

# Product Spec Sheet from Rentex

## Shure SM35 Performance Headset Condenser Microphone (TA4F)

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Rentex Product No. MIC1415



Mfr Part No. SM35-TQG

The TA4F SM35 Performance Headset Condenser Microphone from Shure is a wireframe headset cardioid condenser microphone that can be used for a variety of active vocal and general speech performance applications. It features an in-line XLR preamp and connector. A snap-fit windscreen is included.

### Features

- Optimized for Vocal Reproduction
- Flexible Gooseneck
- Wireframe Headset
- Cardioid Polar Pattern
- Includes Snap-Fit Windscreen
- Tailored frequency response refined for clear, crisp vocal reproduction

### Detailed Specifications

<b>Type</b>	Electret condenser
<b>Frequency Response</b>	40 Hz to 20 kHz
<b>Polar Pattern</b>	Cardioid
<b>Output Impedance</b>	2400 $\Omega$ @ 1 kHz, typical
<b>Audio Output Level</b>	-59 dBV/Pa
<b>Signal to Noise Ratio</b>	55 dB @ 1 kHz
<b>Maximum SPL</b>	153 dB, @ 1 kHz (1,000 $\Omega$ load)
<b>Dynamic Range</b>	114 dB, @ 1 kHz (1,000 $\Omega$ load)
<b>Output Noise</b>	39 dB, typical, A-weighted
<b>Power Requirements</b>	+5 V DC (nominal), 10 V maximum (DC bias)
<b>Polarity</b>	Positive pressure on diaphragm produces positive voltage on pin 3 with respect to pin 1
<b>Cable</b>	45" (1.1 m)
<b>Connector</b>	TA4F
<b>Weight</b>	2.53 oz (72 g)
<b>Box Dimensions (LxWxH)</b>	8.0 x 6.3 x 3.0"