

Junior Velocity Microphone Type 74-B

Features

- Free from objectional peaks or dips from 70 to 8,000 cycles.
- Bi-directional "figure eight" type pattern which allows placing of artists on both sides of the microphone and greatly reduces reflection pickup from side walls.
- Light weight, small size.
- Attractive appearance.

Uses

The 74-B has been widely used by broadcasters for years. It offers the smooth bi-directional response of the 44-BX in an inexpensive, small and light-weight model. The 74-B is particularly recommended for applications where the extended frequency response and more elaborate shielding and shock mounting of the 44-BX are unnecessary. It is, therefore, a very useful microphone for audition studios, announce positions, talk back and for small and occasionally used studios. It may also be used for remote pickups where the frequency response is limited by lines and other factors. While the 74-B is particularly useful for pickups from inside remote points, the Type 88-A Microphone is especially suited for general remote use. The 88-A is designed to give the greatest freedom from the effects of wind, shock and moisture.

Description

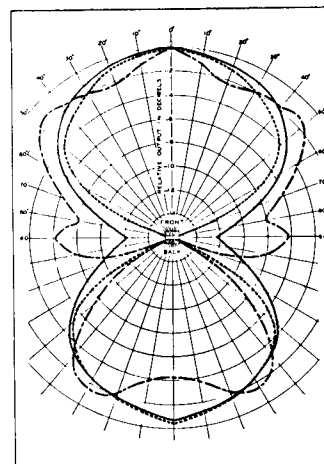
In design the Type 74-B is similar to the larger 44-BX Microphone, but lacks the latter's shock mounting and transformer shielding. The transformer output impedance taps are for 50, 250 and 15,000 ohms. The windscreen is finished in satin chromium and the base is umber gray. Attached to the base is a ball and socket joint which permits rotation or tilting at any desired angle.

Specifications

Directional Characteristics	Bi-directional
Output Impedances (tapped transformer)	50 / 250 / 15,000 ohms
Effective Output Level	-56 dbm*
Hum Pickup Level	-100 dbm**
Frequency Response (see curves)	50-9,000 cycles
Finish	Umber gray and satin chromium
Dimensions (overall)	
Length	7 $\frac{3}{4}$ "
Width	2 $\frac{3}{4}$ "
Depth	2 $\frac{1}{2}$ "
Weight (unpacked)	2 $\frac{1}{2}$ lbs.
Mounting	$\frac{1}{2}$ " pipe thread
Cable (MI-42 2 conductor, shielded)	30' less plug
Stock Identification	MI-4036-AA

* Level referred to one milliwatt and a sound pressure of 10 dynes/cm².

** Level referred to a hum field of 1×10^{-3} gauss.



Directional characteristic of a typical 74-B Junior Velocity Microphone.

— 1000 cps
 - - - 300 cps
 - · - 3000 cps

