

Dante Audio Adapter AIDIO-DU44



CATALOG

- 1 Product Introduction
- 2 Main Features
- 3 Product Specifications
- 4 External Dimension



Product Introduction

The DU44 is a professional USB-to-Dante adapter developed by AISpeech, with built-in matrix mixing capability. It features a dual-compatible USB-A/USB-C interface, runs without drivers, and supports true plug-and-play operation. The device supports 4 Dante inputs, 2 Dante outputs, 2 USB inputs, and 2 USB outputs. With the visual configuration software, users can flexibly configure the device, manage audio subscriptions, and adjust functional settings for different application scenarios.

The DU44 can be used with multiple AISpeech high-end microphone products. It is seamlessly integrated with for the AIMIC-MCS06 all-in-one ceiling microphone with built-in pickup and Voice Lift, supporting Dante Auto-Routing to significantly simplify system deployment and commissioning. Combined with USB or PoE power supply and low-latency transmission, the DU44 provides a reliable, simple, and stable audio interconnection solution for professional conferencing systems.

Main Features

Dual USB-A/C Compatibility

The DU44 uses the standard UAC protocol, runs without drivers. Its interface design supports both USB-A and USB-C, enabling plug-and-play deployment for fast audio interconnection.

Visual Management & Open API

The DU44 provides visual configuration software for device setup, parameter control, and firmware upgrade, helping users quickly adapt to different meeting environments and improve deployment efficiency. It also offers an open API for third-party platform integration, including device control, status monitoring, and system integration.

Auto-Routing for MCS06

Once connected, Dante auto-routing is enabled, eliminating the need for manual configuration of complex subscription relationships and significantly simplifying the deployment and commissioning of the conference system.

High-Quality Audio, Flexible Power

The DU44 supports 48 kHz high-quality audio transmission for clear and stable voice delivery. It also supports both USB power and PoE power, making it suitable for both mobile use and fixed installation scenarios.

*Dante Audio Mixing

The DU44 supports 4 Dante inputs, 2 Dante outputs, 2 USB inputs, and 2 USB outputs. Audio configuration and mixing can be tailored to specific requirements. Compared to standard pass-through adapters, the DU44 offers greater flexibility for typical applications such as conference sound reinforcement and audio access for remote meetings.

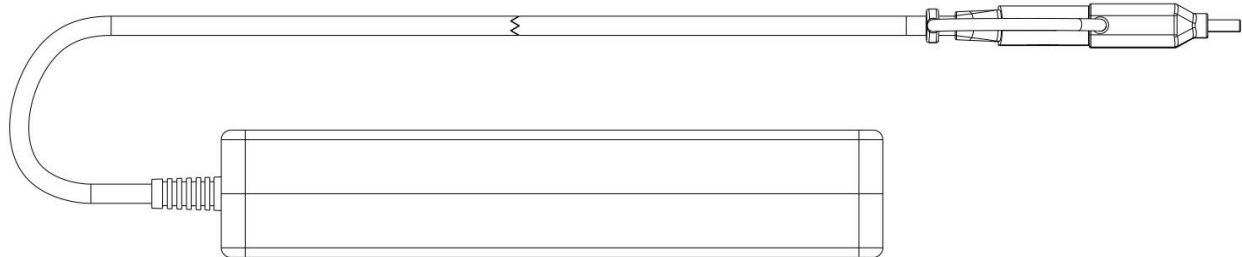
*Note: Custom mixing will be supported in Q3 2026. In the current version, only Dante 2-in and 2-out are enabled. The MCS06 Auto-Routing function supports networking with one or two devices.

