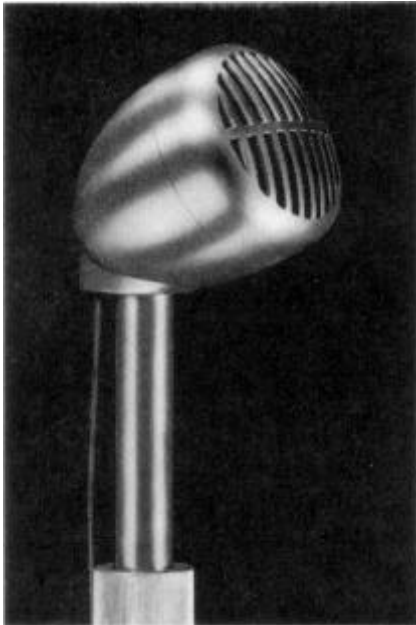


DATE: May 1939

SUBJECT: Models 5E, 5F, 5G,  
 Dynamic Microphones

NEW SHURE SERIES 5

MOVING-CONDUCTOR TYPE DYNAMIC MICROPHONES



GENERAL: Pressure-operated moving-conductor type dynamic microphones with typical semi-directional pickup. Smooth response due to specially designed moving system and associated acoustic network.

APPLICATIONS: For music and voice reproduction. Suitable for low cost P. A., call systems, amateur phone and similar applications. Rugged and immune to severe temperature and humidity conditions.

INSTALLATION: 5/8"-27 thread for standard desk and floor stand mounting.

CONNECTIONS: Internal high quality transformer included in all models. The output impedances and cables furnished are listed below:

Model	Impedance	Cable
5E-25FT	30-50 ohms	25 ft. two-conductor
5F-25FT	200-250 ohms	25 ft. two-conductor
5G-25FT	High Impedance	25 ft. single-conductor
5G	High Impedance	7 ft. single-conductor

Low impedance models 5E and 5F are recommended for use with long lines into standard low

impedance input amplifiers. Permissible cable length practically unlimited. For amplifiers with high impedance input, Shure Model A86A Cable-Type Transformer is available for coupling low impedance line to amplifier.

High impedance model 5G (5G-25FT.) can be used with any crystal microphone amplifier or other amplifier with input impedance of 100,000 ohms or more. Inner conductor of cable connects to grid side of input, "shield" to ground of amplifier. Cable lengths longer than 25 ft. accompanied by some loss of high frequency response.

SPECIFICATIONS

Dimensions: Diameter of case, 2-3/8".  
 Length overall, 2-7/8".

Finish: Satin Chrome

Weight: Net weight, 3/4 lb. (less cable).  
 Shipping weight, 1-1/4 lb.

Output Level:  
 Models 5E & 5F 67 db below 6 milliwatts into rated load for 10 bar signal at 400 cycles

Models 5G & 5G-25FT 63 db below 1 volt per bar across 100,000 ohms or more, at 400 cycles. (0.7 millivolts per bar).

Recommended Load Impedance :  
 Model 5E 35-50 ohms  
 Model 5F 200-250 ohms  
 Model 5G 100,000 ohms or more

PRECAUTIONS: No special precautions beyond ordinary care necessary. To retain full strength of permanent magnet and maintain alignment of structure, dropping or other severe mechanical shocks should be avoided. Care should be taken that the cable does not parallel A.C. power lines for long distances.

GUARANTEE: Each microphone is guaranteed to be free from electrical and mechanical defects for a period of one year from date of shipment from the factory, provided all instructions are complied with fully. In case of damage return microphone to factory for repairs. Our guarantee is voided if microphone case is opened. Shure patents pending.

Model	Impedance	Cable Length	Code	List Price
5G	High	7 ft.	RUDUD	\$21.00
5G-25FT	High	25 ft.	RUDUC	\$22.50
5E-25FT	35-50	25 ft.	RUDUR	\$22.50
5F-25FT	200-250	25 ft.	RUDUB	\$22.50