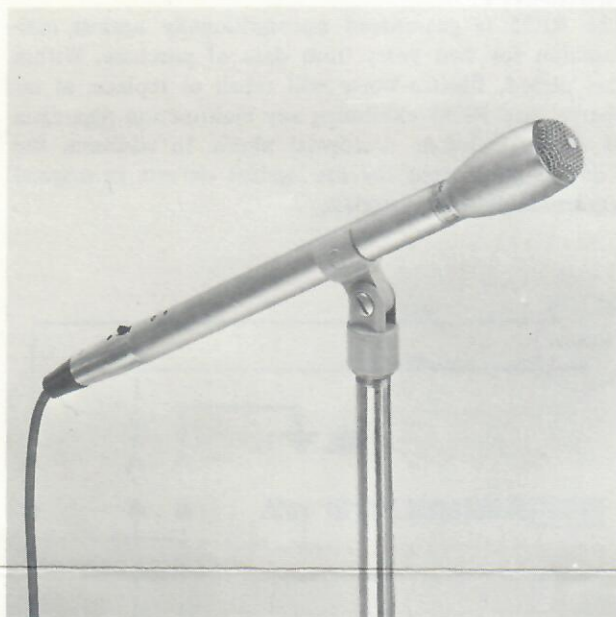




Test mic for Analyzer  
 SN 7707  
 PLU# 50116



### DESCRIPTION

The Electro-Voice Model RE55 is a dynamic omnidirectional microphone designed for the most demanding professional applications. Ideal for boom or stand mounting in recording and broadcast use, it is excellent also for close-up hand held use in stage and interview situations.

Smooth, wide range response, high output level, and low sensitivity to mechanical shock, combined with functional "easy to hold" styling, make the RE55 one of the most versatile professional microphones ever created. The non-reflecting, matte satin nickel finish eliminates hot spots for "on camera" use.

This microphone features the exclusive, non-metallic Electro-Voice Acoustalloy® diaphragm that assures very smooth frequency response and is impervious to damage from extremes of temperature and humidity.

### APPLICATIONS

The RE55, an omnidirectional microphone, is outstanding in those situations where uniform sensitivity in all directions is desirable.

1. Frequency response, flat and uniform across the entire usable range makes the RE55 a good choice for:
  - a. Symphony and other wide range recording situations where reverberation is not a problem.
  - b. Calibration for use as a secondary standard for acoustic measurements.
2. Small diameter (3/4-inch shank) makes the RE55 comfortable and convenient for hand held use by:
  - a. Vocalists, for stage and television work.
  - b. News reporters for interviews.

### SPECIFICATIONS

Generating Element:	Dynamic
Frequency Response:	40 to 20,000 Hz
Polar Pattern:	Omnidirectional
Impedance:	Lo-Z (150 ohms)
Output Level:	-55 db (0 db = 1 mw/10 dynes/cm <sup>2</sup> )
EIA Sensitivity:	-149 db
Diaphragm:	Electro-Voice Acoustalloy®
Case Material:	Steel
Dimensions:	10-1/2" long (overall) 1-7/32" major diameter (shank 3/4" diameter)
Finish:	Non-reflecting matte satin nickel
Net Weight:	8-1/2 ounces, without cable
Cable:	18', 2-conductor, shielded, rubber jacketed, broadcast type cable with Switchcraft A3F connector.
Cable Connector:	Mates with Switchcraft A3F
Accessories Furnished:	Model 310A clamp and protective metal carrying case
Optional Accessories:	Model 311A "snap out" clamp

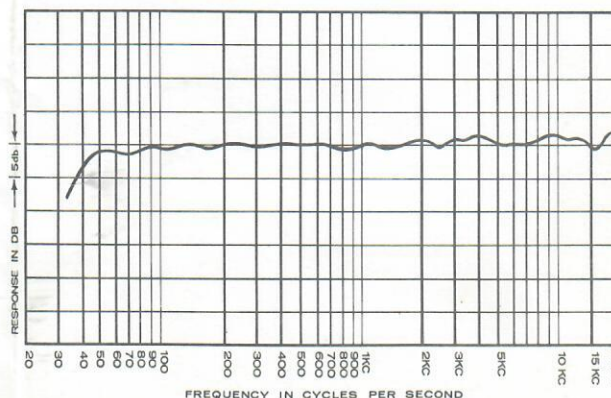


Figure 1 - Response Curve