

## The Voice Tracker III Array Microphone



### The affordable high-performance array microphone.

Acoustic Magic has been manufacturing and selling the Voice Tracker I scanning-beamforming array microphone since 2002. More than 18,000 have been sold. It has been proven to be reliable, easy to use and capable of picking up talkers clearly at ranges as far as 30 feet, with a 360 degree field of view.

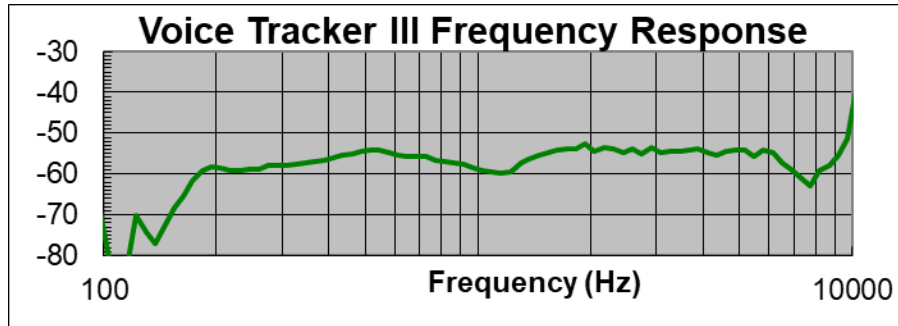
We are now excited to introduce the **Voice Tracker III**, which is based on the pioneering and proven technology of the Voice Tracker I, but has 2 dB better signal to noise ratio, and a flatter frequency response curve.

**The Voice Tracker III** is ideal for our array microphone's traditional applications of lecture and meeting recording, but improvements in VoIP products open the door for additional use in video conferencing and distance learning.

State of the art VoIP products like Zoom and Skype have improved AEC capability, so the Voice Tracker III doesn't need its own AEC and consequently fills the need for an affordable yet high performance conferencing array microphone. Priced at \$470, the Voice Tracker III costs much less than competitive array mics, making it practical for multiroom installations.

We opted to make the **Voice Tracker III** simple and easy to use. Just connect it to a wall power source and your computer thru a 3.5mm or USB connection and you are done. No multiple beam set up is required. The single "Listening Beam" automatically and electronically steers to the active talker. It is truly plug and play. The decision not to add peripherals such as a camera or loudspeaker in our design enables the user to be free to choose best in class products, or to take advantage of existing equipment.





Voice Tracker I		Voice Tracker II		Voice Tracker III	
<b>\$279</b>		<b>\$360</b>		<b>\$470</b>	
Nominal Range for meeting recording or voice control	30 ft	Nominal Range for meeting recording or voice control	25 ft	Nominal Range for meeting recording or voice control	35 ft
Nominal range for high accuracy full vocabulary ASP	3-4 feet	Nominal range for high accuracy full vocabulary ASP	3-4 feet	Nominal range for high accuracy full vocabulary ASP	4-5 feet
Frequency Response 200Hz -7,000 Hz	+/- 6.0 dB	Frequency Response 200Hz -7,000 Hz	+/- 6.5 dB	Frequency Response 200Hz -7,000 Hz	+/- 2.6 dB
Number of mic elements	8	Number of mic elements	6	Number of mic elements	8
Audio output connection	3.5mm mic level Stereo USB adapters available	Audio output connection	3.5mm mic level Mic level stereo	Audio output connection	3.5mm mic level Stereo USB adapters available
Built in AEC	No	Built in AEC	Yes	Built in AEC	No
Mute button	No	Mute button	Yes	Mute button	No
Dimensions	18" X 4.5" X 1.5"	Dimensions	11.5" X 1.5" X 1.25"	Dimensions	22" X 3.25" X 1.5" Measured without feet
Power requirements	6V DC wall supply Included	Power requirements	Powered by USB	Power requirements	6V DC wall supply Included
Ceiling and wall mount	Built in	Ceiling and wall mount	Ceiling mount included	Ceiling and wall mount	Included

**Comments:**

- Zoom and Skype have adequate AEC for VT I and VT III
- The Voice Tracker II's fast convergence and strong double talk suppression give it a robust acoustic echo cancellation performance.
- Analog outputs can be easily combined for greater coverage using a 3.5mm Y or mixer
- The Voice Tracker II's small size the fact that it can be powered from a laptop make it ideal for portable applications.

