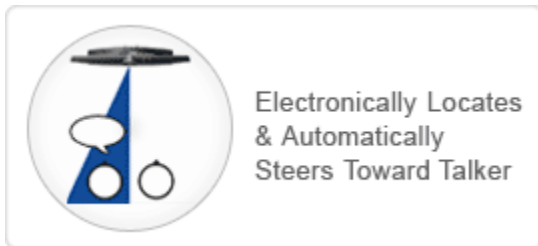


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[AcousticMagic](#): Maker of the Voice Tracker Array Microphone. Call Us at 978-440-9384

# The Voice Tracker™ Array Microphone



Unlike first generation array microphones which have a fixed "listen" direction, the Acoustic Magic **Voice Tracker™ Array Microphone** automatically locates and electronically steers toward the talker.

## Freedom of Movement

For [speech recognition applications](#), it is no longer necessary to sit rigidly in front of the microphone. The user is free to lean backwards, sideways, or even move around.

For [teleconferencing applications](#), several talkers can take part since the **Voice Tracker™ Array Microphone** rapidly steers to the individual participants.

## Headset-Like Performance

The **Voice Tracker™ Array Microphone** improves signal-to-noise ratios in two ways. First, its digital signal processor creates a listening beam (like a searchlight) that **focuses on the talker and spatially filters noise from other directions**. Second, its proprietary noise reduction algorithms **filter out background noise and reverberations** that are present in the acoustic environment.

## Works at Long Range

The **Voice Tracker™ Array Microphone** contains the largest number of array elements available today, which, when combined with its two stage noise reduction algorithms, give it the **longest effective range of any array microphone**.

## Easy to Use

Our patented steering technology employs digital electronics and proprietary embedded algorithms. There are no moving parts, so the **Voice Tracker™ Array Microphone** is rugged, reliable, and easy to use. Simply plug it into your computer's sound card and a wall outlet. **No software needs to be loaded**, and there is no drain on your computer's processing capacity.

## Suppresses Interfering Sounds

The **Voice Tracker™ Array Microphone** is also the only array microphone to employ **Location Dependent Squelch (LDS™, Patent Pending)** which de-sensitizes the microphone to sounds coming from pre-selected directions. Consequently, the array can reduce unwanted sounds coming from directions outside its field of view.



Microphone

Voice Tracker™ Array

## Voice Tracker™ Specifications

- **Analog Output:** (6ft male/male audio cable included)  
Mic level  
3.5mm ministereos jack  
Same signal on tip & ring  
500 ohm output impedance
- **Frequency Response:**  
100Hz to 11,250 Hz
- **Physical Dimensions:**  
Length: 18"  
Height: 2.5"  
Weight: 2.5lbs
- **Power Equipment:** (wall-powered converter included)  
6V DC  
400 ma  
Center Pin Positive

## Voice Tracker™ Features

- Automatic electronic steering of "listening beam" to talker location
- Selectable steering limits (90 degrees and 180 degrees) for speech recognition and teleconferencing modes
- Selectable LDS™ to reduce annoying interference of additional talkers during speech recognition or feedback during teleconferencing
- Two stage noise reduction (spatial filtering and noise reduction processing)
- 8 element, 18 inch long array for maximum range
- 5 element "in range" light to indicate location of chosen talker and sufficiency of signal
- Microphone tilt capability to facilitate desktop, monitor top, ceiling, or wall mounting
- Weight: 2 pounds
- Power: converter from 120V AC to 6V DC included
- Compatible with a variety of operating systems including:
  - Apple/Macintosh
    - Mac OS

- Mac OS X
- Microsoft
  - Windows 3.x
  - Windows 95
  - Windows 98
  - Windows NT
  - Windows 2000
  - Windows ME
  - Windows XP
  - Windows Vista

## **Next Generation Technology**

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