



# E531B

## M/S Stereo Field Recording Microphone Specification Sheet



### Description

E531B 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.

E531B is very suitable for digital recording devices to record concert, meeting, and music shows, such as flash recorder.

### Features

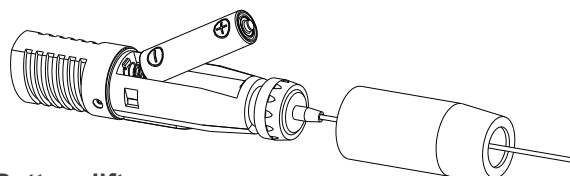
- M/S stereo spaces, for natural and clear stereo sound image.
- Coverage can be switched between 90° and 120°
- 3.5 mm stereo plug.
- Light weight body with professional clip, convenient for carrying and set-up.

### 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, including battery:	110g(3.9oz)
Dimensions:	29 × 126.5 × 29 mm (1.14" × 4.98" × 1.14")

### 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 E531B

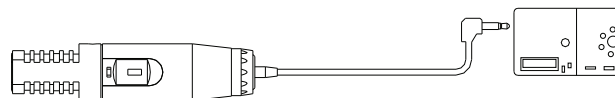
### Pre-cautions

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 Furnished

- HM29B mic clip
- YA2 threaded adapter
- Table stand
- S07 windscreen
- 1.5V AA alkaline battery

# Superlux®

## E531B 背駐極電容式立體聲麥克風



### 概述

E531B採用M/S制式立體聲拾音，極佳的特性和自然臨場感。指向角度可轉換，90° 時用於拾取較窄的聲源，如樂器獨奏，談話等，對目標定位準確，提供清晰的立體聲拾音。120° 時用於拾取較寬的聲源，如樂隊，合唱，舞台表演等，提供自然真實的立體聲拾音。

E531B非常適合與數位掌上型錄音機配合使用。

### 特徵

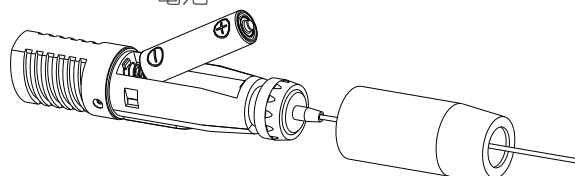
- M/S立體聲系統拾音效果，能產生極其清晰自然的立體聲音圖象。
- 指向角度 (在左右聲道之間) 可根據不同聲源的要求在90° 和120° 之間調整。

### 規格

類 型	一點式立體聲 (使用中側立體聲系統) 背駐極電容式麥克風
指 向 性	一個單指向、一個雙指向，可調指向角度90° 或120°
頻率響應	100~15,000Hz
靈 敏 度	指向角度120° 時 -45 dBV/Pa (5.6 mV/Pa) ±4 dB, 左右聲道靈敏度差異小於3 dB
標稱阻抗	1000Ω ±20% at 1000Hz
最小負載阻抗	2000Ω
等效噪聲級	25 dB SPL
最大聲壓級	110 dB (T.H.D. 1% at 1000 Hz )
信 噪 比	69 dB
動態範圍	85 dB
電源需求	電池1.5V AA/UM3, 4 mA
表面塗裝	黑
接頭	3.5 mm (1/8") 立體聲接頭, 1.5米線
尺寸	29×126.5×29 mm (1.14"×4.98"×1.14")
淨重	110 g (3.9 oz)

### 安裝電池

- 安裝方法**
1. 逆時針方向旋下麥克風後蓋。
  2. 取下殼身打開電池盒。
  3. 依照電池腔內正負極標示裝入1.5V AA電池。



### 電池壽命

正常時打開麥克風電源，電池指示燈會亮起一會兒。當電池電力減弱，指示燈變弱或完全熄滅。這時，請更換電池。一顆1.5V AA電池可為麥克風連續提供200小時的工作電力。

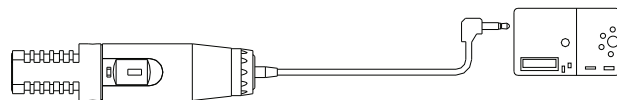
### 使用注意事項

為了避免因電池漏液對本裝置造成損壞或腐蝕。

1. 正確安裝電池。
2. 勿給電池充電。
3. 如長期不使用，請取出電池。
4. 一旦電池漏液，在裝入新電池前，請將電池盒擦拭乾淨。

### 連接

麥克風開關置於 "OFF" 位置，將L型插頭插入錄音設備。如MD、DAT的MIC插口。



### 隨貨附件

HM29B夾子、YA2轉換螺母、台座、S07防風海綿罩、1.5V AA鹼性電池