



## ***NXT RECOMMENDS MaxxBass®***

*Flat Panel Loudspeaker Leader Determines that Waves Bass Enhancement Solution Complements NXT SurfaceSound™ Loudspeakers*

**DENVER, COLORADO**

**NATIONAL SYSTEM CONTRACTORS ASSOCIATION**

**APRIL 25, 2002**

WAVES LTD., a leading supplier of psycho-acoustic audio signal processing solutions for the professional, broadcast and consumer electronics audio markets, has announced today that British-based flat panel loudspeaker technology company, NXT (LSE: NTX) has evaluated Waves MaxxBass® technology and has found it complementary to the NXT SurfaceSound technology currently licensed to over 230 customers. Waves MaxxBass extends the bass frequency range of any loudspeaker system using its patented psycho-acoustic technology.

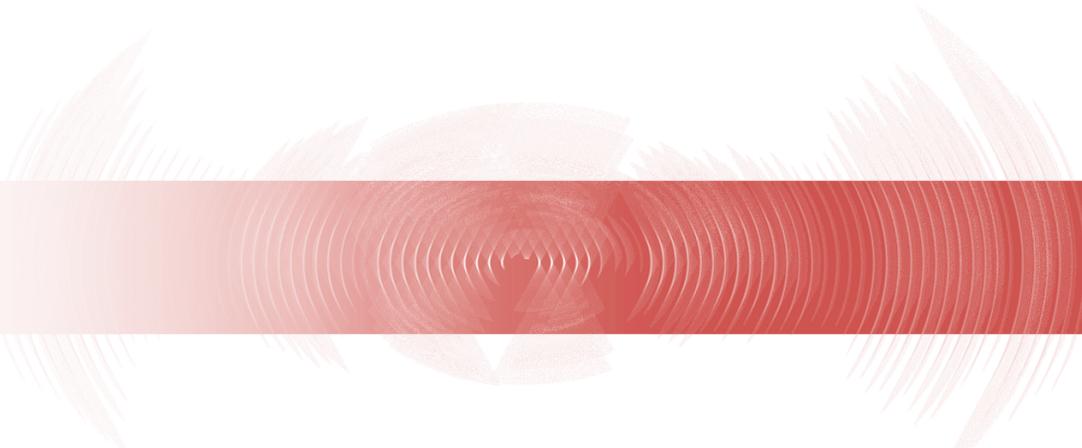
“After testing the MX3000AS MaxxBass ASIC with various SurfaceSound loudspeakers, NXT has found MaxxBass can help improve the perceived bass extension of these products, without adding any objectionable distortion or noise,” stated Andrew Williams, NXT’s Marketing Director. “MaxxBass can be utilized in SurfaceSound speakers systems both with and without subwoofer systems. The MaxxBass psycho-acoustic bass extension technology offers our licensees an innovative and cost-effective method to deepen bass response and in some applications MaxxBass can eliminate the need for a separate woofer.”

“Waves is excited to work with technology leader NXT to further improve the audio quality of their customers’ flat panel speakers,” stated Gilad Keren, Waves President and CEO. “NXT SurfaceSound flat panel loudspeakers provide many acoustic benefits including new freedom of product design, elimination of ‘sweet spots’ through wide dispersion, and single driver speakers with flat frequency response from 200 Hz to 20kHz in small multimedia speakers. Adding MaxxBass can lower the perceived frequency response to about 75 Hz.”

