

# S241/U3

## Condenser Microphone 1/2" Gold-evaporated Diaphragm

### Description

S241U3 is a condenser microphone with 1/2" gold evaporated diaphragm. Its excellent performance is based on the professional craftsmanship and top quality standards, including the exchangeable capsule modules and microphone preamplifier. This makes S241U3 greatly appreciated and required by leading engineers of studio projects. The slight elevation at high end of frequency response makes it an ideal candidate for capturing sounds rich in transients, such as acoustic guitars, snare drums, hi hats and overhead drum kits. Its tailored frequency response eliminates the need for heavy EQ on these instruments. All these characteristics make it a standard configuration for sound companies.

S241U3 has also benefited from mechanical soldering and surface affixing techniques, which improve its electro acoustic performance reliability.

S241U3 has a nice and durable gray finish with advanced carving technique.

### Features

- Gold evaporated diaphragm of diameter 1/2" and thickness 3µm
- Smooth and extended frequency response.
- High gain before feedback.
- External 0dB, -10dB and -20dB sensitivity attenuation pad. (Fig.1)
- Three external low-cut filter switches: flat, 75Hz and 150Hz. (Fig.2)
- Carved serial number for the tracing of every microphone and after-service. (Fig.3)

### Specifications

- |                           |                                     |
|---------------------------|-------------------------------------|
| • Type:                   | Condenser microphone                |
| • Element:                | Pressure gradient, FET preamplifier |
| • Polar pattern:          | Cardioid                            |
| • Frequency response:     | 20~20000Hz                          |
| • Sensitivity:            | -35dBV/Pa (17.8mV/Pa) at 1000Hz     |
| • Rated impedance:        | 200                                 |
| • Min. Loaded impedance:  | 1000                                |
| • Equivalent noise level: | 16dB                                |
| • Signal-to-noise ratio:  | 78dB                                |
| • Max. SPL:               | 143dB (T.H.D. 1% 1000Hz)            |
| • Dynamic range:          | 112dB                               |
| • Power supply:           | 48V ±4V phantom powered             |
| • Current drain:          | 3mA                                 |
| • Output connector:       | 3-pin XLR-Male type                 |
| • Dimension:              | 22x155mm (0.87"x6.11")              |
| • Net weight:             | 220g (7.76oz)                       |

### Accessories

- Supplied accessories include HM40 clip and S09F foam windshield and HM43 anti-POP screen
- Recommended accessories include PS2B phantom power supply adaptor and HM26B shock mount
- Packed in A3 suitcase.

Figure of Exterior Dimensions

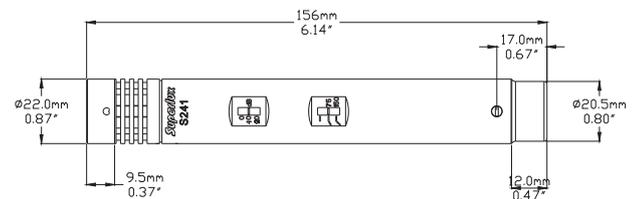
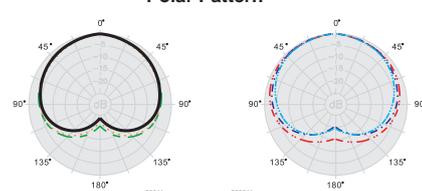


Fig.1 Fig.1 Fig.1



Polar Pattern



Frequency Response