Product Specifications

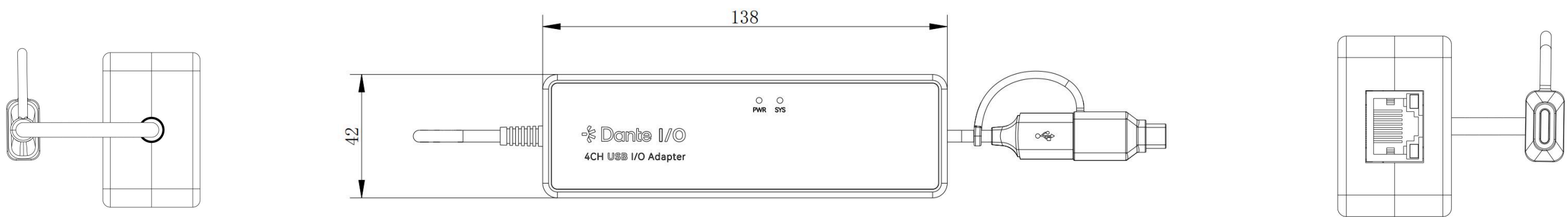
Category	Specification	
Basic	• Color	Gray
	• Dimensions	138 mm × 42 mm × 26.5 mm
	• Package Dimensions	195 mm × 70 mm × 68 mm
	• Net Weight	Approx. 200 g
	• Power Supply	USB or PoE
Performance	• Audio Channels	Dante: 4 in / 2 out; USB: 2 in / 2 out
	• Sampling Rate	48 kHz
	• Bit Depth	16-bit, 24-bit, or 32-bit
	• Latency	1 ms, 2 ms, or 5 ms
Features	• Auto-Routing	Supported (MCS06 only; supports up to 2 MCS06 for routing and mixing)
	• Matrix Mixing	Supported
	• Visual Management	Supported
	• Firmware Upgrade	Supported
	• Open API	Supported
Connectivity	• Connectors	USB-A 2.0 ×1; USB-C 2.0 ×1; RJ45 ×1
Button	• RESET Button	×1
Other	• Operating Temperature:	0°C to 40°C
	• Storage Temperature:	-20°C to +70°C
	• Operating / Storage Humidity:	20% to 95% RH
	• Certifications	FCC、CE

External Dimension

Unit: mm



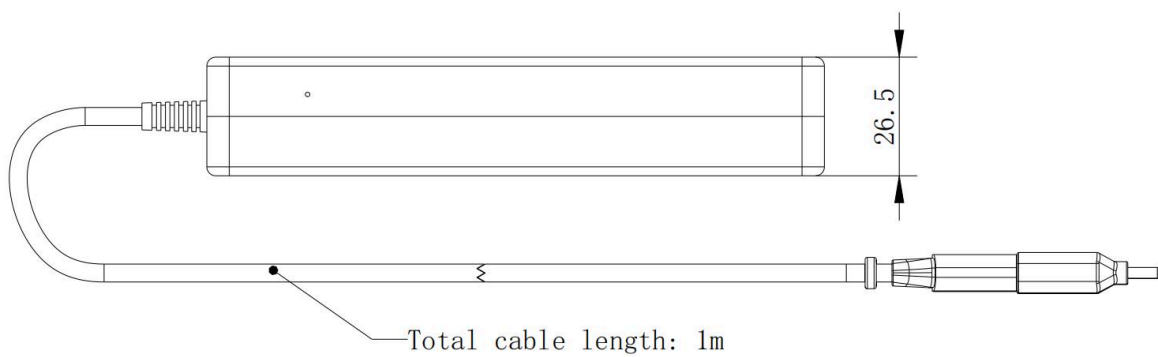
Top View



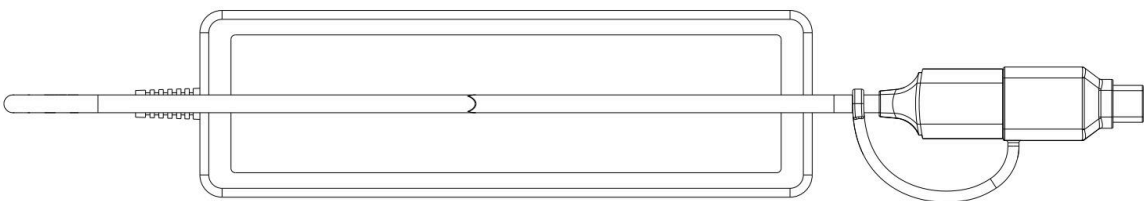
Left View

Front View

Right View



Bottom View



Rear View

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