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 hold 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.

Parabolic Reflector PBR-330 is designed for location-oriented use.

MICROPHONE MOUNTING

In order to obtain optimum benefit from the PBR-330, use an omnidirectional microphone. (Use of a unidirectional 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.
3. To use a wind screen, first attach the wind screen to the microphone, then insert the microphone to the reflector.

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

1. Avoid using or storing the PBR-330 near extreme heat.
2. 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
1. On-the-spot sound pickup.
2. Recording birds or animals which change their position frequently.
3. Locations where mobility is a must.

Camera tripod or microphone stand use
1. To prevent annoying touch noise, mounting on a camera tripod stand or microphone stand is recommended. To mount on an N/S 1/4”-thread pipe, use the supplied stand adapter.

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.