Rauland

1295

Dynamic Microphone

OUTSTANDING PERFORMANCE, APPEARANCE AND DEPENDABILITY

The **model 1295** is a dual impedance, omnidirectional dynamic desk microphone offering modern styling and features in a rugged Cycolac housing for all industrial and commercial public address and paging applications. The Model **1295** has a slide switch for low or high impedance selection. The wide band frequency response is smooth and peak free, with a slight rise above 2K Hz to give that "natural " highly intelligible sound. The microphone and relay switching is accomplished with a long life DPDT professional leaf switch and a simple push bar control with locking capabilities, to give years of dependable, trouble free performance.

The 1295 is manufactured to take normal abuse and retain its performance over a long life. Four molded "feet", non-skid, non-marring, permanently resilient, ore located under the zinc die cost base.

Supplied with 2.1 m (7 ft.) of four conductor, two shielded cable, the **Model 1295** microphone circuit is wired line-shorting in the high impedance position and normally open in the low impedance position.

Available in black

Manufactured in the U.S.A.

SPECIFICATIONS

. ELEMENT:	Dynamic
● PATTERN:	Omnidirectional
● FREQUENCY RESPONSE:	50 to 12,000 Hz
o uT Pu T:	Hi Z: -55dB (0dB = 1 volt/microbar) -151dB EIA
	Lo Z: -58dB (0dB = 1 mw/10 microbars) -76dB (0dB = 1 volt/microbar) -152dB EIA
● IMPEDANCE:	Hi Z: 40,000 ohms, matches 100K ohms or greater
	Lo Z: 400 ohms, matches 125 to 1000 ohms
. SWITCH:	Control: DPDT professional long life leaf switch, operated with a simple push bar
	Impedance: DPDT slide switch located on underside of the microphone.
● CABLE:	2. 1 m (7 ft.) of heavy duty four conductor (two shielded) cable
. DIMENSIONS:	238mm (9 3/8") high; 110mm (4 1/32") wide; 148 mm (5 27/32") deep
. WEIGHT:	687 grams (24¼ oz.)
● FINISH:	Durable molded Cycolac in black, white or beige colors with die cast base painted in a complimentary color

APPLICATIONS

PUBLIC ADDRESS AND PAGING: A superior microphone for installations where quality of reproduction is desired. Modern styling plus rugged construction and environmental resistance will provide dependability in such applications as airport control towers, police, fire and taxi dispatching, office communications, paging in department stores, restaurants, bowling alleys, factories, schools, fast food outlets, movie theaters, etc.

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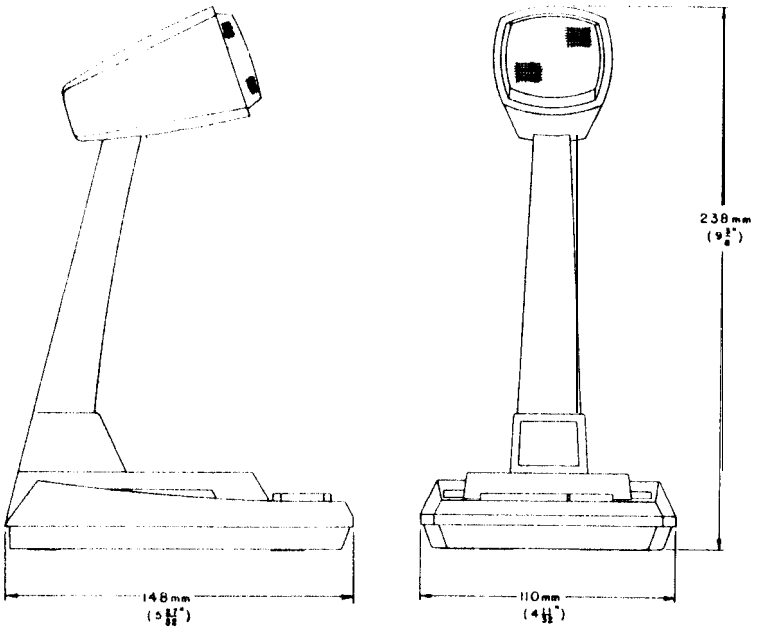
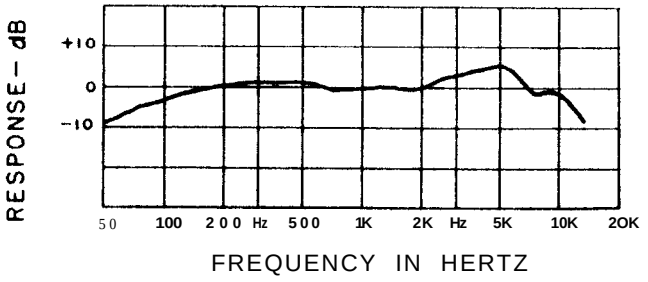
Rauland

