

AKG DX 11

A dynamic reverb
mic with built-in spring
reverberator

MICROPHONE NAME: AKG DX 11

FROM THE COLLECTION OF: Jan Paluchowski, Springfield, MA (originally from Warsaw, Poland)

PRICE (NEW): \$68 U.S., circa January 1969

TYPE OF MIC: Dynamic reverb microphone

POLAR PATTERN: Cardioid

FREQUENCY RESPONSE: 50 Hz to 18,000 Hz

MAXIMUM SPL FOR 3% DISTORTION: 114 dB or 100 microbars

IMPEDANCE: 200 ohms or 15,000 ohms (tolerance of 20%)

POWER REQUIREMENTS: 9 volts DC

SELF-NOISE: less than 22 dB (Filter 1954 DIN 45 405)

DIMENSIONS: 10-1/8 long x 2-1/16 wide x 1-5/16 thick (inches)

WEIGHT: 13.9 ounces

MIC NOTES: This AKG DX 11 dynamic reverb microphone holds the rare distinction of including a built-in spring reverberator. Reverb time could be continuously varied by the user from 0 to 2.5 seconds at 800 Hz (4 seconds maximum at 100 Hz). AKG provided a stand adapter (the SA 13) with the DX 11 because the mic was not designed to be handheld. In fact, movement of the microphone body caused mechanical vibration to the spring, resulting in an audible noise at the output. In spite of this limitation, the DX 11 could be seen in use by singers performing at clubs and cafes during the late 1960s and early 1970s. Output of the DX 11 could be converted from high-impedance unbalanced to low-impedance balanced by soldering an otherwise unused lead in the 5-conductor cable.

USER TIPS: Owner Jan Paluchowski states: I did not use the DX 11 in recording practice; the only testing I did was to plug it into my Nagra 4.2 and listen to it through headphones. The reverberation characteristic of this mic can be regulated, so I simply wanted to observe the sonic effect. Therefore, the only thing I can say is that I find it quite useful for reverb effects, added when recording a female voice on location, using a full-track, analog Nagra 4.2 loaded with QPSE (preamplifier for dynamic mics), running at 7.5 ips with Ampex tape.

EQ

