

UniGuard®
RFI-SHIELDING
TECHNOLOGY



**SHELTER FROM
THE STORM**

**UNSURPASSED
RFI PROTECTION**

 **audio-technica®**
always listening™

UniGuard®

13 patents that combine to offer safe haven from RFI

Maybe you hear RFI as a buzz. Or a crackle. Or even an uninvited voice from a nearby radio station. With the proliferation of cell phones, computers and other technology, the annoyance of Radio Frequency Interference in sound systems is more of a problem than ever before.

Audio-Technica has developed a design innovation – UniGuard® – that protects the new UniPoint® and Engineered Sound® microphones from interference. With UniGuard, it's as if there's an invisible shield guarding the microphones, creating a safe haven from RFI.

UniGuard comprises 13 individual Audio-Technica patents, a total system for RFI protection that impacts every aspect of the design and production of A-T's Engineered Sound and UniPoint lines of installed-sound miniature condenser microphones.

Each UniGuard microphone is a completely shielded enclosure, offering paint-free connection points as well as custom RFI-shielding and filtering on all input and output connectors. Audio-Technica has also improved each microphone's shield termination to solve the pin 1 problem, a common cause of RF interference in condenser microphones.

For added flexibility, Audio-Technica has developed a dedicated crimp tool and special RFI shields for connectors that enable contractors to shorten the cables and correctly reinstall connectors while maintaining the highest level of RFI immunity.

UniGuard®... shelter from the RF storm.

About RFI

RFI sources run the gamut from cell phones and other wireless communication devices to AM, FM and television broadcasts, and radiated noise from lighting. Wireless communication devices are special culprits because they are typically used in close proximity to condenser microphones in installed-sound settings, and they operate on very short wavelengths that are particularly challenging to filter and shield.

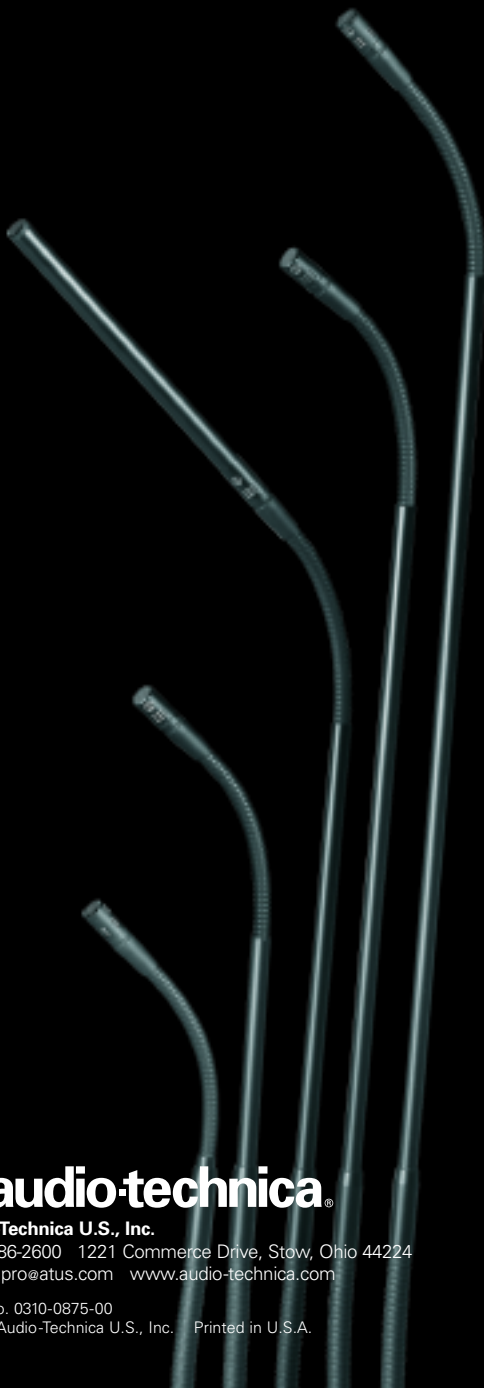


engineeredsound®



unipoint

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Form No. 0310-0875-00

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