

The Stellar X2 uses a high-quality iron based body with a custom-made low noise transformer-less FET circuit and a high-quality K67 style capsule. The combination of these two features yields a microphone with a high output signal, low distortion, and low self noise.

Our capsule is based on the classic Neumann K67 with additional changes to provide a more neutral tone. The capsule's mylar is 3 microns rather than 6 to provide a more sensitive design and also reduce the high frequency peak typically associated with this type of capsule. Our circuit also provides additional high frequency attenuation to cope with the K67 Capsule. The resulting tonality is a microphone that does not sound overly harsh. It produces a sound that is relatively neutral with a slight presence boost for added clarity and depth.

Every Stellar X2 goes through our intensive testing procedures before they are packed. This includes a frequency sweep/phase test in our mini anechoic chamber as well as a self-noise test to ensure every circuit performs within specifications.

## Care

Dust and foreign material can degrade the performance of a microphone over time so always store the unit in its included flight case. For close up vocals, use a pop filter or the included foam windscreen to avoid getting moisture on the diaphragm.

## Specifications

**Model:** Stellar X2

**Capsule Type:** Gold Sputtered 34mm K67 style

**Frequency Range:** 20Hz - 18kHz

**Polar Pattern:** Cardioid

**Sensitivity:** -31dB (0dB = 1V/Pa at 1kHz)

**Impedance:** 140 Ω

**Max SPL for .5% THD:** 130dB

**Equivalent Self Noise:** > 13dB (A-weighted)

**Power Requirement:** 48V Phantom Power±4

## Included Accessories

Aluminum Flight Case

Spring Shockmount

3/8 to 5/8" Adapter

Foam Wind Cover

Leather Pouch



## Frequency Response and Polar Pattern

