

vocoder



[voder.jpg](#) [1]



[voder_diag.gif](#) [2]

Az emberi beszéd mesterséges előállítására szolgáló számítástechnikai rendszer a beszédsszintetizátor, a vocoder.

[Mi az a beszédsszintetizátor?](#) [3]

The Vocoder (Voice Operated reCoRDER) developed by Homer Dudley, a research physicist at Bell Laboratories, New Jersey USA, was a composite device consisting of an analyser and an artificial voice. The analyser detected energy levels of successive sound samples measured over the entire audio frequency spectrum via a series of narrow band filters. The results of which could be viewed graphically as functions of frequency against time.

*"At the 1939 World's Fair a machine called a Voder was shown . A girl stroked its keys and it emitted recognisable speech. No human vocal cords entered into the procedure at any point; the keys simply combined some electronically produced vibrations and passed these on to a loud-speaker."
("As We May Think" by Vannevar Bush, 1945.)*

[The Vocoder: From Speech-Scrambling To Robot Rock▶](#) [4]

[Vox Ex Machina](#) [5]

Forrás webcím: <https://www.zenci.hu/szocikk/vocoder>

Hivatkozások:

[1] <https://www.zenci.hu/sites/www.zenci.hu/files/kep/09/voder.jpg>

[2] https://www.zenci.hu/sites/www.zenci.hu/files/kep/09/voder_diag.gif

[3]

<https://sites.google.com/site/fsjaws/menu/informaciok/JAWS/mi-is-a-jaws/mi-az-a-beszedszintetizator>

[4] <http://www.npr.org/templates/story/story.php?storyId=126781688>

[5] <http://99percentinvisible.org/episode/vox-ex-machina/>