

Product Specifications

SM58® Cardioid Dynamic Microphone

Overview

The legendary SM58® is an industry-standard, highly versatile cardioid dynamic vocal microphone that is consistently the first choice of vocal performers around the globe. Even in extreme conditions, the SM58 is tailored to target the main sound source while minimizing background noise, delivering warm and clear vocal reproduction.

Features

- Frequency response tailored for vocals, with brightened midrange and bass rolloff
- Uniform cardioid pickup pattern isolates the main sound source and minimizes background noise
- Pneumatic shock-mount system cuts down handling noise
- Effective, built-in spherical wind and pop filter
- Supplied with break-resistant stand adapter which rotates 180 degrees
- Legendary Shure quality, ruggedness and reliability
- Cardioid (unidirectional) dynamic
- Frequency response: 50 to 15,000 Hz

Available Models

SM58-LC	Includes Stand Adapter and Zippered Pouch
SM58-CN	Includes 7.6 m (25 ft) XLR-Male to XLR-Female Cable, Swivel Adapter and a Zippered Pouch
SM58S	Includes Integrated On/Off Switch, Swivel Adapter and a Zippered Pouch

Specifications

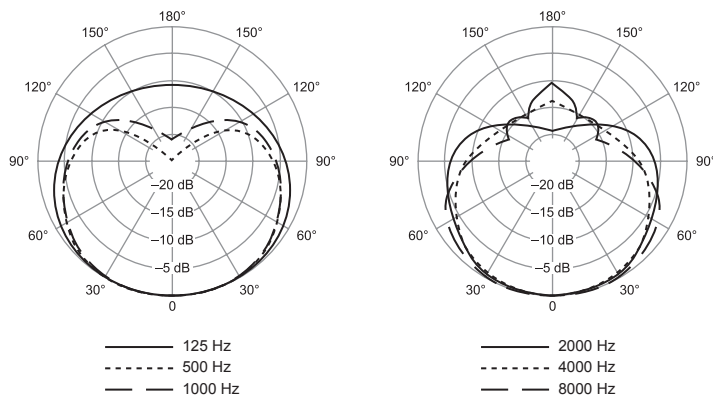
Type	Dynamic
Frequency Response	50 to 15,000 Hz
Polar Pattern	Cardioid
Sensitivity (at 1,000 Hz Open Circuit Voltage)	-54.5 dBV/Pa (1.85 mV) 1 Pa = 94 dB SPL
Impedance	Rated impedance is 150Ω (300Ω actual) for connection to microphone inputs rated low impedance
Polarity	Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3.
Case	Dark gray, enamel-painted, die cast metal; matte-finished, silver colored, spherical steel mesh grille
Connector	Three-pin professional audio connector (male XLR type)
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Net Weight	298 grams (10.5 oz)
Dimensions	162 mm (6-3/8 in.) L x 51 mm (2 in.) W



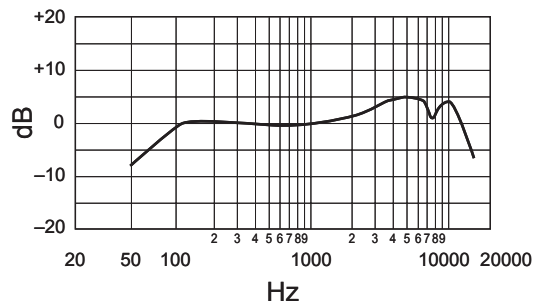
SM58

Optional Accessories and Replacement Parts

A58WS	Windscreen	A55M	Isolation Mount	C25F	7.6 m Cable (25 ft)
A25D	Microphone Clip	A26M	Dual Mount	RK143G	Screen and Grille
R59	Cartridge	S37A, S39A	Desk Stand		



Polar Pattern



Frequency Response



SHURE®

LEGENDARY
PERFORMANCE™

X2u

XLR-to-USB Signal Adapter With Headphone Output

For over 80 years, Shure Microphones have captured the world's most memorable stage and studio performances. Now, Shure XLR-to-USB Signal Adapters let you use your most trusted microphones for all your digital recording. Slim, portable and simple to connect, the X2u adapter makes it easy to record whenever you want, anywhere you take your computer – from the home studio, to the garage, to the road.

Connect

- Plug and Play USB Connectivity allows the convenience of digital recording, anywhere your computer can go (compatible with Windows Vista, XP, 2000, and Mac OS X 10.1 or later)
- Provides +48V Phantom power
- USB cable (3m / 9.8ft) included for immediate use

Record

- Monitor Mix Control for blending microphone and playback audio
- Headphone jack with volume control for monitoring
- Integrated pre-amp with Microphone Gain Control allows control of input signal strength

Playback

- Zero Latency Monitoring for real-time playback and multi-tracking without disorientation
- 16 bit, up to 48 kHz sample rate for better-than-CD quality audio



PRODUCT HIGHLIGHTS

Connect any XLR microphone to a computer

Microphone gain control

Headphone monitoring with zero latency

IDEAL FOR

Desktop or portable laptop studios

Podcasting

Instrument and vocal tracking

X2u XLR-to-USB Signal Adapter With Headphone Output

Overview

Use your favorite microphones to digitally record wherever and whenever your computer takes you with the new X2u XLR-USB Signal Adapter. Perfect for multi-track recording, the X2u features built-in headphone monitoring with zero latency, and easy controls to balance microphone and playback audio, just plug and play for better-than-CD quality sound.



Specifications

Frequency Response	20 to 20,000 Hz +/- 1 dB
Power Requirements	USB-powered, 500 mA, maximum
Digital Noise Floor (20 Hz to 20 kHz, A-weighted)	Minimum MIC GAIN setting: -81 dB FS Maximum MIC GAIN setting: -78 dB FS
Sampling Rate	up to 48 kHz
Bit Depth	16 bit
Peak Signal Indicator (Tri-color)	OFF: -30 dB FS Green: -30 to -12 dB FS Yellow: -12 to 0 dB FS Red: >0 (digital converter clipped)
Adjustable Gain Range	40 dB
Headphone Output	3.5 mm (1/8 inch)

System Requirements

USB	USB 1.1 or 2.0, powered
RAM	64MB RAM (minimum)
Operating System	Microsoft Windows 2000 Professional Japanese/English Edition Microsoft Windows XP Home/Professional Japanese/English Edition (service pack 1.0 or later, or use the USB audio driver update from Microsoft) Microsoft Windows Vista™ Business Japanese/English Edition Apple Computer Mac OS X 10.0 or later English Edition Apple Computer Mac OS X 10.1 or later Japanese Edition (For Mac OS X 10.0 Japanese Edition, plug and play does not work appropriately)

Furnished Accessories

3 m (9.8 ft) USB Cable
Padded Zipper Pouch

SHURE[®]
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