



# E531/BCS

## M/S Stereo Field Recording Microphone Specification Sheet

### Description

The E531/BCS is configured with a M/S stereo arrangement for capturing realistic and natural live sound or field recording.

The effective coverage angle can be switched to 90° for applications such as a solo instrument or dialogue or 120° for a wider pattern to record applications such as orchestra, choir, stage or outdoor venues providing natural spatial impact and realism.

The E531/BCS is ideal for digital recording devices for professional stereo applications.



### 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.

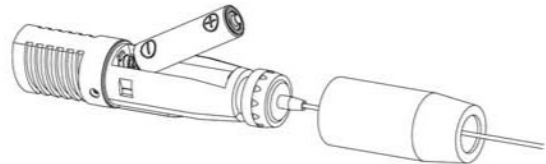
### Specifications

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

### Inserting battery

#### Steps

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



### Battery

When powering on the microphone the battery indicator light will illuminate indicating sufficient power. When the battery becomes weak and needs replacement the indicator will dim or go out completely. One 1.5 AA battery will provide up to 200 hours of use.

### 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

With microphone set to the off position, insert the 3.5mm stereo plug into the microphone input jack into the recording device.



### Accessories

- Supplied with HM-29 mic clip with its proprietary base for desktop or mic stand mounting. The HM-29 accommodates either 3/8" or 5/8" stand threads.
- A foam wind screen to reduce vocal popping and or wind noise is included.



**Solid State Sound**

01747 830670

www.solidstatesound.co.uk

sales@solidstatesound.co.uk