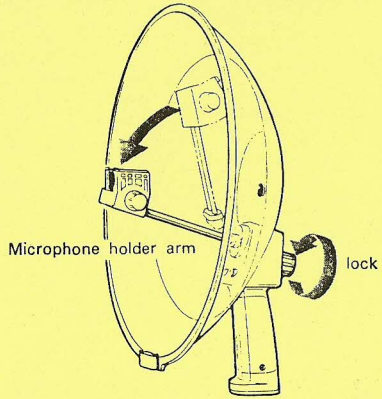


SONY

ASSEMBLING

Pull down the microphone holder arm, and while holding the arm in this position, turn the lock screw located on the rear of the reflector clockwise to lock the microphone holder arm in the down position.

To fold the holder arm, turn the screw counterclockwise.



How to Use

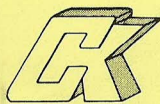
The Parabolic Reflector PBR-330 is designed to collect sound falling on its surface to a focal point and increase the sensitivity of the microphone.

Environmental recordings, research and development situations, nature studies and a myriad of other applications restricted only by the operator's imagination, are prime uses for the PBR-330.

- A 330 mm-in-diameter polycarbonate Parabolic Reflector
- Almost all stick-shaped microphones can be mounted into the slide-type microphone holder.
- Best focal-point setting can be readily obtained by the red focal-point mark located on the microphone holder arm.
- The PBR-330 is designed for location-oriented use.

PARABOLIC REFLECTOR

PBR-330



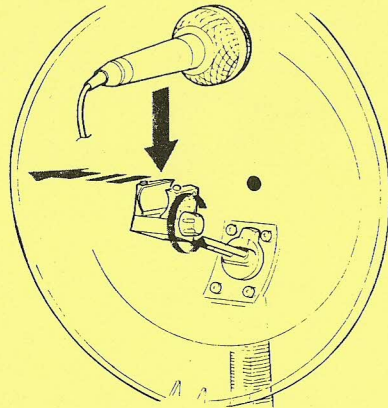
CROUSE-KIMZEY CO.
3507 West Vickery
Fort Worth, Texas 76107
(817) 737-9911

MICROPHONE MOUNTING

In order to obtain optimum benefit from the PBR-330, use an omnidirectional microphone. (Use of a uni-directional microphone may reduce its sensitivity at lower frequencies.)

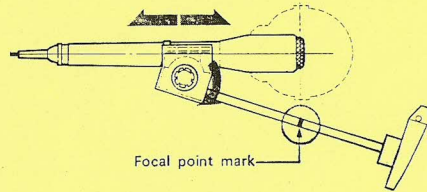
Any type of microphone having a diameter of 15 mm to 30 mm can be mounted into the microphone holder.

- ① Turn the screw of the microphone holder counterclockwise and spread the microphone holder.
- ② Insert the microphone from above the microphone holder, facing the microphone head into the reflector. See the illustration.
- To use a wind screen, first attach the wind screen to the microphone, then insert the microphone to the reflector.

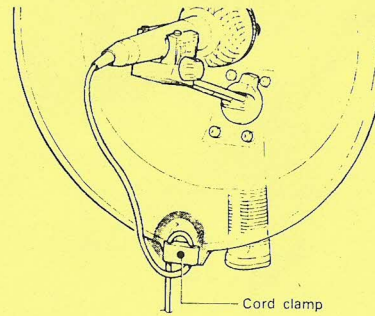


- ③ Slide the microphone into the mount so that the microphone head is parallel with the focal point.
- ④ Tighten the microphone-holder screw.

- The focal point adjustment is not too critical. A deviation of about 2 cm does not make any noticeable difference.

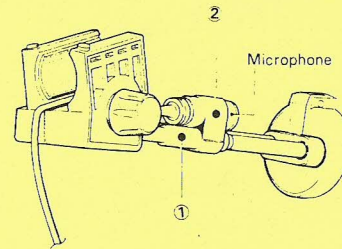


- ⑤ Run the microphone cord as illustrated.



Using a small-type microphone

- ① Insulate the microphone by inserting a cushion or cloth between the microphone and mounting surface.
- ② To hold the microphone in place, use vinyl or cellophane tape.



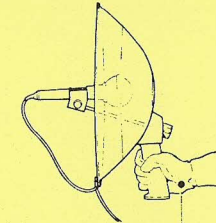
NOTES

- Avoid using or storing the PBR-330 near extreme heat.
- The PBR-330 is specifically designed for hand-held or tripod applications. Avoid setting the unit directly on the ground. This may result in picking up unwanted vibrations and sound.

LOCATION RECORDING

Hand-held use

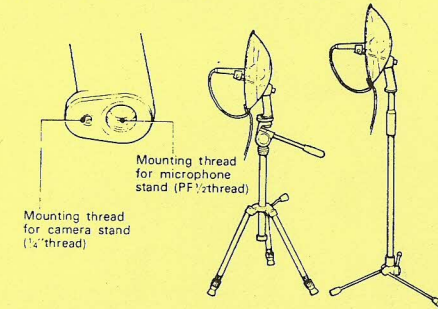
- On-the-spot sound pickup.
- Recording birds or animals which change their position frequently.
- Locations where mobility is a must.



Use a glove to prevent touch noise.

Camera tripod or microphone stand use

- To prevent annoying touch noise, mounting on a camera tripod stand or microphone stand is recommended. To mount on an N/S 5/8"-thread pipe, use the supplied stand adaptor.



Location recording

- ① Mount the microphone in the reflector.
- ② Connect the microphone and the headphones to the tape recorder.
- ③ Orient the reflector in the direction from which the desired sound is heard clearest, by sighting through the reflector and monitoring through the headphones. A deflection of only a few degrees might result in loss of sensitivity.

