

**DRIGER<sup>®</sup>**

# Digital Array Microphone



**User Manual**  
**English (V1.0)**



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## Notice

Product specifications and information which were referred to in this document are for reference only. We may change, delete, or update any content at any time and without prior notice.

## FCC NOTCE (Class A)



This device complies with Part 15 of the FCC Rules. The operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. f this equipment does cause harmful interference to radio or television r eception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- ncrease the separation between the equi pment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

## Class A TE

Class A TE is a category of all other TE which satisfies the class A TE limits but not the class B TE limits. Such equipment should not be restricted in its sale but the following warning shall be included in the instructions for use:



Operating this equipment in a residential environment may cause radio interference.

## European Community Compliance Statement (Class A)

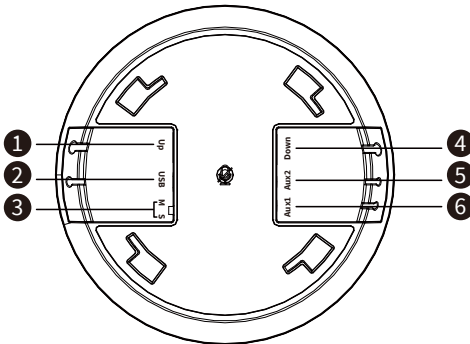
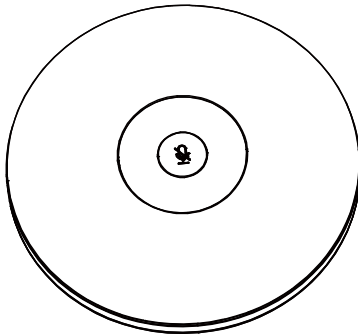


This product is herewith confirmed to comply with the requirements set out in the Council Directives on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive 2014/30/EU.

## 1 Packing List

Name	Quantity	Name	Quantity
Microphone	1	Remote Control (optional)	1
USB Cable	1	Mounting Bracket (optional)	1
Audio Cable	1	Quick Start Guide	1
Network Cable	1	-	-

## 2 Appearance and Interface



No.	Interface	Function
1	Up	Up cascade network interface, cascading up devices through PoE network cable
2	USB	USB audio interface for connecting to the USB host or powering the microphone
3	M/S	Disable
4	Down	Down cascade network interface, cascading down devices through PoE network cable
5	Aux2	Audio input and output interface, sound collected by the local microphone can be output to the terminal or recording host
6	Aux1	Audio input and output interface, the audio reference signal sent from the remote classroom can be output to the local player

## 3 Product Features

### Digital Array Microphone, Long Distance Voice Pickup

High SNR ring microphone array design, clear pickup from long distance. Let the speaker move around more freely in the room and get rid of the constraints.

### Blind Beamforming, Automatic Alignment to Speaker

Blind beamforming, precise positioning, adaptive sound field environment can achieve voice enhancement and better anti-interference ability.

### Smart Audio Algorithms, Clear Natural Sound

Built-in powerful audio processing unit, ultra-low signal processing delay; Adaptive fast convergence algorithm, voice intelligent tracking, intelligent noise reduction, echo cancellation, automatic gain, de-reverberation and other advanced technologies, double-talk without suppression, you can easily listen in noisy environments. For ordinary users, there is no need for professional tuning, and it can be used for regular conference applications when it is turned on. For enthusiast users, you can also open the EQ interface and enter the professional tuner mode for personalized high-end tuning.

### PoE Cascading, Even Coverage of Conference Room Pickup

Flexible setting of master and slave devices, multiple cascades through PoE network cables, distributed pickup and interaction, evenly covering medium and large conference room spaces.

### Standard Interface, Plug and Play

Equipped with standard USB and Aux audio interfaces, the device is plug and play, and can meet the dual-mode application of digital and analog audio.

### Desktop/Ceiling/Wall Mounting, Simple and Flexible Deployment

Support desktop/ceiling/wall mounting, flexible and fast deployment, and reduce operation and maintenance costs.

## 4 Product Specifications

Audio Features	
Microphone Type	Omnidirectional Microphone
Array Microphone	Built-in 6 mics to form ring array microphone, 360° omnidirectional pickup
Sensitivity	-38 dBFS
Signal Noise to Ratio	65 dB(A)
Frequency Response	50Hz ~ 16kHz
Pickup Range	3m
Automatic Echo Cancellation (AEC)	Support
Automatic Noise Suppression (ANS)	Support
Automatic Gain Control (AGC)	Support
Hardware Interfaces	
Network Interface	1 x Up: Up cascade network interface
	1 x Down: Down cascade network interface
USB Interface	1 x USB: USB audio interface
Audio Interface	1 x Aux1: 3.5mm audio input and output interface
	1 x Aux2: 3.5mm audio input and output interface
General Specifications	
Cascade Method	PoE network cable
Power Supply	PoE cascade, 48V, support IEEE 802.3at
Dimension	Φ170mm x H 40mm
Net Weight	About 0.4Kg



Product specifications are subject to change without notice.