USB12 **PROFESSIONAL RECORDING MICROPHONE**

OVERVIEW:

The USB12 is a miniaturized USB condenser microphone used for recording voice and acoustic instruments directly into a computer. Known for its clarity, excellent transient response, SPL handling and ease of operation, the USB12 is designed to naturally capture and reproduce vocals and instruments with stunning detail.

The USB12, which is characterized with a uniformly controlled cardioid polar pattern, provides excellent isolation and control at the sound source. With a smooth and accurate response over a frequency range of 50 Hz - 16 kHz, the USB12 sits on top of a stable desktop base and can be quickly and easily adjusted to any position.

The USB12 has a 16 bit sample resolution and supports 44.1k and 48k sample rates for both playback and recording. This high definition condenser microphone features a push-to-talk button with the option of "steady on" or "momentary on" as well as a headphone jack for real time monitoring and a bass roll-off filter to control unwanted low frequency signals.

The USB12 includes a 6' USB cable, matte black finish and field replaceable capsule. Also available in white (USB12W).

SUPPLIED ACCESSORIES:
6' USB cable (CBLUSB6)
External windscreen (WS20)

MODEL VARIATIONS:
USB12W - Same as above in white

REPLACEMENT CAPSULES:
CPSADXC - Cardioid
CPSADXHC - Hypercardioid
CPSADXO - Omni-directional

FEATURES:
Flexible gooseneck design
Records directly into computer via USB port
Studio quality sound
"Plug and play"
Mac and PC compatible
16 bit sample resolution
Supports 44.1k and 48k sample rates
12 mm high resolution condenser capsule
Push to Talk - "steady on" or "momentary on"
  Bass roll-off filter
Headphone jack for real time monitoring
Available in black or white

APPLICATIONS:
Vocal recording
Instrument recording
Podcasting
Live Chat / IP Communication
Medical / Legal Reporting
Conferencing
Internet Telecommunication

USB12W   6' USB CABLE
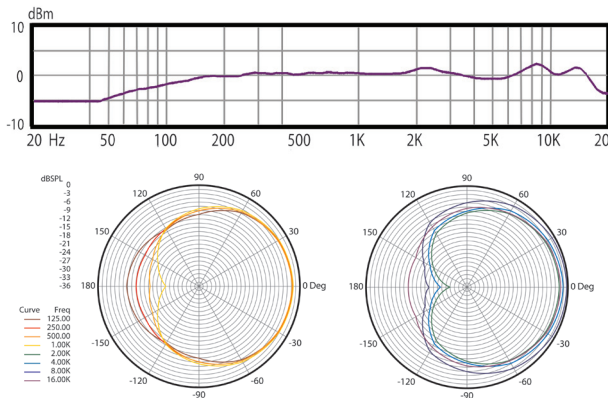
USB12

SPECIFICATIONS:

Transducer Type	Pre-Polarized Condenser
Frequency Response	50 Hz - 16 kHz
Polar Pattern	Cardioid
Output Impedance	1000 Ohms
Open Circuit Sensitivity	1.3 mV / Pa
Signal to Noise Ratio	64 dB, 1k @ 1 Pa
Maximum SPL @ 1% THD	115 dB
Dynamic Range	85 dB
Operating Voltage	5 Volts via USB connection
Switch Type	Membrane
On/Off Switch Function	Push To Talk (PTT) or
	Push To Lock (PTL)
Roll-off Filter	@150 Hz
Sampling Rate	16 bit, 44.1k / 48k for
	both playback and recording
Housing / Finish	Brass
	Matte black
	White (USB12W)
Weight	567 g / 20 ounces
Length	310 mm / 12.2 inches

FREQUENCY/POLARS:

ARCHITECTS AND ENGINEERS SPECIFICATIONS:

The microphone shall be of the pre-polarized condenser type with a modular threaded capsule available in a cardioid pattern. The microphone shall operate on 5 V via USB connection and the nominal output impedance shall be equal to 1000 Ohms at 1 kHz. The microphone shall have a sensitivity of 1.3 mV / Pa. The microphone shall have a maximum SPL level of 115 dB and the microphone shall have a base with a membrane on-off switch with built in options of push to talk, push to talk, and bass roll off filter. The microphone shall consist of brass parts, aluminum tubing, and coiled steel gooseneck. The dimensions of the microphone shall be 310 mm in length, 12 mm in diameter at the microphone grill and 90 mm in width at the base by 99 mm in depth. The microphone shall be the Audix USB12.

