"556" Multi-Impedance Broadcast "Unidyne" Microphone
(Super-Cardioid Uni-directional Moving-Coil Dynamic)

General: Model 556 is a Super-Cardioid type uni-directional moving-coil dynamic microphone providing wide-range high quality reproduction of sound. The true unidirectional characteristic of the "Unidyne", obtained by the "uniphase" principle provides highly satisfactory operation under adverse acoustic conditions where a conventional microphone would be practically useless. (See "Acoustic Considerations").

The microphone has a New Acousto-Mechanical circuit containing a moving-coil element, which operating in conjunction with a high flux magnet provides high efficiency and smooth peak free response from 40 to 15,000 cycles. The rear response is down approximately 15 db due to the "uniphase" unidirectional acoustic network.

The new moving-coil unit is provided with a double wind-screen to permit quiet out-door operation. As a precaution against mechanical vibration pickup, the unit is spring-suspended inside the microphone case, which is in turn floated in live rubber in the stand connector.

The list of major entertainers who used or are still using Unidynes would probably fill two thick volumes. Just a smattering of name-dropping from the complete list includes Marlene Dietrich, Dean Martin, Jerry Lewis, Tony Bennett, Red Skelton, Axl Rose, Buddy Guy, and Tom Petty.