SONY

Press Release

Sony announces the world's first Eclipsa Audio-certified microphone for smartphones[1]

ECM-AX10 is a portable USB-C spatial audio microphone designed to help vloggers, mobile filmmakers and content creators capture spatial sound, edit on the go and export smartphone videos with spatial audio



Hong Kong, October 9, 2026 – Sony today announced the ECM-AX10, the world's first Eclipsa Audio[2]-certified microphone for smartphones. Created for vloggers, smartphone filmmakers and mobile content creators, the ECM-AX10 helps capture video sound that feels more natural, immersive and true to the moment. Its four built-in omnidirectional microphone capsules record sound from multiple directions, while Sony's spatial audio processing recreates a sense of space, direction and distance that can make smartphone videos feel more engaging for viewers.



Small and lightweight, the microphone connects directly to compatible smartphones[3] via USB-C®[4] and gives creators three easy ways to capture sound: Ambisonics recording for spatial audio production, binaural recording for an immersive headphone experience and stereo recording for everyday videos and social content.



When used with Sony's dedicated Spatial Audio Video Tool[5] app, creators can shoot video, check footage, make simple edits and export content with spatial audio[6]. This allows users to complete the entire production workflow for spatial audio video on their smartphone.

Key product features

Spatial audio for smartphone video
The ECM-AX10 is designed to make smartphone videos sound bigger, natural and true to the moment. Sony's newly developed spherical microphone module uses four omnidirectional microphone capsules to support Ambisonics recording, helping capture sound from all around the scene. With advanced spatial audio processing, creators can bring through the atmosphere, direction and distance of a place, from street performances and festivals to sports, travel content and behind-the-scenes moments, so viewers feel closer to the action.



Three recording modes for different creator workflows
Creators can choose from three recording modes to suit their content, platform and playback needs. Ambisonics recording works with the Spatial Audio Video Tool app to support publishing in Eclipsa Audio™ for an immersive audio experience on YouTube™[7]. Binaural recording uses Sony's proprietary spatial audio technology, also used for 360 Reality Audio, to create a headphone-optimised three-dimensional sound experience even where Eclipsa Audio™ is not supported. Stereo recording offers a versatile format for headphones and speakers. The microphone can also be used with general recording and video apps as well as Sony's dedicated apps.



Compact USB-C design for filming on the move

Weighing approximately 24g, the ECM-AX10 is designed to be carried anywhere and set up quickly for spontaneous filming. The direct USB-C® connection helps creators capture higher-quality audio without a separate recorder or complex setup, supporting a simple smartphone-first production workflow. With the Spatial Audio Video Tool app, users can record video[8], review clips, make quick edits and export finished content with spatial audio entirely on their smartphone, streamlining the journey from capture to share.





Developed with sound engineers

To help ensure the ECM-AX10 delivers an authentic and immersive listening experience, Sony worked with Sony PCL, a Sony Group company with extensive expertise in planning and producing content and spatial experiences. Leveraging the knowledge it has developed through post-production, where video and audio are refined into their final form, Sony PCL supported the sound quality tuning of the microphone.



Sony PCL Sound Engineer Mr. Iwana commented: *"The orchestral sound recorded with the ECM-AX10 captures the music with remarkable depth, with quick response in the low and low-mid ranges, while the high frequencies are expansive and moving. For ambient sound, it also delivers an impressive sense of presence, richly reproducing the three-dimensionality of sound and the spaciousness of a 360-degree sound field. I believe this microphone can vividly capture even the atmosphere of the moment, together with a three-dimensional sense of realism, elevating important videos into works that feel more real and memorable."*



Pricing and availability
The ECM-AX10 will be available from 9th October 2026 at HK$ 1,590.

For more information about Sony's ECM-AX10 compact spatial audio microphone for smartphones, visit https://www.sony.com.hk/en/microphone/products/ecm-ax10.

For customer enquiries, please contact Sony hotline service at (852) 2833-5a129.

About Hong Kong Electronics Solutions Company
Hong Kong Electronics Solutions Company (HKESC), a division of Sony Corporation of Hong Kong Limited, provides sales, marketing and after sales services for Sony's consumer electronics products as well as broadcast and professional products in Hong Kong and Macau. For more information on Sony's products and services, please visit our website at http://www.sony.com.hk.

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[1]World's first spatial audio microphone to earn Eclipsa Audio certification, confirming compliance with spatial audio encoding and compatibility requirements based on the IAMF standard. Sony is a licensed Eclipsa Audio adopter. Certified as of September15, 2026. https://eclipsamedia.org/

[2] Eclipsa Audio is an open-source spatial audio technology based on the IAMF specification, available under a royalty-free license from the Alliance for Open Media. It provides users with premium media technology, delivering immersive, spatial soundscapes through multi-channel setups and Ambisonics audio.

[3] Compatible with smartphones with iOS 18 onwards or Android 14 onwards as well as USB-C port.

[4] USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

[5] Planned for iOS and Android compatibility.

[6] Some functions of this product (video recording, editing, and exporting) require installing the dedicated app on your smartphone. The recording quality on a smartphone may vary depending on the performance of the device. Before purchase, please check the list of smartphone compatibility. Please note that devices not listed have not been tested for operating quality.
URL to be linked to each country/region's CS support page:
https://www.sony.com/en/ecm-ax10_SupportedModels/

[7] Eclipsa Audio and related logos are trademarks of Google LLC. YouTube may not be available in some countries/regions. YouTube is a trademark of Google LLC.

[8] Support for 4K recording is planned from December 2026 onward.