Waves is the leader in computer based audio signal processing tools in the professional market, and its tools such as limiters, equalizers, compressors and effect processors are used on practically every top album and movie soundtrack. Ten years of leadership experience with this very quality conscious market has allowed Waves to develop a rich expertise to psycho-acoustics, including the patented MaxxBass technology. MaxxBass is a bass frequency extension technology that extends the perceived low frequency response by up to one and one half octaves below the physical low frequency cut off of a loudspeaker system. MaxxBass utilizes the psycho-acoustic Phenomenon of the Missing Fundamental. The MaxxBass software “plug-in” tool is commonly used today in mastering much of the world’s most popular music to improve mix compatibility on smaller loudspeaker systems; however using MaxxBass in loudspeaker systems is even more powerful, since

306 West Depot Road  
ste 100, Knoxville, TN 37917  
1-865-546-6115 voice  
1-865-546-8445 fax  
<http://www.waves.com>  
[waves@waves.com](mailto:waves@waves.com)

PressContact: Neilson/Clyne  
1-615-662-1616 voice  
1-615-662-1636 fax  
[rclyne@neilsonclyne.com](mailto:rclyne@neilsonclyne.com)  
[www.neilsonclyne.com](http://www.neilsonclyne.com)



it can be optimized to extend the bass response of the specific loudspeaker system.

Waves recently introduced the MX3000AS, a low cost ASIC (Application Specific Integrated Circuit) for MaxxBass making this technology cost-effective for consumer electronic products. This ASIC integrates high quality analog, sigma delta A/D/A and a custom DSP into a 16-pin SOIC package. Free downloadable demonstration programs, datasheets and other technical information is available at [www.maxx.com](http://www.maxx.com).

### **About NXT**

NXT's business is the invention, patenting, licensing and marketing of enabling technologies in sound and speech. NXT is setting a new world-standard in loudspeakers. It offers a superior alternative to existing technologies across most sectors while creating new opportunities where conventional technology has been unable to deliver. NXT has developed industry-specific expertise and it focused on helping its licensees get product to the market efficiently and cost effectively.

NXT now has over 230 Licensees for its patented SurfaceSound™ flat panel loudspeaker technology. Licensees include Acer Computer, Armstrong, DaimlerChrysler, Ericsson, Fiat R&D North America, General Motors, LG Electronics, Matsushita Communication Industrial, NEC, Philips, Siemens, TDK and Visteon. The company, which is fully listed on the London Stock Exchange (symbol NTX), has Technology Centers in Cambridge and Malvern and operations in London, Tokyo, Hong Kong, California, Detroit, and Stuttgart. For more information please refer to [www.nxtsound.com](http://www.nxtsound.com).

### **About Waves Ltd.**

Waves is a leading provider of audio DSP solutions for professional, broadcast, and consumer electronics audio markets. Waves has ten years of expertise in the development of psycho-acoustic signal processing algorithms that leverage knowledge on the human perception of hearing to radically improve perceived sound quality. Waves award-winning processors are utilized to improve sound quality in the creation of the world's most popular music, movie sound tracks and multimedia titles. Waves offers computer software solutions and hardware plus software solutions for the professional and broadcast markets. Waves also offers semiconductor with embedded software solutions under the Maxx brand for the consumer electronics audio applications. Waves' Maxx technology dramatically enhances audio performance in consumer applications and has been licensed to several leading companies, including Motorola and Microsoft. For more information, visit Waves Web site at <http://www.waves.com>.

#### **READER CONTACT INFORMATION**

##### **North America Offices**

*Waves, Inc., 306 West Depot  
Avenue, Suite 100  
Knoxville, TN, 37917  
Tel: 865-546-6115  
Fax: 865-546-8445  
Info@waves.com  
<http://www.waves.com>*

##### **Corporate Headquarters Israel:**

*Waves, Ltd., Azrieli Center  
The Round Tower, 21st Floor  
Tel-Aviv 67011, Israel  
Tel: 972-3-6081648  
Fax: 972-3-6081656  
Info@waves.com  
<http://www.waves.com>*

##### **Waves Public Relations:**

*Neilson/Clyne, Inc.  
169-B Belle Forest Circle  
Nashville, TN 37221  
Tel: 615-662-1616  
Fax: 615-662-1636  
Email: [rclyne@neilsonclyne.com](mailto:rclyne@neilsonclyne.com)  
Web: <http://www.neilsonclyne.com>*