■ DESCRIPTION

The LENUBIO (AM-CF1) is a new audio system for huddle spaces and small to medium conference rooms. It consists of a TOA microphone array, digital signal processing and a pair of high performance loudspeakers to provide an easy to install, one box solution for audio/video conferencing. A pair of USB 3.0 ports provides easy integration with the 1080p camera of your choice, with only one wire required to connect to a laptop or other computer for a PC based web conference. The LENUBIO mounts discretely on the wall beneath your monitor and can be powered by the included power supply or by using an optional PoE injector (see below for PoE requirements)

■ SPECIFICATION

Model Number		AM-CF1B	AM-CF1W
Power Source		12 V DC (supplied from the specified AC adapter) or 52 V DC (supplied from the specified PoE extender)	
Current Consumption		Under 3.5 A	
Inputs		USB Audio: 2 channels, USB 3.0/USB 2.0/USB 1.1 micro-B port Bluetooth: 2 channels Codec: 1 channel, RCA pin jack, −10 dB[*1], 10 kΩ, unbalanced type AUX: 2 channels, RCA pin jack, −10 dB[*1], 10 kΩ, unbalanced type	
Outputs		USB Audio: 2 channels, USB 3.0/USB 2.0/USB 1.1 micro-B port Bluetooth: 1 channel Codec: 1 channel, RCA pin jack, −10 dB[*1], 600 Ω, unbalanced type AUX: 2 channels, removable terminal block (6 pins), 4 dB[*2], 600 Ω, balanced (electronically-balanced) type Internal speaker: 2-way × 2 (woofer × 2, tweeter × 1)	
Control Inputs		2 inputs, removable terminal block (6 pins), no-voltage make contact	
Control Outputs		2 outputs, removable terminal block (6 pins), no-voltage make contact, relay contact output	
Network I/F		10BASE-T/100BASE-TX, RJ-45	
Microphone		Unidirectional electret condenser type	
Frequency Characteristics		20 Hz – 20 kHz (AUX IN – AUX OUT)	
Operation Section		Power switch, Bluetooth pairing, Mute, Volume Up/Down	
Indicators		Power (blue/blue-green/green/orange/red), USB connection (green/blue), Bluetooth (blue), Multifunction (green/red)	
Operating Temperature Range		0 – 40˚C	
Operating Humidity Range		90% RH or less (no condensation)	
Finish	Body	Surface-treated aluminum plate, black, 30 % gloss	Surface-treated aluminum plate, white (RAL 9003 equivalent), 30 % gloss
	Punched net	Surface-treated steel plate, black, 30 % gloss	Surface-treated steel plate, white (RAL 9003 equivalent), 30 % gloss
	Side cover	ABS resin, black	ABS resin, white
Dimensions		799 (w) x 83.2 (h) x 85.5 (d) mm (31.46" x 3.28" x 3.37")	
Weight		4.6 kg (10.14 lb)	

[*1] 0 dB = 1 V
[*2] 0 dB = 0.775 V
Note: The design and specifications are subject to change without notice for improvement.
• Accessories
Removable terminal plug (6 pins)` 2