

AM-CF1W 3CU

INTEGRATED AUDIO COLLABORATION SYSTEM



The AM-CF1 is an Audio Collaboration System that will change your perception of web conferences. Imagine you are in a team conference and everyone gets clearly heard across different locations - no matter how passionately you discuss your ideas. The AM-CF1 with its integrated microphone array and soundbar turns any web conference in a natural conversation - clear as face-to-face. The integrated array of 8 steerable microphones automatically focuses on whoever is talking in real-time, allowing a natural conversation in web conferences.

Key features

- TOA's original beam forming array microphone technology offers ideal sound recording
- High quality audio supports natural conversation in huddle rooms
- Easily connectable via USB for a PC-based web conference and for USB web-camera
- Bluetooth® interface allows attendees on the public phone line
- LED light tells your voice is now being surely collected and delivered to remote partner
- Built-in DSP function such as Automatic Echo Cancellation and Automatic Noise Reduction
- Wall-mount installation gives more free space
- Black or white colored according to interior design
- Compatible for PoE plus and power supply

Specifications

Power Source	12 V DC (supplied from the specified AC adapter) or 52 V DC (supplied from the specified PoE extender)
Current Consumption	3.5 A or less
Input	USB Audio: 2 channels, USB 3.0/USB 2.0/USB 1.1, 3.0 type-B port Bluetooth: 2 channels (A2DP1.3 (stereo), HPF1.6) Codec: 1 channel, -10 dB*1, 10 k Ω , unbalanced, RCA pin jack AUX: Stereo 1 channel, -10 dB*1, 10 k Ω , unbalanced, RCA pin jack
Output	USB Audio: 2 channels, USB 3.0/USB 2.0/USB 1.1, 3.0 type-B port Bluetooth: 1 channel (HPF1.6) Codec: 1 channel, -10 dB*1, 600 Ω , unbalanced, RCA pin jack AUX: Stereo 1 channel, 4 dB*2, 600 Ω , electronically-balanced, removable terminal block (6 pins) Internal speaker: 2-way (woofer $\times$ 2, tweeter $\times$ 1) $\times$ 2, 10 W $\times$ 2
USB Hub Port	USB 3.0/USB 2.0/USB 1.1, type-A port
Control Input	2 channels, no-voltage make contact input, open voltage: 12 V DC, short-circuit current: 2 mA or less, removable terminal block (6 pins)
Control Output	2 channels, relay contact output, withstand voltage: 30 V DC, control current: max. 300 mA, removable terminal block (6 pins)
Network I/F	10BASE-T/100BASE-TX, RJ-45
Microphone	Unidirectional electret condenser microphone
Frequency Response	20 Hz – 20 kHz (AUX IN – AUX OUT)
User Controls	Power switch, Bluetooth pairing switch, Mute switch, Volume Up/Down switch
Indicators	Power indicator (blue/green/yellow/red), USB connection indicator (green/blue), Bluetooth indicator (blue), Multifunction indicator (green/red)
Operating Temperature	0 – 40°C (32 – 104°F)
Operating Humidity	90% RH or less (no condensation)
Finish	Body: Aluminum, white (RAL 9003 equivalent), 30% glossy Punched net: Surface-treated steel plate, white (RAL 9003 equivalent), 30% glossy Side cover: ABS resin, white (RAL 9003 equivalent)
Dimensions	800 (w) $\times$ 83.2 (h) $\times$ 85.8 (d) mm (31.5" $\times$ 3.28" $\times$ 3.38")
Weight	4.6 kg (10.14 lb)
Included Accessories	AC adapter (DC cord length: 1 m or 3.28 ft) ... 1 AC Power cord (2 m or 6.56 ft) ... 1 USB cable (3 m or 9.84 ft) ... 1 Removable terminal plug (6 pins) ... 2 Wall mounting bracket (preinstalled on the unit) ... 1 Hex wrench (M3) ... 1

(*1) 0 dB = 1 V

(*2) 0 dB = 0.775 V

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A&E specifications

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