



Noise Makers



Noise Breaker

Will the use of a keyboard or headset inhibit the acceptance of your new application or products? Look no further for the solution to a more natural speech interface.

Andrea Electronics' new high performance USB microphone array technology is made possible by proprietary Digital Super Directional Array (DSDA™) software running under the Windows® 98 operating system. Multiple streams of audio are captured by an array of microphones located in a small desktop device, then paired and summed into two channels of an isochronous USB audio stream, and passed to the host Pentium for DSDA processing.









The DSDA algorithm forms a narrow, adaptive acoustic beam that preserves the integrity of the speaker's voice while aggressively canceling background noise. This translates into a truly natural and comfortable user experience without the need to wear a headset, hold a handset, or talk closely and unnaturally into a stick microphone.

Andrea's USB Array with DSDA technology is enabling speech recognition to advance to a new level of convenience, providing the next generation interface for home and office. Just imagine navigating the web, conferencing with a colleague, or dictating a sales order into your database while easing back in your chair. Andrea's USB Array is currently available for speech-centric applications running Windows® 98 Second Edition and will be compatible with Windows® 2000 when it becomes available. Pentium II class machines or greater and USB capability are required.

In addition to DSDA, Andrea offers a portfolio of audio enhancing software based on digital signal processing technologies including PureAudio™, SuperBeam™, DFTA™, and EchoSTOP™ algorithms that can enhance your applications and broaden acceptance of your products! Each of these technologies can be customized for your applications now.

Andrea Electronics
Dedicated To the Freedom of Voice
in the Home of the Future.....Office of the Future.....and Car of the Future

Expand your development opportunities with Andrea's Digital Audio Technologies

MARKET	APPLICATION	PRODUCT/TECHNOLOGY
DESKTOP 	<ul style="list-style-type: none"> - IP Telephony - Command & Control - Continuous Dictation - Voice Verification - Speakerphone/Videoconferencing 	USB DSDA SuperBeam PureAudio EchoSTOP
SET-TOP BOX 	<ul style="list-style-type: none"> - WebTV - Videoconferencing - Command & Control - Voice Chat 	DSDA SuperBeam PureAudio EchoSTOP
HOME AUTOMATION 	<ul style="list-style-type: none"> - WebTV - IP Telephony - Voice Chat - Appliance Command & Control 	USB DSDA SuperBeam PureAudio EchoSTOP
PDA 	<ul style="list-style-type: none"> - Command & Control - Telephony 	Low Power DSDA PureAudio
KIOSK/ATM 	<ul style="list-style-type: none"> - Voice Verification - Command & Control - Voice Communication 	DSDA PureAudio SuperBeam
AUTOMOTIVE 	<ul style="list-style-type: none"> - AutoPC - Cellular: Voice-Dialing - Hands Free Carphone Kits - Mobile Multimedia Platform 	AutoArray DA300 PureAudio SuperBeam EchoSTOP 
TELE/VIDEO CONFERENCING 	<ul style="list-style-type: none"> - Multipoint Conferencing 	DFTA SuperBeam EchoSTOP



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