OPERATION:

The USB12 is a miniaturized condenser microphone designed to work with a USB port on any computer. The computer must be equipped with USB 2.0 or higher.

Plugging in the microphone: With the supplied cable, plug one end of the cable into the microphone and the other into the USB port on your computer. You will get a message to the effect of "Found New Hardware" and the drivers will load as "C-Media USB Headphone Set." Depending on the type of computer you have and software, you will want to change the default setting of your audio microphone to the USB12 (C-Media). (For more details please visit our website www.audixusa.com).

Headphone input: By using the headphone input, you can monitor yourself in real time (without latency). You also have the option to use the headphone input or powered speakers.

Switches on underside of the base:

Push to Lock: This means that when you push the membrane switch on the front of the mic, it will turn the mic on and off in a normal fashion.

Push to Talk: This means that the mic is ONLY on when you push and hold the membrane switch. This feature (known as a "cough" switch) is handy to have, for example, in a phone conversation where you would like to control what the person on the other end of the line is hearing. Or if you are conducting or recording an interview, and you want to have a quick way to monitor and edit undesirable sounds or comments.

Bass roll-off: This switch allows you to limit or eliminate low unwanted frequencies (such as air conditioning or electronic hum).

Changing Capsules: The capsule on the USB12 is threaded and interchangeable with two other capsules - omni directional and hypercardioid. Capsules may be ordered separately from any authorized Audix dealer.

USER TIPS:

Speaking distance and angle of microphone: The two flexible portions of the microphone will enable you to position the microphone to any number of angles. For the optimum sound quality, do not speak or play directly into the microphone at a close distance, but rather at a distance of 4-6 inches away.

Windscreen: The supplied windscreen should be used to help minimize pop noise and breath noise. If breath or pop noise appears to be excessive, either move further away from the microphone or try speaking over the top of the microphone rather than directly into it.

*For more user tips please visit our website at www.audixusa.com

DIMENSIONS (mm):
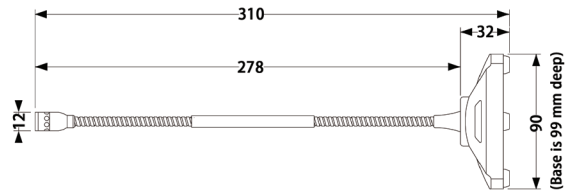
***All specifications subject to change without notice.

AUDIX WARRANTY REGISTRATION FORM

Name:_____ Model:_____
Company:_____ Serial Number:_____
Address:_____ Store:_____
City:_____ Store Location:_____
Prov./State:_____ Zip:_____ Purchase Date:_____
Phone: (   )_____ Signature:_____
Email:_____ Date:_____

Please register your product online at www.audixusa.com or mail this form to:
Audix Microphones P.O. Box 4010 Wilsonville, OR 97070

Please Check all that apply:
☐ Male   ☐ Female

Age:	Occupation:	Primary Instruments:	Product to be used for:
☐ 18 or Under	☐ Musician	☐ Vocal	☐ Pro live sound
☐ 19-25	☐ Producer	☐ Guitar / Bass	☐ Pro recording
☐ 26-35	☐ Sound Eng.	☐ Drums	☐ Home recording
☐ 36-45	☐ Radio/TV	☐ Keyboard	☐ Rehearsal
☐ 46-55	☐ Production	☐ Brass	☐ Installation
☐ 55 +	☐ Other _____	☐ Woodwinds	☐ School
		☐ Strings	☐ House of Worship
		☐ Other _____	☐ Other _____

How did you hear about Audix?
☐ Magazine Ad   ☐ Online Ad
☐ Online Store   ☐ Friend
☐ Salesman   ☐ Other _____

Do you own other Audix Products? ☐ Yes ☐ No
Model(s) _____
Have you visited the Audix website? ☐ Yes ☐ No