

# SpatCube 88

distance values : sets the intensity of the sound on each speaker, according to the distance between the sound and the speaker.  
 At half value this distance is equal to the size of the room (distance between the front speakers or the front and rear).  
 At max value, the sound is at full volume on every speaker (no movement).  
 At min value, the intensity will fall to zero when at mid distance.

The interface displays a 3D grid representing a room. Eight speakers are positioned at the corners of the room. A central control panel shows a grid of 8x8 distance values, all currently set to 0.50. A red circle highlights the value 0.50 in the center of the grid. A 'Distances' button is located in the top right corner. A 'G Dist.' button is in the bottom right corner. A 'Z input' panel in the bottom left corner has a blue dot next to 'Z-rotation' and a red dot next to 'Inertia'. A joystick icon is also present in the 'Z input' panel. A 'show / hide each channel' button is on the left side, with a red line pointing to it. A 'show / hide the distance values' button is on the right side, with a red line pointing to it. A 'smoothing value' button is at the bottom left, with a red line pointing to it. A '3D position of each channel' button is at the bottom center, with a red line pointing to it. A 'Global Distance Zone' button is at the bottom right, with a red line pointing to it.

show / hide each channel

show / hide the distance values

select the input for the Z axis control :  
 the rotary handle (joystick 3D) or the level (standard 2D joystick)

smoothing value, for regular slow motions

3D position of each channel, they are moved by the 3 axis connected joystick while a button (1 to 8) is pressed

Global Distance Zone : modify the intensity values for all the speakers, by adding or substrating its value to the separate settings

	1	2	3	4	5	6	7	8
1	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
2	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
3	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
4	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
5	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
6	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
7	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
8	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50