



**MODEL PE56D
UNISPHERE® I**

Slips out of swivel adapter,
easily and quickly,
for hand-held use.

Your selection of a Shure UNISPHERE® Cardioid Microphone will contribute significantly to the professional quality of your performance. This ball-type microphone has a wire-mesh screen with a special filter which provides protection from wind, blast and "pop" (explosive breath sounds). This feature allows you to work as close to the microphone as you wish, either indoors or out-of-doors.

Another feature of your unidirectional microphone is that it effectively controls feedback (that very annoying loudspeaker "squeal") because it picks up sound only from the front of the microphone. Unwanted audience noise or other noises occurring at the rear of the microphone are eliminated or suppressed. This allows you to work at significantly greater distances from your microphone than with non-directional (omnidirectional) microphones, without picking up objectionable background sound or feedback.

MODEL PE56D SPECIFICATIONS

Type: Dynamic, Cardioid (unidirectional)

Frequency Response: 50 to 15,000 Hz (see Figure 1)

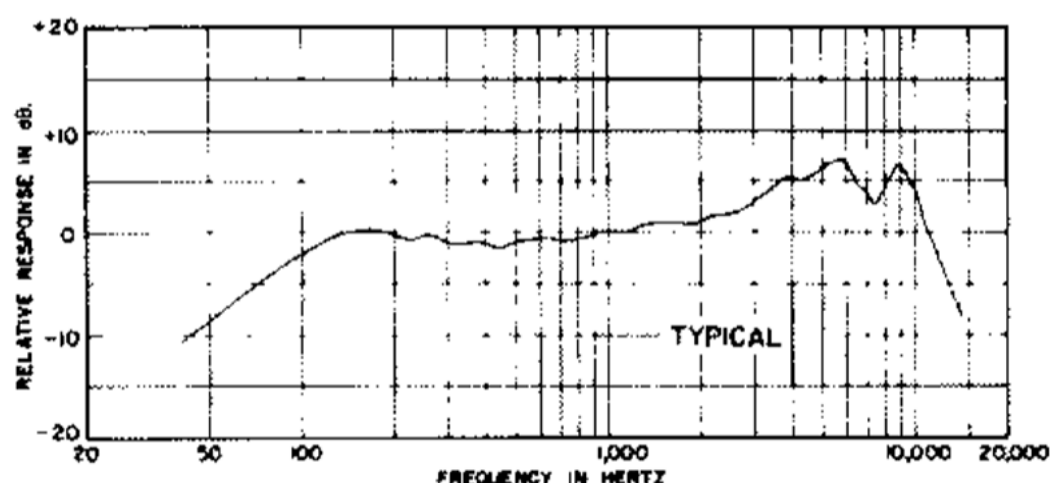


FIGURE 1

Impedance: Dual. High: Microphone impedance is "High" for connection to high-impedance microphone inputs.
 Low: Microphone rating impedance is 150 ohms (285 ohms actual) for connection to microphone inputs rated at 19 to 300 ohms.
 Wired for high impedance as supplied (see Page 4).

Output Level
 (at 1,000 Hz):

	IMPEDANCE	
	High	Low
Open Circuit Voltage*	-54 dB (1.99 mV)	-77 dB (.142 mV)
Power Level**		-57 dB

*0 dB = 1 volt per microbar

**0 dB = 1 milliwatt per 10 microbars

Phasing: High Impedance: Positive pressure on diaphragm produces positive voltage on Pin 1 (see Fig. 2 & p. 4)
 Low Impedance: Positive pressure on diaphragm produces positive voltage on Pin 2 (see Fig. 2 & p. 4)

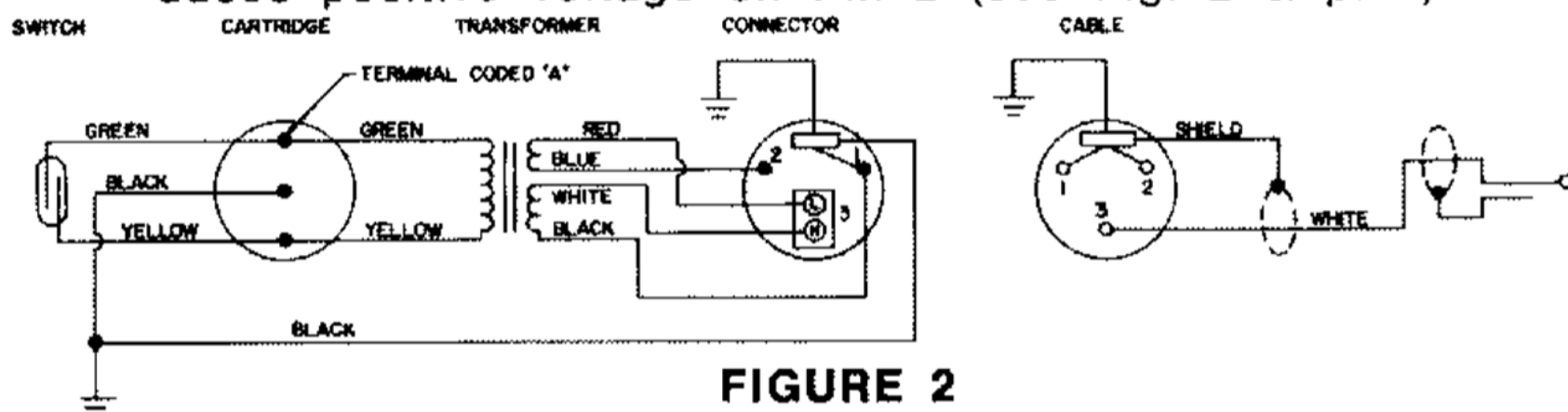


FIGURE 2

Switch: Built-in magnetic reed On-Off switch with lockplate installed in unlocked position. To lock switch in On position, move to On position, loosen screw on lockplate, and turn lockplate 180°. Retighten screw.

Connector:	Equipped with professional three-pin audio connector (male) designed to mate with furnished cable or Cannon XL series, Switchcraft A3 (Q.G.) series or equivalent connector
Shock Mount:	Internal rubber vibration-isolator
Case:	Chrome-plated die casting with steel mesh grille
Swivel Adapter:	Adjustable through 90° from vertical to horizontal, to fit 5/8"-27 thread
Cable:	6.1m (20 ft) single conductor shielded cable, equipped with professional three-pin audio connector (female) on microphone end and 1/4 in. phone plug on equipment end
Net Weight:	298 grams (10½ oz) less cable

FURNISHED ACCESSORIES

Swivel Adapter:	A25B
Carrying Case:	90A1413
Connector Locking Kit:	90CK1371

OPTIONAL ACCESSORIES

Desk Stand:	S33B, S37A, S38B, S39A, S40A
Disconnect Adapter:	A45
Line Matching Transformer:	A95 Series
Windscreen:	A61WS
Low Impedance Cable:	C50CN

REPLACEMENT PARTS

Cartridge:	R65
Cable:	C5-X
Screen and Grille Assembly:	RS65
Case Assembly:	RK150C
On-Off Switch:	RK106S
Cable Connector:	RK120P
Plug Element:	RK40P