

# AUDIO DOME TRACKER

## NEW Audio Dome Tracker Hears exactly what you're looking at!

A virtual microphone points in the same direction as the camera, even when you move it. So you receive sound from where the camera points!

### APPLICATIONS INCLUDE:

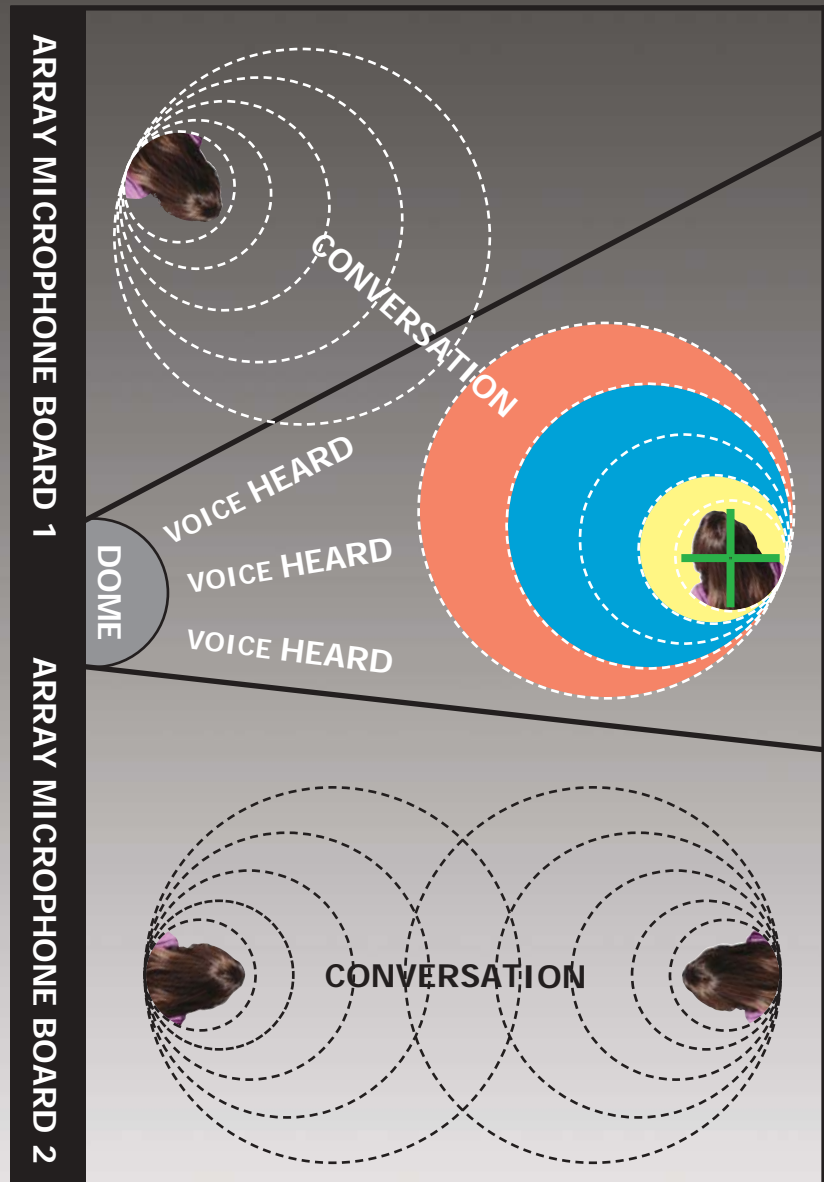
- Interview suites
- Specific audio surveillance
- Interviews where the interviewee is free to move around a room

### HOW IT WORKS:

- Our advanced DSP will pick up sound in whatever direction the camera is pointing, rejecting most interfering background noise, allowing you to really hear what is being said
- The closer the zoom on the person(s) being monitored, the more amplified the sound will be, allowing for specific people to be monitored more closely



BRITISH MADE



**Tecton**

Tecton Limited, Fishers Pond, Eastleigh, Hampshire, SO50 7HG

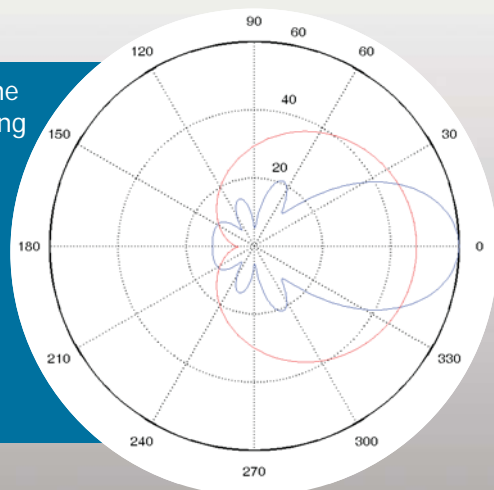
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# AUDIO DOME TRACKER

## BENEFITS OF THE SYSTEM:

- Directional rejection of sound from ambient sources
- Automated steering using a dome camera
- Amplification of targeted sound with zoom
- Increased sensitivity
- Cancellation of echo to enhance recordings

Imagine you are stood in the middle of this diagram talking towards the 0° point. The sound you project is picked up by the NEW Tecton Array system within the blue line compared with a conventional microphone system (red line), giving a more specific audio recording.



## CONFIGURATION SOFTWARE FOR ARRAY MICROPHONES:

- The array configuration software is used to tell the hardware the physical configuration of the microphones
- The array microphones can be set up in 10 formations, either in linear as pictured overleaf, or as an L-shape for use in the corner of a room or corridor. This can be configured using the software in order for the processor to know where sound will be being omitted from

## DATA:

Keyboard to array (9 pin connector nearest power connector)

Keyboard Pin	Array Pin
4	4 (Data -)
12	9 (Data +)
13	5 (GND)

For setup the 9 pin dome is also used for communicating with a PC

Array Pin	PC Pin
2 (TXD)	2
3 (RXD)	3
5 (GND)	5

Array to dome (9 pin connector nearest mini XLR sockets)

Array Pin	Dome Pin
4 (Data -)	2
5 (GND)	24
9 (Data +)	3

## AUDIO:

XLR Pin	Description
1	GND
2	Signal +
3	Signal -
4	N/C

A female 4 pin mini XLR lead is used to connect the Array to a BalunRX box. This allows the Array to be placed a long distance away from the recording equipment without degrading the audio quality.

## MORE PRODUCTS FROM TECTON...



BRITISH MADE



The AUDIO DARLEX - Record up to 20 video and 14 audio inputs simultaneously



Tecton standard camera control keyboard

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