Audio and colors to suit your lifestyle, the NW-A100 with Android™ lets you enjoy your favorite streaming and music apps right on your Walkman® — or you can connect to your PC to access your music collection. Listening to your favorite sounds has never been easier.



### Bullets

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- Bring harmony into your life with the colors of the h.ear range
- High-Resolution Audio compatible
- S-Master HX™ digital amplifier for pure sound quality
- DSEE HX AI analyzes song type and restores compressed audio files
- Use Wi-Fi to stream and download music with your favorite Android™ apps

### Features

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#### Colors in harmony

The new h.ear range comes in colors to suit your lifestyle perfectly. The tones work with a spectrum of hues and different colors. Try them with your favorite outfit and it all just works in effortless harmony.

#### A statement in style, a celebration of sound.

Supported by Android™, and featuring direct download and streaming via Wi-Fi, the eye-catching NW-A100 is all about enjoying your music, your way.

#### High-Resolution Audio Compatible

Enjoy the subtlest nuances of studio-quality sound in higher than CD quality with High-Resolution Audio. Passion for music unites every component from signal to speaker so it feels like the artist is performing right in front of you.

#### High-Resolution Audio wireless

Enjoy High-Resolution Audio quality music thanks to LDAC, our premium wireless codec. With 3x the bitrate of standard BLUETOOTH® technology, you can enjoy a superior listening experience for all your music.

#### S-Master HX™ delivers High-Resolution Audio in maximum quality

Enjoy all the subtleties in your music with the S-Master HX™ digital amplifier, which delivers



High-Resolution Audio in maximum quality, with reduced distortion and noise.

### **DSEE HX™**

Audio upscaling is improved even further by our DSEE HX™ processor which intelligently recognizes instruments, voices, and musical genres. By identifying these, and the relative energy of the audio, it can accurately rebuild audio lost during digital compression, for a full-fidelity experience, even with compressed formats. The DSEE HX processor still works even when you're streaming music.

### **DSD playback**

Experience the natural sound and intense detail of DSD audio formats up to 11.2 MHz, thanks to the NW-A100's high-quality PCM conversion.

### **NFC™ One-touch and Bluetooth® for instant connectivity**

Near Field Communication (NFC) and Bluetooth wireless technology make connecting to your music fast and easy. Just touch your NFC-enabled device to your A100 Series for a quick, seamless connection, then start streaming. No NFC? No problem. Connect via Bluetooth® and you're ready to go. LDAC™ and aptX™ HD audio compatibility is available.

### **Rigid aluminum milled frame for improved sound quality**

The premium aluminum milled frame provides superior rigidity for low impedance and clear, stable sound and solid bass.

### **Film capacitor**

High-quality film capacitors are used in the amplification stage to help the NW-A100 realize transparent, expansive highs and natural sound.

### **Fine Sound Resistor**

The surface-mounted Fine Sound Resistor ensures even, effective distribution of power to the circuit components for consistent sound quality.

### **Optimized circuit board layout**

By dividing the Audio block (highlighted in red) and the Power/Digital block (in blue), the circuit board layout has been optimized to ensure sound quality is unaffected by digital noise.

### **Advanced solder containing gold for clearer sound**

The exceptional conductivity of gold ensures absolute minimum signal loss. For clearer sound and vocals, a premium, audio-grade lead-free solder with a small amount of gold connects the circuit of the NW-A100 to the battery.

### **Supported by Android™**

The NW-A100 is supported by Android™, giving you easy access to a huge range of media apps and music services.



## Wi-Fi compatible for direct download and streaming

Supported by Android™ and compatible with Wi-Fi, the NW-A100 offers you even more ways to listen to your music. Enjoy your favorite streaming and music apps right on your Walkman or connect to a PC to access your music collection.

## Cassette Tape UI

As a playful nod to the iconic TPS-L2, the original Walkman® from 1979, the NW-A100 features a special Cassette Tape user interface and screensaver. The cassette tape visual that appears on your Walkman® display varies depending on the codec of the music you're listening to.

## USB Type-C™ port

The NW-A100 features a USB Type-C™ port for easy connectivity with a range of devices.

## Store even more music with the microSD card slot

Expand the already large memory of your NW-A100 with a microSD card—pop one in the slot to enjoy endless playlists and even the biggest music collections on the go.

## Up to 26 hours' battery life

When fully charged you can enjoy up to 26 hours of music playback when playing MP3s at 128kbps. Perfect for the daily commute or just being out and about.

## Vinyl Processor

Give the warmth and character of vinyl back to your digital tracks and get lost again in the richness of the melodies and dynamics of your favorite albums. Enjoy subtle reproduction of the low-frequency resonance, tone-arm resistance and surface noise to deliver an authentic listening experience.

## Walkman® 40th Anniversary

This year marks the 40th Anniversary of Walkman®. The first Walkman TPS-L2 launched in 1979 and became a design and engineering icon, changing the way people listen to music forever. For the first time, it was possible to enjoy your favorite tracks, albums and artists in high-quality sound, anytime, anywhere — and we've been doing so ever since.

