

USB Superbeam® Array Microphone



Plus



- Break away from cumbersome headset mounted microphones with a far field array microphone for any PC with a USB port. Play voice enabled games, internet chat, and use Microsoft XP speech recognition to use voice to enter data into Office applications
- Outperforms a USB headset on Speech Recognition accuracy**
- The Andrea USB Superbeam® Array is a far field stereo microphone array with a Stereo Full Duplex (stereo input and stereo output) USB interface.
- Impressive noise reduction capabilities using DSDA® 2.0 Adaptive Beam Forming and PureAudio® 2.0 Adaptive Noise Reduction Software for Windows® XP, 2000, Me or 98SE.
- Package includes:
 - Superbeam Stereo Array Microphone
 - Stereo Mic USB Adapter
 - Software Driver CD (with free AudioCommander software)



* For full duplex action, headphones may be required depending on user setup

** Andrea Audio Test Labs results using MS Office XP speech engine. Your results may vary.

Stereo Array Microphone - Model Array 2-S

Parameter	Value (Typical)
Electrical Characteristics	
Mic bias Supply Voltage for rated sensitivity	4 VDC
Operating Mic bias Supply Voltage Range (with up to 3 dB sensitivity variation)	2.5 to 5 VDC
Supply series resistor	2 KOhms +/- 0.5K
Operating Current (each channel)	0.6 mA
Output Impedance	<100 Ohms
Max SPL Input @ 1 KHz	101 dB
Max Output (THD <3% @ 1 KHz)	120 mV rms
Sensitivity (Re: 1V @ 0.1 Pa)	-44 dB, +/- 4 dB
Frequency Response	300 Hz - 8000 Hz
Noise	20 uV
Operating Temperature 0°C to + 70° C	
Connector	3.5 mm jack, left mic power and left audio on "tip", right mic power and right audio on "ring". Sleeve common ground.
Physical	
Size	4.2" length x 1.7" width x 0.9" height

Stereo Full Duplex USB Interface - Model USBD-2A

Mic Input/Array Input	
Input Channels	2 channel (Stereo) Mic Input comparable with the Superbeam Array Microphone and Andrea NC Headsets. Note: Andrea ANC products require optional TRS1 Adapter
Microphone Power Provided	2.2K Ohms, 5 VDC
Rated Input Levels for full scale output	6 - 60 mV (RMS)
Frequency Response (at max. sample rate)	25 Hz to 9 kHz
Sampling Rate	8, 11.025, 22.05, 44.1 and 48 kHz
Connector	3.5 mm jack, left mic power and left audio on "tip", right mic power and right audio on "ring".
Headset/Headphones Output	
Frequency Response (at max. sample rate)	32 Hz - 19 kHz
Sampling Rate	8, 11.025, 22.05, 44.1 and 48 kHz
Rated Power Output into 32 Ohms	3 mW (with no increase in distortion)
Connector	3.5 mm jack

USB Interface

Interface	USB Version 1.1 Compatible
Power	USB Bus Powered
Cable	High Speed shielded cable to "A" Type connector, 18" long
Computer OS Support	Windows® XP, 2000, Me, or 98SE

Specifications subject to change without notice.

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