

TOA Corporation

● FEATURES:

1. High sensitivity and omnidirectivity enable superb frequency response range.
2. This condenser microphone which possesses a high tone quality is designed for excellent acoustical effects.
3. Totally noiseless sound, small FET power consumption and a semipermanent life can be expected.

● CAUTIONS:

1. Avoid using or storing the microphone for a longer time at places of high temperature and humidity.
2. The microphone does not work if the polarity of the battery is mistaken. Make sure the polarity is correct before use. When the microphone is not used, take out the battery.
3. The battery taken out of the microphone should be kept in the carrying case lest it be lost.
4. Never drop a used battery into fire because it may explode and involve danger.

● SPECIFICATIONS:

Type:
Electret condenser microphone

Power source:
Mercury battery (Malory H-C)

Outgoing cord:
5m long with phone plug

Dimension:
φ 14×52mm

Weight:
140g(with battery)

Accessories:
1 pc. of battery and 1 pc. of holder clip

Frequency response:
50—13,000Hz
(See the characteristic curve.)

Directivity:
Omnidirectional

Sensitivity:
-74dB±3dB

Impedance:
1kΩ

Characteristics of power source:
Standard operating voltage: 1.3V
Min. operating voltage: 0.8V
Current consumption: 200μA
Continuous duration: 100hrs.

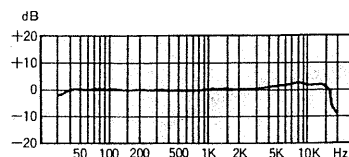
Signal to noise ratio:
Better than 40dB (1,000Hz 1μ bar)

Max. input sound pressure level:
130dB SPL

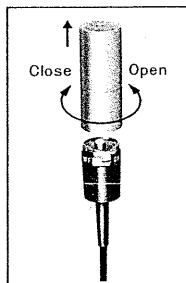
Switch:
Power ON-OFF switch


TOA ELECTRIC CO., LTD.
KOBE JAPAN

● FREQUENCY RESPONSE

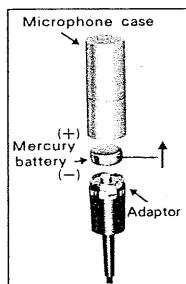


● HOW TO SET BATTERY



Turn microphone case counter clockwise to separate the case from adaptor.

With mercury battery securely held, fix adaptor.

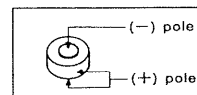


Be sure to put mercury battery (attached) into microphone case with its plus (+) pole down side. If the battery is set with the polarity mistaken, microphone does not operate. Since the poles (+, -) are close to each other take care not to short-circuit them.

● WHEN TO REPLACE BATTERY:

Replace battery with new one if, during the use of microphone, loudness is reduced, tone quality is deteriorated. The attached mercury battery is capable of 100 hours of continuous use. When microphone is not used, take out the battery so as to make the maximum use of its life.

- Mind the polarity (+ & -) of the battery. The polarity of mercury battery is opposite to that of conventional dry battery in appearance. The flat side of mercury battery designates the plus (+) pole and the side having a projecting point at the center the minus (-) pole. Make sure, therefore, which side is for which pole when setting the battery in microphone case.



● Dimensional Diagrams (mm)