## MQA™ files played and decoded

The NW-A100 can play and decode MQA™ files, so you can play even more lossless-quality music.

## Specification

### Connectivity

#### Terminals

Headphones: Stereo mini jack, External memory: Micro SD Micro SDHC Micro SDXC

# SONY

Wireless Capabilities	Communication system: Bluetooth® Specification Version 5.0, NFC: Yes, Supported Bluetooth® profiles: Yes, Supported Codecs (Transmission): Yes, Supported Codecs (Reception): No
<b>Footnotes</b>	
Digital Noise Canceling	Digital Noise Cancelation Select NC Environment: Full-auto AINC, Bus/Train, Airplane, Office
USB DAC Mode	-
<b>Headphone Out (Stereo mini-jack)</b>	
Frequency	20–40,000 Hz
Maximum Power Output (JEITA 16Ω/mW)	35 mW + 35 mW
<b>Playback &amp; display</b>	
Audio Playback	MP3 ( .MP3): 32–320 kbps (Supports variable bitrate [VBR])/32, 44.1, 48 kHz, WMA (.WMA): 32–192 kbps (Supports variable bitrate (VBR))/44.1 kHz, FLAC (.flac): 16, 24 bit/8–384 kHz, WAV (.WAV): 16, 24, 32 bit (Float/Integer)/8–384 kHz, AAC (.mp4, .m4a, .3gp): 16–320 kbps/8–48 kHz, HE-AAC (.mp4, .m4a, .3gp): 32–144 kbps/8–48 kHz, Apple Lossless ( .mp4, .m4a): 16, 24 bit/8–384 kHz, AIFF (.aif, .aiff, .afc, .aifc): 16, 24, 32 bit/8–384 kHz, DSD (.dsf, .dff): 1 bit/2.8224, 5.6448, 11.2896 MHz *Audio that is converted to Linear PCM is output .APE (.ape): 8, 16, 24 bit/8–192 kHz (Fast, Normal, High), MQA (.mqa, .flac): Supported
Display Resolution	3.6 inch (9.1 cm) (diag.), HD (1,280 × 720 Pixels)
Display Type	TFT color display with white LED-backlight
Drag and Drop	Yes
Music Play Mode	Shuffle Playback, Repeat Off, Repeat 1 Song, Repeat All, All Range, Selected Range
Music Searching Methods	All Songs, Artist, Release Year, Playlists, Album, Genre, Composer, Hi-Res, Recent Transfers, Folder, Cue sheet
Sound Effects	Direct Source (Direct), 10-Band Equalizer, DSEE HX, DC Phase Linearizer, Dynamic Normalizer, ClearAudio+, Vinyl Processor
<b>Power</b>	



Battery Life - Continuous Playback Music	MP3 (128 kbps)/Ambient Sound Mode ON: 20 hours, MP3 (128 kbps)/Ambient Sound Mode OFF: 26 hours, AAC (256 kbps)/Ambient Sound Mode ON: 18 hours, AAC (256 kbps)/Ambient Sound Mode OFF: 24 hours, FLAC (192 kHz/24 bit)/Ambient Sound Mode ON: 12 hours, FLAC (192 kHz/24 bit)/Ambient Sound Mode OFF: 16 hours, DSD (2.8224 MHz/1 bit)/Ambient Sound Mode ON: 8 hours, DSD (2.8224 MHz/1 bit)/Ambient Sound Mode OFF: 11 hours, MP3 (128 kbps)/Noise Cancel ON: 21 hours, MP3 (128 kbps)/Noise Cancel OFF: 26 hours, AAC (256 kbps)/Noise Cancel ON: 19 hours, AAC (256 kbps)/Noise Cancel OFF: 24 hours, FLAC (192 kHz/24 bit)/Noise Cancel ON: 13 hours, FLAC (192 kHz/24 bit)/Noise Cancel OFF: 16 hours, DSD (2.8224 MHz/1 bit)/Noise Cancel ON: 9 hours, DSD (2.8224 MHz/1bit)/Noise Cancel OFF: 11 hours,
Built-in battery	Built-in Rechargeable lithium-ion Battery
Charging Time (full charge)	Approx. 5.5 hrs
Charging and Power supply	USB power (from a computer via a USB)
<b>Size &amp; Weight</b>	
Dimensions (W x H x D)	Approx. 2.21 inches x 3.90 inches x 0.44 inches (55.9 mm x 98.9 mm x 11.0 mm)
Weight	Approx. 3.64 oz (103 g)
<b>Software</b>	
Operating System	Android 9.0

1. Not compatible with Walkman cable.
2. Using Sony original music player app, and MP3 playback with a wired connection. Using other than Sony original music player app will shorten the specified battery life.
3. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
4. Interoperability and compatibility among Bluetooth® devices vary.

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