

SONY

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NEWS RELEASE: *Immediate*

Enjoy Ultimate Sound Quality in High-Resolution Audio Like You've Never Experienced Before: The Walkman® ZX1 from Sony



(ASIA PACIFIC, 30 December 2013) – Sony is proud to announce the launch of the [Walkman®](#) NWZ-ZX1, designed especially for those who demand the very best in music playback quality while on the move. Utilising its proprietary audio technologies and support for High-Resolution Audio¹ to offer up to seven times the audio quality than what a CD² can deliver, Sony has developed a high-performance portable music player that takes listeners right into the recording studio or concert.

Powered by a OMAP™4 Cortex-A9 1GHz dual-core processor, the Walkman® NWZ-ZX1 has the latest S-Master HX™ digital amplifier built in, which helps to reduce distortion and noise at all frequency ranges and is optimised for High-Resolution Audio. Combined with Digital Sound

¹ 'High-Resolution Audio sound sources' generally refer to PCM- or DSD-format sound sources with information volume (in terms of sampling frequency or bit rate) that exceeds CD (44.1 kHz/16 bit) or DAT (48 kHz/16 bit).

² Information volume equivalent to approx. 3 times or 7 times that of CD format when at 96 KHz/24 bit or 192 KHz/24 bit, respectively.

Enhancement Engine (DSEE HX™) technology that upgrades³ the audio quality of existing compressed sound files to near High-Resolution Audio quality and ClearAudio+™ to ensure realistic audio playback of ground-shaking lows to delicate highs, consumers will be hearing music just as the artist intended.

The Walkman® NWZ-ZX1 has an aluminum body combined with brass-plated components for a very clean and sleek design. A molded base at its rear acts as an amp block to house all electrical components necessary for high-quality music reproduction. In addition, its leather-effect rear rubber grip adds comfort and stability when holding it in one's hands.

Besides giving the Walkman® NWZ-ZX1 its well-crafted and industrial design, high-grade aluminum alloy was chosen for its rigidity, and carving out the body from a single piece of metal minimises any unwanted inference and electrical noise to deliver stable high-quality 196KHz/24bit audio in various formats, including FLAC, Apple Lossless and AIFF.

Besides the hardware, Sony has also taken into consideration other factors that may impede on audio quality. The S-Master HX™ digital amplifier uses a film capacitor with good thermal properties for its audio output stage filter to reproduce the tonal nuances of string instruments and vocals and vibrant overtones of woodwind instruments. Besides incorporating a larger, higher-quality OS-CON polymer capacitor typically not used in mobile devices, the battery connection of the Walkman® has also been strengthened with protection circuits and special lower-resistance cables to deliver deep and booming bass notes and explosive mid- to high-range notes.

A common source for sound distortion, Sony has opted to design a larger headphone jack to help reduce wear and tear damage over time by reducing contact resistance while still stabilising contact point pressure.

The Walkman® NWZ-ZX1 combines the audio quality that the Walkman® brand is known for with the versatility of the Android platform. Running on Android 4.1, users can download apps via Google Play to fully explore the entertainment potential of the Walkman®. A host of connectivity features such as Wi-Fi, Bluetooth® and NFC for One-touch listening, giving users

³ Extendable to a maximum of 192 KHz/24 bit equivalent.

unlimited options when playing music either at home, outdoors or any other location – with just a simple wireless pairing of compatible devices.

The flagship Walkman® NWZ-ZX1 comes with 128GB of built-in memory capable of storing High-Resolution Audio content equivalent to approximately 800 songs⁴. It is the largest capacity Walkman® ever produced by Sony, and also allows for storage of your entire audio collection with expansion via its memory card slot. Viewing of the large library of high-quality music files is made easy with its brilliant 4-inch (854 x 480 pixel) TRILUMINOS™ Display for mobile touchscreen.

Buttons for playback, pause, song selection and volume have been thoughtfully mapped to be located by the side of the ZX1, allowing users to play audio and video quickly and conveniently. A dedicated WM-PORT has also been built in to allow for the output of audio. A new dashboard feature for the Music Player application gives users the freedom to choose what content they want to enjoy directly from the screen itself. And when you can't decide on what to listen to, let the SensMe Channels app suggests songs for you instead.

The premium Walkman® NWZ-ZX1 from Sony will be available in Asia Pacific from February 2014 onwards.

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Specifications Sheet

Model	NWZ-ZX1
Internal Memory Capacity	128GB
Processor	OMAP™4 Cortex-A9 1GHz dual-core
Playback	Music, Photos, Videos
Audio Compression Format	FLAC/Apple Lossless/AIFF/MP /AAC-LC/WMA/Linear PCM
Video Compression Format	MPEG4/AVC (H.264/AVC)/Windows Media Video 9
Display	4.0-inch TFT color LCD, FWVGA (854 x 480 dot) TRILUMINOS™ display for mobile, OptiContrast Panel
Touchscreen	Yes
Digital amp	S-Master™ HX
Equaliser	Five bands (OFF/Rock/Pop/Jazz/Unique/Soul/Easy listening/Bass boost/Treble boost/Custom/User settings 1/User settings 2)
VPT (surround)	Yes: 4 types (Studio/Club/Concert hall/Matrix)
Battery	Built-in lithium-ion rechargeable battery
Playback time	Music playback: 32 hours; video playback: 5 hours
Dimensions (w x h x d)	Approx. 59.7mm x 122.3mm x 13.5mm (thinnest part: 9.8mm)
Weight	Approx. 139g

⁴ Converted at FLAC 96 kHz/24 bit; 4 minutes per song.

About Sony Electronics Asia Pacific Pte. Ltd.

Based in Singapore, Sony Electronics Asia Pacific Pte. Ltd. is a subsidiary of Sony Corporation. It serves as the regional management and marketing headquarters for Sony's consumer as well as broadcasting and professional products, overseeing Asia Pacific, Middle East and Africa regions. For more information on Sony's products and services in Asia Pacific, please visit www.sony-asia.com

About Sony Corporation

Sony Corporation is a leading manufacturer of audio, video, game, communications, key device and information technology products for the consumer and professional markets. With its music, pictures, computer entertainment and on-line businesses, Sony is uniquely positioned to be the leading electronics and entertainment company in the world. Sony recorded consolidated annual sales of approximately US\$72.3 billion for the fiscal year ended March 31, 2013. Sony Global Web Site: <http://www.sony.net/>

About make.believe

"make.believe" (make dot believe) is a Group-wide brand message that unites Sony's communications initiatives across electronics, games, movies, music, mobile phones and network services. "make.believe" symbolises the spirit of Sony – the power of creativity, the ability to turn ideas into reality and the belief that anything you can imagine, you can make real.