

SONY

NW-A27HNSM Hi-Res Walkman

Listen on a higher level with this 64GB³ High-Resolution Audio-compatible Walkman[®] that delivers up to 30 hours of studio-like clarity and sound.¹ Listen without distraction with the included Noise Canceling headphones while you immerse your ears in glorious Hi-Res Audio or automatically upscaled versions of digital formats like MP3 and more. It's music like it was meant to be.



Bullets

- 64GB Hi-Res Walkman[®] Portable Music Player with Digital Noise Canceling
- Focus on the music with the included Noise Cancelling headphones
- Playback a wide variety of file formats including: FLAC, WAV, AIFF, ALAC, MP3 and more
- Bluetooth with LDAC Hi-Fidelity wireless music streaming
- Listen longer with up to 50 hours of battery life¹
- Upscale compressed audio files to near Hi-Res quality with DSEE HX
- S-Master HX digital amp delivers accurate, detailed music playback
- Drag & drop from iTunes for Mac or Windows
- Compact, slim design with microSD memory card slot
- Easy to navigate with the 2.2" QVGA LCD display

Features

Hear music at its best with this 64GB³ Hi-Res Walkman[®]

Enjoy 64GB³ of built-in memory, plus a Micro-SD card slot that lets you add more storage quickly and easily.

Focus on the music with Noise Cancelling Headphones

Reduce distracting background and ambient noise with the included Noise Cancelling headphones. Choose from a number of settings, depending on your environment, and immerse yourself deeper into the music as Noise Canceling offsets ambient noise, for a more engaging listening experience.

Play more with multiple format support

The NW-A27HN series supports High-Resolution Audio formats as well as popular formats like MP3, WAV, AIFF, WMA, AAC, HE-ACC, FLAC, and ALAC.

Enjoy high-quality wireless music streaming via Bluetooth[®]

Enjoy easy, one-touch connectivity and music streaming with NFC. No NFC? No problem. Connect via Bluetooth[®] and you're ready to go.²

Listen longer with improved battery life

Never run out of power when you're on the move. The NW-A27HN holds enough charge for up to 50 hours of MP3 playback, or up to 30 hours of High-Resolution Audio playback,¹ so you don't have to worry about finding a charger when you're out and about.

Upscale compressed audio files to near Hi-Res quality with DSEE HX

Go beyond CD quality. DSEE HX builds on our proprietary DSEE technology, upscaling compressed audio files to a level that's closer to High-Resolution Audio. By restoring the subtleties of the original recording that are lost during the compression process, DSEE HX delivers a rich, studio-quality audio experience for all your music.

S-Master HX digital amp delivers accurate, detailed music playback

The built-in S-Master HX digital amplifier helps bring out the best of your High-Resolution Audio. It achieves this by reducing the noise levels usually experienced in the high frequency ranges, so you can enjoy clear, sharp sound.

Drag & drop from iTunes for Mac or Windows

With a Walkman[®] player, you are never tied to just one music service. Just drag and drop files from iTunes[®] for Mac[®] or Windows[®] and enjoy. Multi-format playback also lets you play MP3, WMA, AAC or L-PCM music files; now that's freedom.

Compact, slim design

Beautiful, lightweight and slim design for portable comfort.

Easy to navigate with the 2.2" QVGA LCD display

The 2.2" QVGA anti-reflective LCD display delivers rich and clear viewing of album artwork, photos, and even videos.

