

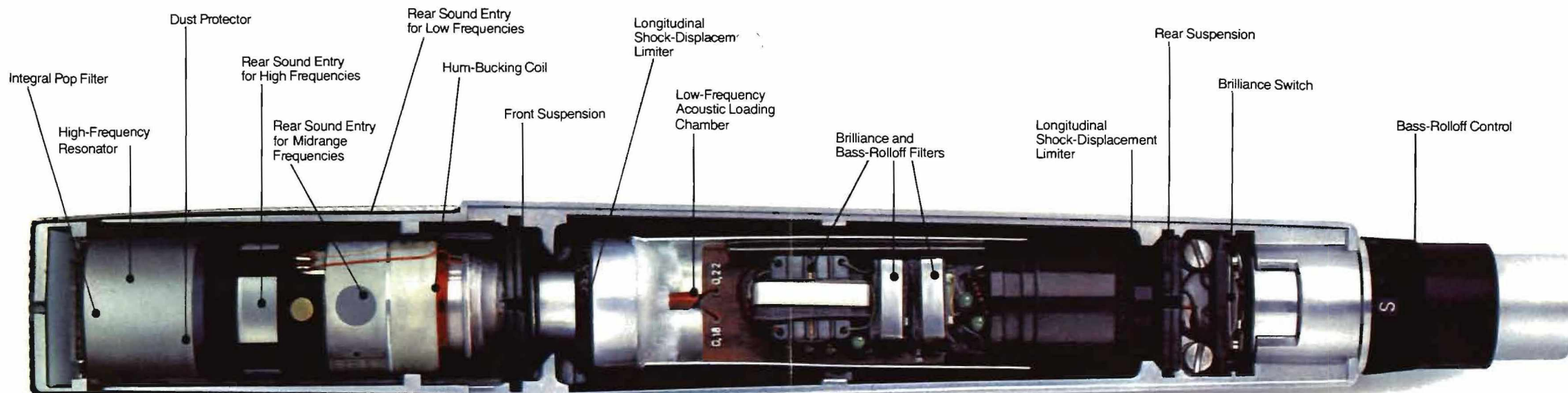
SENNHEISER

A black and white photograph of a woman singing into a Sennheiser MD 441 microphone. The woman is shown in profile, facing right, with her mouth open as if singing. She has dark hair and is wearing a small earring. The microphone is held in her right hand, positioned close to her mouth. The background is dark, making the woman and the microphone stand out.

MD 441

SUPERCARDIOID
DYNAMIC MICROPHONE
Studio Accuracy.

Onstage Ruggedness.
Superb Performance with
Vocals and Instrumentals.



MD 441: A DYNAMIC MICROPHONE WITH 'CONDENSER' PERFORMANCE!

Our design goal was ambitious: a microphone that could offer studio-quality sound in a wide variety of applications and environments. In short, a microphone to please performers and engineers alike.

The result: The MD 441. Without a doubt, the best dynamic microphone Sennheiser has ever made. So good, it actually outperforms many condenser microphones on the market today. With remarkably smooth, wide frequency response extending from 40 to 20,000 Hz. Tight, frequency-independent supercardioid pattern. Extremely low sensitivity to handling noise. Plus the kind of durability that's absolutely essential in day-to-day professional use.

As a result the MD 441 has rapidly become the studio-standard dynamic microphone for applications ranging from instrumental to vocal to speech—wherever reproduction of the highest quality is demanded.

STUDIO QUIET IN THE PERFORMER'S HAND.

Supercardioid directionality has always been an extremely desirable microphone characteristic for performers. But supercardioid microphones traditionally have another characteris-

tic that is extremely undesirable: mechanical noise so severe, many can't even be hand held.

In the MD 441, the problem of mechanical noise has been solved with a double housing. The inner housing, containing the microphone element, is isolated from the outer housing by means of a highly compliant, damped spring suspension that shields it from mechanically-conducted noise. Allowing a most unusual metamorphosis: from a superb instrumental microphone to a hand-held, live-performance vocal microphone.

For optimum close mic'ing, the MD 441 also features an integral grille/windscreen and internal pop filter. Together, these control breath blasts and wind noise in almost any application. Bringing studio quiet—and accuracy—into the performer's hand.

DEPTH, PRESENCE... AND ABSENCE.

To make the MD 441 even more practical and flexible, we added two more features that combine to create a unique switchable equalization network. A brilliance switch offers a 5 dB boost at 5 kHz, without affecting overall level. And a second, independent

equalizer switch makes possible a five-step attenuation of bass to selectively enhance vocals and instrumentals, while preventing over-emphasis of low frequencies.

There's also something you won't hear with the MD 441: In tests subjecting the MD 441 to sound pressure levels greatly exceeding the human pain threshold, there was an absolute absence of microphone clipping. Even in conditions so extreme, the preamplifier overloaded. So you can feel secure in placing it close to the hottest horn... or "feeding" it to the most explosive vocalist!

