

D7159

Desktop Interpreter Unit



Description

The D7159 Desktop Interpreter Unit adopts full digital processing technology, delivering excellent audio quality and strong resistance to interference. It supports up to 6+1 simultaneous interpretation channels, making it suitable for multilingual conferences. Equipped with a touch display for intuitive operation, it allows easy language selection and volume adjustment. The unit features a built-in cardioid condenser microphone and supports external headset input, offering flexible audio input options for various conference and interpretation applications.

Features

- Fully digital design, providing high audio quality and excellent anti-interference capability.
- Supports wired simultaneous interpretation, with up to 6+1 language channels.
- Comes with dedicated high-density cables, featuring one RJ45 plug and one RJ45 socket for daisy-chain connection between units.
- Features an integrated square-column microphone stem with cardioid electret condenser microphone and dual-color indicator ring (red/green).
- Supports external headset audio input, with easy switching between headset and microphone stem.
- Excellent resistance to mobile phone interference.
- Equipped with 4-inch square capacitive touch display for real-time status indication.
- 3.5 mm audio jack for headphones or headsets.

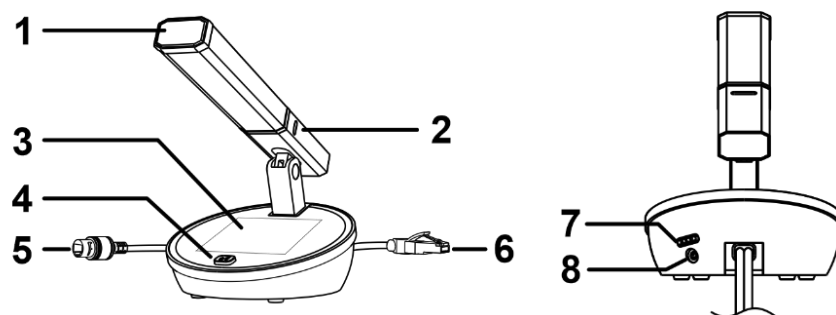
- Independent adjustment of microphone volume and headphone monitoring volume.
- Each interpreter unit has a unique ID number.
- Cough suppression function prevents coughing sounds from being transmitted.
- Language names can be modified via PC or web control software.
- Bilingual display support (Chinese/English).
- Self-test function when connected to control host, including testing of buttons, LED indicators, and LCD screen.
- Passive device powered by system host or PoE switch, with input voltage of +48V.

Specifications

Model		D7159
Structure Type		Desktop
Effective Frequency	Unit A to Unit B	80Hz–12kHz
Range with Gain Limit	Host Line to Unit	80Hz–16kHz
Static Power Consumption		<3W
Maximum Power Consumption		<4W
Signal-to-Noise Ratio		>75dB (A-weighted)
Harmonic Distortion		<0.3%
Headphone Output		9dBu, 8-32Ω, 3.5mm
Operating Power		Host +48V or +48V PoE
Unit Interface		Network Interface
Microphone	Microphone Type	Cardioid electret condenser
	Input Sensitivity	-42±2dBV/Pa
	Frequency	50Hz-20KHz
	Maximum SPL	125dB
Product Dimensions (W×D×H)		142×139×65mm
Package Dimensions		385×345×181mm
Net Weight		0.74kg
Gross Weight		2.5kg

Front / Rear Panel

Button and Indicator Functions



1. Microphone stem
2. Microphone indicator, Red: speaking.
3. 4-inch capacitive touch screen
4. Microphone on/off button with indicator.
5. RJ45 network socket, cable length: 1.5 m

6. RJ45 network plug, cable length: 2 m

7. Volume adjustment buttons Short press any button to adjust microphone volume. Press and hold the ◀ button to adjust headphone monitoring volume.

8. 3.5mm audio jack