

# "Bantam" Velocity Microphone, Type KB-2C

## Features

- Miniature size—ideal for concealment.
- Cable disconnect at microphone makes handling easy.
- Excellent response over the essential audio range.
- Directional pattern allows orientation to reduce pickup of unwanted reflections.
- Shock mounted.
- Insensitive to stray magnetic fields.
- Low cost.
- Adjustable low frequency response.
- Voice or music pickup.

## Uses

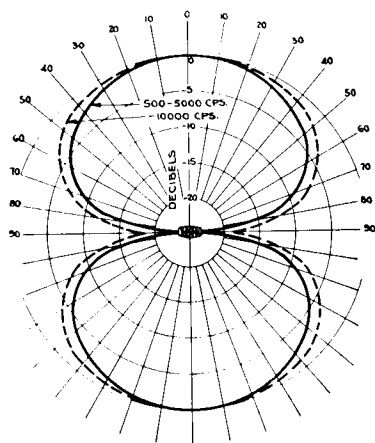
The "Bantam" Velocity Microphone, Type KB-2C, is used in AM and FM broadcast studios, in remotes and in television programs where it is essential that the artist's face must be in full view. The microphone is small enough to permit complete concealment if desired.

In addition, the KB-2C will give excellent service in any of the applications suggested for the 44-BX Velocity Microphone with no sacrifice in output level and an imperceptible change in quality. Cognizance must, however, be taken of the fact that the windscreening in the KB-2C is not as effective as on the 44-BX. It is, therefore, best not to attempt to work as close to the KB-2C if excitation due to breath puffs are to be avoided.

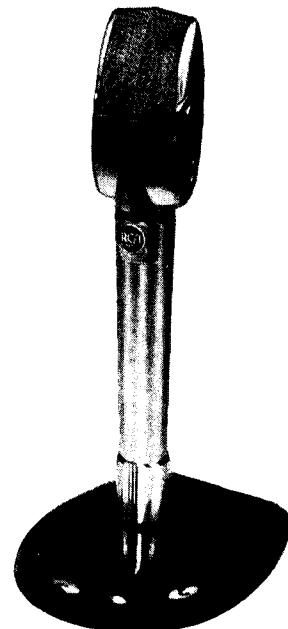
## Description

The KB-2C is a miniature Velocity Microphone whose principle of operation is no different than that of the 44-BX. The small size (without sacrifice in output level) is obtained through the use of highly efficient magnetic materials which are placed in the most advantageous places. The ribbon and pole piece assembly is contained in the upper screened portion and the transformer and compensating reactor in the housing immediately below. Output impedances of 30/150/250 ohms are provided. The screened portion is pivoted and may be tilted forward or backward through an angle of approximately 30 degrees. On one side below the pivot is a screwdriver-type switch for selecting the bass response for voice or music. The cable can be disconnected by opening the back portion of the shank and disengaging the concealed plug. An "XL" type male insert is supplied as a part of the microphone.

For desk positions, the KS-5A low-height stand is recommended for use with the KB-2C. Any standard floor stand or collapsible stand may be used for other applications.



Directional Characteristics of a Typical KB-2C  
Velocity Microphone



## Specifications

Directional Characteristics	Bi-directional
Output Impedances	30/150/250 ohms
Effective Output Level	-56 dbm*
Hum Pick-up Level	-108 dbm**
Frequency Response (see curve)	60-10,000 cycles
Finish	Satin chrome and umber gray
Dimensions (overall including stand fitting):	
Length	8 <sup>7</sup> / <sub>8</sub> "
Width	1 <sup>7</sup> / <sub>8</sub> "
Depth	1"
Weight Less Cable (unpacked)	12 oz.
Mounting	5/8"—27 fixture thread
Stock Identification	MI-11001
(Includes 30 feet MI-43 3 conductor shielded cable)	

## Accessories

Adaptor (5/8"—27 microphone thread to 1/2" pipe thread on stand)	MI-12053
Cable Only (three conductor shielded)	MI-43-A
Desk Stand (umber gray metalustre)	MI-12066
Desk Stand (black)	MI-12066-A
Cannon Microphone Plug—Type P (male)	MI-4630-B
Cannon Microphone Plug—Type XL (male)	MI-12059

\* Referred to one milliwatt and a sound pressure of 10 dynes/cm<sup>2</sup>.

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