



# AM-1

Real-time steering array microphone



**Talk to your audience,  
not to the microphone.**

# AM-1

## Real-time steering array microphone

Placed flat and unobtrusively on the podium, the real-time steering array microphone tracks your voice and captures it clearly and uniformly. Equipped with a built-in sensor, the microphone detects sound sources and steers its beam angle automatically in real-time to focus on that source. This frees speakers to move back and forth in the vicinity of the podium, turn or tilt their heads to address different sections of the audience, or gesture naturally without concern for the location of the microphone. The innovative voice-tracking technology completely eliminates the interference and inconvenience of gooseneck or handheld mikes. Intuitive parameter setting by iPad™ adds further convenience.

### HIGH MOVEMENT FLEXIBILITY

- Built-in voice detection sensor captures voice from up to 3m and to tracking range angles up to 180°
- Level compensation for reduced volume variations
- Narrow (50°) directivity assuring minimal acoustic feedback



Microphone unit – Top View

### UNOBTRUSIVE DESKTOP DESIGN

- Innovative pad-like form permitting unobtrusive placement
- Removal of barrier between speaker and audience
- Freedom to adopt a comfortable speaking posture
- Ability to move and gesture naturally

### TROUBLE-FREE SETTING AND MONITORING

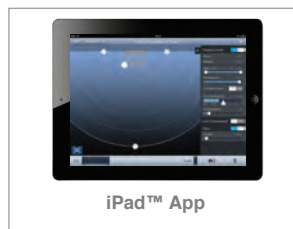
- Permits quick, one-touch adjustment of control unit parameter settings from an iPad™ using a dedicated app or firmware
- Adjustment by PC is also possible
- Tracking distance/range, sensitivity/speed, Mute on/off



Control unit – Front Panel



Control unit – Rear Panel



iPad™ App



Microphone unit – Side View

### SPECIFICATIONS

#### MICROPHONE UNIT (AM-1MB)

Power Source	24VDC / 200mA (supplied from control unit)
Frequency Response	150Hz – 18kHz
Directivity (Beam Width)	50°
Max. Cable Length	70m (between microphone & control)
Applicable Cable	Twisted two-core, shielded cable
Mute Function	Mechanical mute switch
Dimensions	482 (W) x 20 (H) x 65 (D) mm

#### CONTROL UNIT (AM-1C)

Power Source	24VDC / 400mA (including microphone power/supplied by AC adapter)
S/N (Microphone)	Over 90dB
Input	Microphone input (audio & communication), XLR-3-31 equivalent
Audio Output	Analog: +4 dBu, -10 dBV, -50 dBu (selectable), XLR-3-32 Digital: AES/EBU 24bit 110Ω, XLR-3-32
Network Port	RJ45
Option	AD-246 AC adapter

### CONNECTION

