E531/BCS

M/S Stereo Field Recording Microphone Specification Sheet

Description

E531/BCS is configured with M/S stereo arrangement for excellent characteristics and natural sound space.

Effective coverage angle can be switched. 90° for narrower sound source such as solo instrument or dialogue for clear positioning with stereo sound space. 120° for wider sound sources such as orchestra, choir, and stage performance for natural stereo recording.

E531/BCS is very suitable for digital recording devices to record concert, meeting, and music shows, such as MD, DAT and flash memory recorders.

Features

- M/S stereo space, for natural and clear stereo sound image.
- Coverage can be switched between 90° and 120°
- 3.5mm stereo plug.
- Light weight body with professional clip, convenient for carrying and set-up.

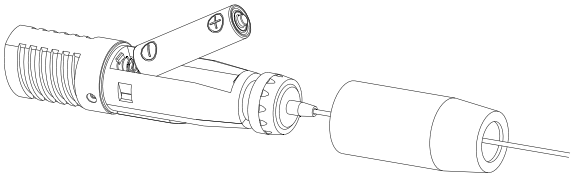
Specifications

Type:	Single point stereo (Mid-Side arrangement), electret condenser microphones
Polar pattern:	Cardioid for Mid, and figure of 8 for Side. Coverage at 90° or 120°
Frequency response:	100~15,000Hz
Sensitivity:	-45dBV/Pa (5.6mV/Pa) ±4dB @120° setting. Channel difference within 3dB
Nominal Impedance:	1k ohm ±20% at 1kHz
Minimum load impedance:	2k ohm
Equivalent noise level:	25dB SPL
Max. SPL:	110dB (T.H.D.≦1% at 1000Hz)
Signal-to-noise ratio:	69dB
Dynamic range:	85dB
Power Source:	1.5V AA Battery
Power consumption:	4mA
Battery lifetime:	approx. 200 hours
Output connector:	3.5mm stereo plug
Weight,iIncluding battery:	110g(3.88oz)

Inserting battery

Steps

1. Unscrew microphone rear cover.
2. Remove body shell to open battery holder.
3. Inserting battery according to the polarity indication.



Battery lift

Powering on the microphone when activating the switch, battery indicator will light up for a period of time when power is sufficient. When battery become weak, indicator become dimmer or go out completely. At this time, please change battery. One 1.5V AA battery provides 200 hours of continuous working for E531/BCS.

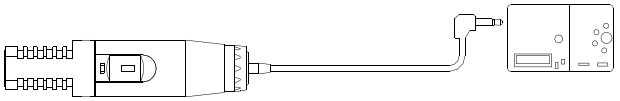
Pre-cautions

To avoid battery leaks damaging this device:

1. Inserting the battery correctly.
2. Do not charge the battery.
3. Remove battery if the microphone will not be used for a long period.
4. In case battery leaks, clean the battery holder before inserting new battery.

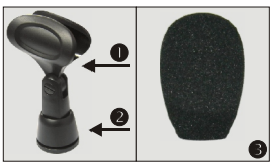
Connection

Microphone set at "OFF" position, and insert 3.5mm stereo plug into the microphone input jack on the recording device, such as MIC jack on MD, DAT··· etc.



Accessories

- Supply with HM-29❶ and proprietary base❷ for floor or desktop placement. When using with a microphone stand, HM-29 can be screwed onto the stand for 3/8" or 5/8" screws with adapter.
- To reduce breathing or wind noise, S-09A❸ (included) windscreen shall be used.



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