THE PROFESSIONAL'S PROFESSIONAL MICROPHONE.

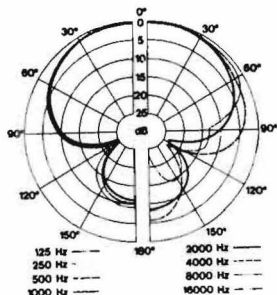
The MD 441 is designed for a wide variety of professional applications, including live performances, sound reinforcement, recording studios, film and broadcasting. Human-engineered with satin-chrome finish and non-slip, leatherlike grip surfaces—and acoustically engineered for superb technical performance—the MD 441 is a precision instrument that will delight any professional. Performers and engineers alike.



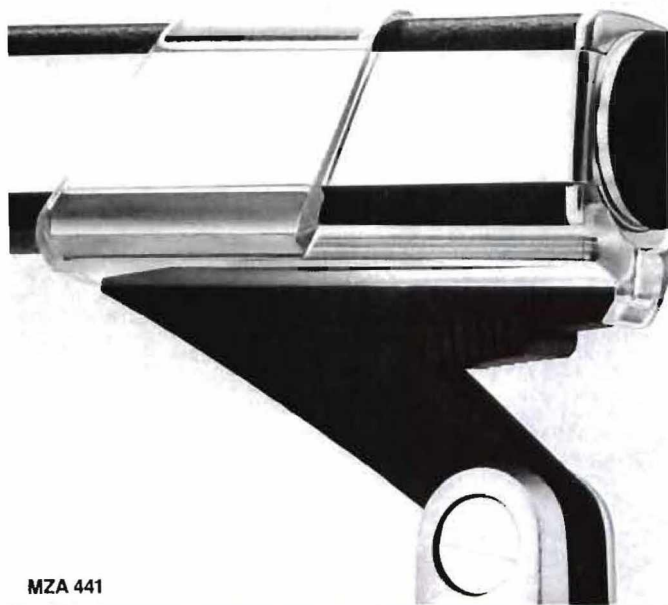
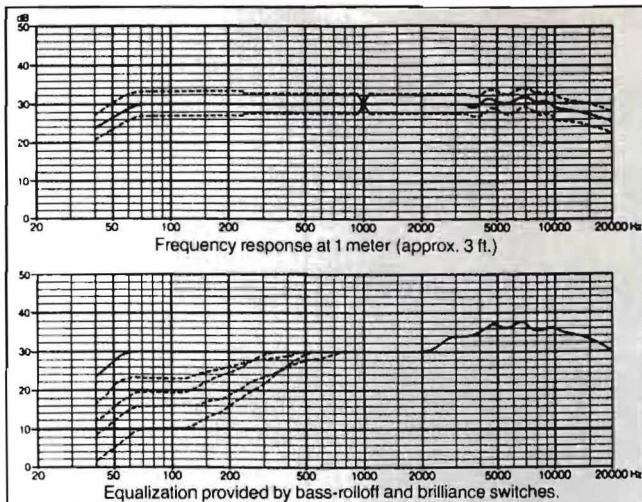
SPECIFICATIONS

Frequency Response	40-20,000 Hz
Acoustic Mode of Operation	pressure gradient
Directional Characteristic	supercardioid
Sensitivity (1 kHz)	2mV/Pa* (-53 dBm), ±3 dB
Impedance (1 kHz)	200 ohms
Brilliance Switch	5 dB boost nominal (at 5 kHz)
Bass-Rolloff Switch	variable, five-position attenuation
Connector Connections	XLR-type 1—ground; 2,3—signal
Sensitivity to Magnetic Fields	≤5 μV/mG
Dimensions	33x36x270mm (approx. 1 1/4"x1 1/2"x10 3/4")
Weight	450 g (approx. 12 oz.)

*1 Pa (pascal) = 10 μb (microbar) = 10 dyne/cm² = 94 dB SPL



Each MD 441 is delivered with an individual frequency response curve.



MDA 441

INCLUDED ACCESSORIES MZA 441 Stand Adapter and Quick Release Clamp

A button-activated mechanical latch to lock microphone in place. Standard $\frac{5}{8}$ " thread.

MC 24 Cable

Fifteen-foot shielded cable with XLR-type female connector on one end and pigtails on the other. (not shown)

OPTIONAL ACCESSORIES Windscreen MZW 441

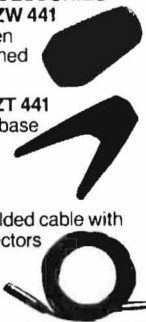
Foam windscreen especially designed for the MD 441.

Table Stand MZT 441

Heavy, die-cast base accepts the MZA 441.

MC 22 Cable

Fifteen-foot shielded cable with XLR-type connectors at both ends.



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