



## Voice Tracker (Version 2) User Guide

### Noise Reducing Microphone for Meeting Recording

**The Acoustic Magic Voice Tracker is a unique microphone that makes it possible to record meetings in larger rooms with high levels of background noise.**

The Voice Tracker microphone system is designed to reduce noise using advanced digital signal processing technology. This makes it possible to capture recordings of larger meetings with greater accuracy than with conventional microphones. The design uses “array microphone” technology, a method for combining a set of 8 microphones to automatically “point” towards each person speaking in the room. The digital signal processing computer built into the unit instantly switches the direction that it points, in response to who is speaking at any given time. This helps to reduce background noise and room resonance. In addition to pointing, the Voice Tracker uses digital signal noise reduction processes, further enhancing the intelligibility of speech by reducing background noises such as paper shuffling, air conditioner noise and traffic noise. The Voice Tracker microphone connects to the microphone input of the computer through the included cable.

#### Components Included

- Voice Tracker Microphone
- HumX Power Conditioner
- 6’ audio extension cord
- Power Adapter

#### Benefits

- Hear voices more clearly
- Coverage for larger conference rooms
- Accurate reproduction of speech under noisy conditions

#### System Requirements

- Windows XP or Vista
- Laptop or desktop computer
- SoniClear recording software

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# Directions for Use

## Microphone Placement

The Voice Tracker microphone can pick up people speaking up to 20 feet away in a noisy room, and even further in a quiet setting. Locate the Voice Tracker unit in the room close enough to the meeting participants for reliable capture of their voices. The unit must also be able to reach the power source and connect to the computer running the SoniClear software for recording. The included power adapter plugs into standard 110 volt power outlets. Contact SoniClear technical support for information about how to connect the Voice Tracker at distances greater than allowed by the supplied cables.

## Microphone Switch Settings

There are two switches on the top of the Voice Tracker unit. The “LDS” switch is designed for recording dictation and must always be set to OFF. When LDS is on, voices in the meeting recording will be cut off, with long periods of complete silence. When this happens the audio in the silent sections cannot be restored. The second switch on the unit is a Wide and Narrow setting. This switch should be set to Wide to ensure picking up from the entire room. It is recommended that you tape these switches in the correct position to avoid their being set to the wrong position accidentally.

## Connecting to the Computer

The Voice Tracker includes an audio cable (approximately 6 feet long with 3.5mm stereo mini plugs on both ends). One end connects to the back of the Voice Tracker. The other end connects to the microphone input on the computer.

## Connecting HumX Power Conditioner

Install the included HumX power conditioner between the power cord for the computer and the wall outlet. It is important to use this device as it prevents the possibility of “ground loop” hum being picked up by the computer when connected to the Voice Tracker.

## Technical Support

The most common problem using the Voice Tracker is to have recordings where voices get cut off. This occurs when the LDS switch is inadvertently set to ON. See “Microphone Switch Settings” above for instructions on how to prevent this problem.

Another occasional problem is loud hum in the recording. This is caused by “ground loop” noise being picked up by the computer. The HumX power conditioner must be connected between the computer and the wall outlet to prevent this problem.

The Voice Tracker is delicate and can easily be damaged from rough handling. When travelling, pack the unit in the original box, or in a suitably padded case.

View the SoniClear Support Page at [www.soniclear.com](http://www.soniclear.com) for additional technical support and support contact information.