SPECIFICATIONS

MODEL 1295



FREQUENCY RESPONSE



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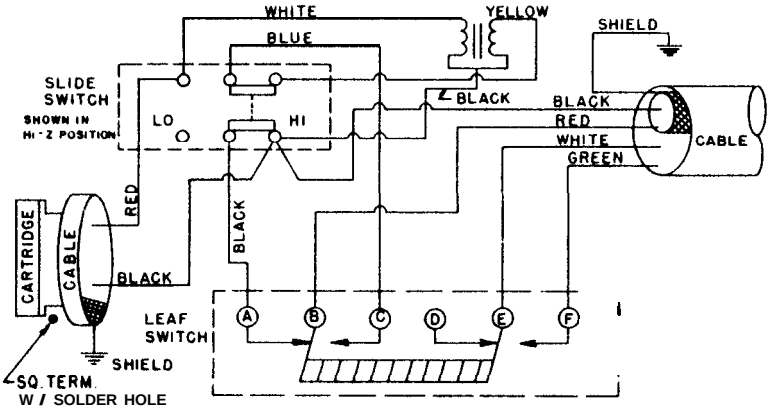

IMPEDANCE

The **model 1295** is a dual impedance microphone. The high impedance position is 40,000 ohms and the low impedance is 400 ohms. The low impedance position is recommended for long cable length requirements. Cable lengths of 30.5m (100 ft.) or more con be used in this position without loss of level or deterioration of high frequency response.

CABLE END CONNECTIONS

HI IMPEDANCE: Connect the red lead to the audio input, the block lead and shield to ground, and the white and green to relay control.
LO IMPEDANCE: Connect cable leads red and black to balanced line input, shield to ground, white and green to relay control.

PHASING

Positive pressure (movement of diaphragm inward) will generate o positive voltage on the red cable lead with respect to the block lead.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The microphone shall be **a Rauland model 1295** The microphone shall be a dynamic moving coil type with a diaphragm made of Mylar. The frequency response shall be 50-12,000 Hz, smooth and peak free, but with a slight rise above 2K Hz. The output level shall be -55dB (0dB = 1 volt/microbar) in the high impedance (40K ohms) position and -58dB (0dB = I mw/10 microbars) in the low impedance (400 ohms) position.

The microphone hall hove a grille assembly consisting of a steel mesh screen and foam filter for protection in difficult environments. The microphone housing shall be molded Cycoloc and die cast base with four non-skid, non-marring, permanently resilient molded "feet". An on-off professional DPDT leaf switch shall be operated by a simple push bar with locking capability. The high or low impedance selection shall be mode with a DPDT slide switch located on the under side of the microphone.

The microphone hall hove a permanently attached 2.1 m (7 ft.), four conductor (two shieldod) cable, with the microphone circuit wired line-shorting in the high impedance position and normally open in the low impedance position.

The overall dimensions of the microphone shall be 238mm (9 3/8") high, 110 mm (4 1/32") wide and 148 mm (5 27/32") doep. The woight shall be 687 grams (24¼ oz.).