

The TC-4 Series of Condensers marks a breakthrough to new heights in microphone techniques. Two (2) Field Effect Transistors and exclusive design, combined with ultra-sensitive microphone cartridges yield all the advantages of solid state electronics without sacrifice to long term stability and dependability. Etched printed circuits and diaphragms, vapor coated (under high vacuum), make possible uniform production.

TC-4 is available as a Cardioid (uni-directional), bi-directional (figure 8) or omni-directional microphone.

TC-4V has variable polar patterns permitting the choice of any of the three basic characteristics as well as intermediate polar patterns.

TC-4US and TC-4US-V will satisfy requirements for the "ultimate" microphone. Switches are built-in allowing choice of:

- maximum sensitivity or 10 db attenuation
- flat response or 5 db boost @ 5 kHz
- 200 or 50 ohms balanced output.

TECHNICAL DATA

Directivity patterns.....	TC-4, TC-4US	Cardioid
	TC-4B, TC-4BUS	Bi-directional
	TC-4K, TC-4K-US	Omni-directional
	TC-4V, TC-4US-V	Variable
Directivity index.....	TC-4, TC-4US	20 db
	TC-4B, TC-4BUS	20 - 25 db
	TC-4V, TC-4US-V	0/25 db
Frequency response ± 2 db.....	30 - 20,000 Hz	
Sensitivity @ 200 ohms - 1 dyne cm ²	-52 db (Cardioid)	
	-56 db (Omni-directional)	
	10 db attenuation US models	
Output impedance (balanced).....	TC-4, TC-4B, TC-4K, TC-4V 200 ohms	
	(50 ohms on Special Order)	
	TC-4US, TC-4BUS, TC-4K-US, TC-4US-V	
	200 or 50 ohms	
S/N International Standard "A" curve...	60 db (Cardioid)	
	57 db (Omni and Bi-directional)	
Dynamic range.....	120 db (Cardioid)	
	124 db (Omni and Bi-directional)	
Operating voltage.....	120 V. Maximum	
Operating temperatures.....	-20° + 50° C	
F. E. T.	2 X PML #1, 2	
Dimensions	1 1/16" (27 mm) X 5 5/8" (145 mm)	
	1 1/16" (43 mm) X 5 5/8" (145 mm) US models	
Finish.....	Anodized, anti-reflective matte Black with aluminum trim.	
	Anodized, anti-reflective satin brushed Silver US models.	