



ANDREA  
COMMUNICATIONS

# EDU-455 USB

## OVER-EAR (CIRCUMAURAL) STEREO USB HEADSET



- Exclusive noise-canceling microphone meets the highest standards to receive the “6 Dragon” rating for speech accuracy by Nuance
- Heavy duty rigid boom and swivel allows for perfect mic placement
- 40 mm speakers with deep bass sound deliver crystal clear audio
- Large over-ear cups reduce up to 75% of background noise
- Plush leatherette ear cushions are easy-to-clean and replaceable
- Adjustable dual headband ensures a comfortable fit on smaller heads
- Extra long 8-foot cable with external USB sound card and USB plug
- Certified safe for use by children in accordance with the United States Consumer Product Safety Commission



PROPRIETARY  
MICROPHONE DESIGN



**EDU-455 USB**  
WITH BUILT-IN USB SOUND  
CARD AND USB PLUG

PARAMETER	VALUE
<b>Operations</b>	
Power	USB
Microphone Input	1 Channel
Audio Output	2 Channel-stereo
<b>Microphone</b>	
Noise Cancellation	5 dB/octave
Frequency Range	100-10,000 Hz
Electrical Signal-to-Noise Ratio	> 60 dB
Sensitivity at 1kHz (0dB=1V/Pa)	-44 dB
Current Consumption	< 0.5 mA
A/D Conversion Resolution	16 bit
THD + N	-76 dB
<b>Speakers</b>	
Frequency Range	50-20,000 Hz
Coil Resistance	32 ohm
Sound Output from 1kHz 1mW Input (0dB=20µPa)	114 dB
Maximum Input Power	40 mW
D/A Conversion Resolution	16 bit
THD + N	-71 dB



Education



Speech  
Recognition



Video  
Conferencing



Computer  
Gaming



Music  
Listening

Andrea Communications LLC  
140 Finn Court • Farmingdale, New York 11735  
800.442.7787 • sales@andreacommunications.com  
www.andreacommunications.com

