



- USB 2.0 Connection and power via a single USB cable
- Power consumption 49mA at 5Vdc (max)
- Enumerates as a Windows recording device
- Includes far-field voice capture technology
- Active noise cancelling and noise suppression
- Sampling rate: 8 kHz to 48 kHz (CD quality plus)
- Ultra-high 70 dBA SNR
- -32 dBV Differential sensitivity, -38 dBV single-ended sensitivity
- ± 2 dB Sensitivity tolerance
- Non-inverted signal output
- Extended frequency response from 75 Hz to 20 kHz
- Enhanced RF performance
- 124 dB SPL Acoustic overload point
- -77 dBV PSR
- RoHS/WEEE Compliant

Microphone Array Module
Microphone Array Module
USB 2.0 Cable, 90cm long, angled mini-B male connector to Type A male connector
Microphone Array Kit
(Includes Microphone Array Module, Activation Sensor & cables)

Part Numbers
AT00-15001
4500-01

AT00-15001-KIT

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Far-field Microphone Array for speech command, voice recognition and voice communication applications.

The Microphone Array Module is an accessible interface device delivering clear voice reception in exposed, unsupervised, public applications.

The Microphone Array Module is designed to be permanently and easily installed to the underside of any customer facing panel. It can be oriented in either a horizontal or vertical configuration.

The microphone's voice reception zone is optimized to suit kiosk applications. Active noise cancelling and noise suppression technology ensures effective voice reception even in noisy environments.

The Microphone Array Module is ideal for use in speech commanded applications and for provision of remote conferencing and concierge services. This USB peripheral device enumerates as a Windows Recording Device, requiring no additional drivers or software to achieve functionality.

The Microphone Array Module is designed for use with the Microphone Activation Sensor, part number AT01-12001

Storm Assistive Technology Products provide improved system accessibility for those with impaired vision, restricted mobility, limited dexterity or reading difficulties.

Performance

Vibration & Shock:
Impact Resistance:
Certification:
EMC:

FCC:
ESD Immunity:
EN 301 549 / ADA:

ETSI 5M3
IK09 (10J rating)
CE / FCC / UL
55032 Class B (Emissions)
55035 (Immunity)
47CFR15 Class B (Emissions)
15kV Contact and Air Compliant

Environmental

Operational Temperature:
Weather Resistance:

-20°C to +70°C (dry)
IP65 (when panel mounted)

Specification

O/S Compatibility:

Compatible with currently supported versions of Microsoft Windows
5V ± 0.25 V (USB 2.0)
Mini USB B Socket
Alexa/Google Assistant/Cortana/Siri

Rating
Connection:
Voice Assistant Support:

For more information & to order visit:

www.storm-interface.com

AT00 Apr 2022

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.