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Specifications

Audio	
Audio Power Output	10mW + 10mW (non CEW) 1.6 ~ 4.2mW (CEW)
Antenna System	FM: Headphone Cord Antenna
Audio Format(s) Supported	MP3 (MPEG-1 Layer3): 32 to 320kbps (Supports variable bit rate (VBR)) at 32, 44.1 and 48 kHz
	WMA: ASF file format, 32-192 kbps (Supports variable bit rate (VBR)) at 44.1 kHz
	FLAC: 16, 24 bit at 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4 and 192 kHz
	Linear PCM: Wave-Riff file format, wav file extension, 16, 24 at 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4 and 192 kHz
	AAC: MP4, mp4, .m4a, .3gp file extension, 16 to 320 kbps ((Supports variable bit rate (VBR)) at 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz
	HE-AAC: MP4, mp4, .m4a, .3gp file extension, 32 to 144 kbps at 8, 11.025, 12, 16, 22.05, 24, 32, 44.1 and 48kHz
	Apple Lossless: MP4, m4a, .mp4 file extension, 16 to 24 bit at 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4 and 192 kHz
	AIFF: 16-24 bit at 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4, and 192 kHz
	*Sampling frequency may not correspond to all encoders.
	**Copyright protected WMA, AAC-LC files cannot be played back.
***Non-standard bit rates or non-guaranteed bit rates are included depending on the sampling frequency.	
Frequency Response	20 to 40,000 Hz(when playing data file, single signal measurement)
Tuner Frequency Range	FM: 87.5 to 108.0 MHz
Audio Features	
Play Mode	Normal / Repeat / Shuffle / Shuffle & Repeat / Repeat 1 Song Playback Range (All Range / Selected Range)
Sound Mode	5-Band equalizer (Rock/Pop/Jazz/Dance/Soul/Relax/Bass Boost/Treble Boost/Custom 1/Custom 2 Clear Bass VPT (Studio/Club/Concert Hall/Matrix)
BT Spec.	
Version	Version 3.0
Profile	
A2DP	Yes
AVRCP	Yes
OPP	Yes
Convenience Features	

Multiple Language Display	German/ English/ Spanish/ French/ Italian/ Polish/ Portuguese/ Russian/ Turkish/ Japanese/ Korean/ Simplified Chinese/ Traditional Chinese
Display	
Display Technology	TFT color display with white LED-backlight, 262,144 colors
Screen Size	2.2" (5.6 cm), QVGA (320 x 240 pixels)
General	
Backlit Color	White LED-backlight
Hardware	
Interface	Stereo mini-jack (Headphone) Hi-Speed USB (USB 2.0 compliant) WM-PORT (multiple connecting terminal):22 pins
Memory	
Memory Size	64 GB
Playback features	
Photo Format(s) Supported	JPEG: Baseline Profile, Compatible with DCF 2.0/Exif 2.21 Number of pixels: Max. 4,096 x 4,096 pixels (16,000,000 pixels)
Power	
Battery Charging (Approx)	USB-based charging: 4 Hours
Battery Life (Approx)	MP3 @128 kbps = 50 Hrs. (Noise Cancel OFF), 43 Hrs. (Noise Cancel ON)
	AAC @256kbps = 48 Hrs. (Noise Cancel OFF), 41 Hrs. (Noise Cancel ON)
	FLAC @96 kHz/24 bit = 40 Hrs. (Noise Cancel OFF), 35 Hrs. (Noise Cancel ON)
	FLAC @192 kHz/24 bit = 30 Hrs. (Noise Cancel OFF), 27 Hrs. (Noise Cancel ON)
	MPEG-4 @384 kbps = 14 Hrs. (Noise Cancel OFF), 13 Hrs. (Noise Cancel ON)
Power Type	Radio = Approx. 22 Hrs (Noise Cancel OFF), 20 Hrs. (Noise Cancel ON)
	Bluetooth = MP3 @128kbps (Approx. 23 Hrs, SBC Connection, FLAC @96kHz/24bit (Approx. 16 Hrs LDAC (Standard)
Video	*Even if the player is turned off for an extended period, a small amount of battery power is still consumed.
	**Battery life may vary depending on volume setting, conditions of use and ambient temperature.

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Video Format(s) Supported	AVC(H.264/AVC): MP4 file format, 10 Mbps bitrate, 30 fps frame rate, 720 x 480 max	Weight (Approx.)	66 g (2.4 oz)
	MPEG4: 6 Mbps bitrate, 30 fps frame rate, 720 x 480 max	Accessories	
	WMV9: ASF file format, 6 Mbps bitrate, 30 fps frame rate, 720 x 480 max	Supplied Accessories	Headphones (1) Earbuds (1 set) Clip for Headphones (1) USB cable (1) Startup Guide (1) Instruction Manual (1) microSD card is not supplied with your Walkman.
Weights and Measurements			
Dimensions (Approx.)	43.6 x 109 x 8.7 mm (1 3/4 x 4 3/8 x 11/32 inches) (w/h/d, projecting parts not included)		
	44.4 x 109.1 x 9.1 mm (1 3/4 x 4 3/8 x 3/8 inches)		

1. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.

2. Interoperability and compatibility among Bluetooth® devices vary.

3. 1GB equals 1 billion bytes, a portion of which is used for data management functions.

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