

HANIWA

# REAL 3D AUDIO

A Copernican Revolution

Long believed audiophile  
common sense is turned over.

**Small speakers can emit  
IMPACTFUL low sound  
better than the big speakers.**



HSP1C04  
4" Cube Speaker



Our new technology makes small speakers output  
the REALISTIC sound of ALL musical instruments,  
from high piccolo to low contra bass.

It also positions every musical instruments accurately  
in the true 3D space, because the small full range speaker has  
the sharper focus of sound than the bigger ones.



HDCA01  
Digital Control Amp

KUBOTEK

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**“The low bass reproduction is possible with larger speakers” and “bass enhancement is possible by utilizing resonance”.** These are the blind belief of audiophiles, who also have to admit the dull articulation of bass sound coming out from these gigantic speakers.

There is another common sense telling “the smaller speakers can express the delicacy of music, but miss the strong bass sound”.

Haniwa found a way to drive small speakers to emit low sound having flat frequency response of amplitude and phase shift, from 20 to 30Hz. This realizes the deep bass sound without having delay, for the first time in the history of audio. The small size of speaker makes it possible to control it without unnecessary distortions, and the wave form of the output sound gets very close to the input signal wave form.

This discovery of Haniwa technique brings a Copernican Revolution of speaker design. “Speaker is smaller the better, for the reproduction of full range of musical bandwidth”.



**KUBOTEK**

<http://www.haniwaaudio.com>

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For the Haniwa theory and other details, please visit <http://www.haniwaaudio.com>.