

Technical Support

Should you have any questions regarding your SR25 microphone please contact us:

e-mail: Support@earthworksaudio.com
phone: (603) 654-2433, ext. 19
(9am – 5pm ET)

For warranty and product return/exchange information please refer to the back of the enclosed Calibration Chart.

FIFTEEN-YEAR WARRANTY

All Earthworks products (excluding accessories) carry a fifteen-year limited warranty (parts and labor). If you have any problems with your Earthworks products, please contact our warranty/repair department by email at: returns@earthworksaudio.com or by telephone at (603) 654-6427, Ext. 19.



Earthworks, Inc.
37 Wilton Rd.
Milford, NH 03055 USA
Phone: 1-603-654-6427
Fax: 1-603-654-6107
earthworksaudio.com



Made in U.S.A.
Printed in U.S.A.



SR25

User's Manual



HDM HIGH DEFINITION MICROPHONES™

Description

Earthworks SR25 is a directional pre-polarized condenser microphone with a first-order cardioid pickup pattern directly coupled to a dedicated wideband, low output impedance transformerless preamplifier. The SR25 requires a standard 48V Phantom Power supply. It features a flat frequency response from 50Hz to 25kHz (Fig. 2), fast impulse response (Fig. 3), very low handling noise, uniform polar pattern, and high SPL handling capabilities. It provides excellent uncolored rejection of sounds arriving off-axis. The SR25 is protected by US Patent No. 6,091,829.

Applications

Earthworks SR25 is easy to operate. Connect the microphone to a microphone preamplifier supplying 48V phantom power using a standard XLR microphone cable. Please allow up to one minute for the microphone to settle. Plugging in the microphone “hot” (phantom power already present at the input) will not damage the microphone, and is actually preferred for faster settling. It is normal for any phantom powered mic to “pop” when plugged in or powered up. Make sure to mute the signal to speakers or headphones when phantom power is first applied.

The SR25 is designed specifically for drums and percussion and is the model that comes in the Earthworks Drumkit™ System. The SR25 has a brilliance that is ideal for drum overheads, percussion, Leslie, guitar and bass. Alone or in combination with Earthworks KickPad™ it is perfect for kick drum. The SR25 is a versatile microphone for general studio and stage use. Its uniform pickup pattern results in remarkably open sound, while

excellent off-axis rejection reduces feedback and maximizes available gain. A mounting clip is included with the microphone. This microphone has no removable parts.

Care of Microphones

Earthworks SR20 microphone is a precision instrument designed and built to provide years of top performance. Following these simple rules will help to protect your investment in the SR20:

- Avoid touching the front protective screen.
- Never attempt to disassemble the microphone – it cannot be opened.
- Avoid extreme heat and condensing humidity. Allow the microphone to warm up in the case when bringing it in from the cold weather.
- Rough handling may damage the microphone even if no visible marks are left.
- When not in use keep the SR20 in its case.

Specifications

Frequency response: 50Hz to 25kHz ± 2 dB at 1 foot (30cm)
Polar Pattern: Cardioid (Fig. 4)
Sensitivity: 10mV/Pa (-40dBV/Pa)
Power Requirements 48V Phantom, 10mA
Peak Acoustic Input: 145dB SPL
Output: XLR-3 (Fig. 1)
Output Impedance: 100 Ω balanced (50 Ω ea. pin 2 & 3)
Minimum Load: 600 Ω btw. pins 2 & 3
Noise: 22dBA equivalent
Dimensions L x D: 165 x 22 mm (6.5 x .860 in.)
Weight: .35lb (160g)

CE Compliant

Specifications are subject to change without notice.

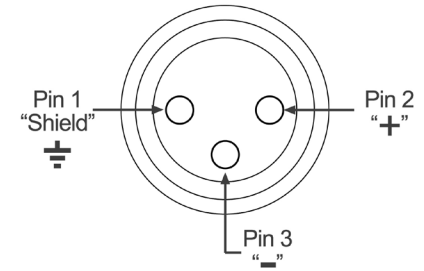


Fig 1. XLR Output Connector Assignment of SR25

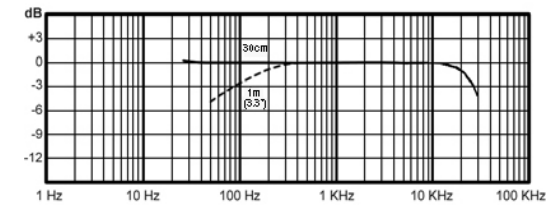


Fig 2. Frequency Response (Typical) of SR25

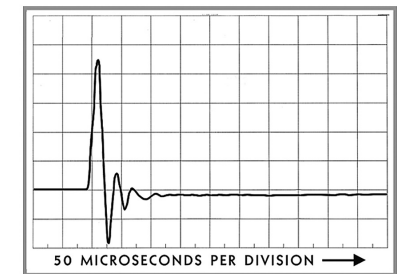


Fig 3. Impulse Response (Typical) of SR25

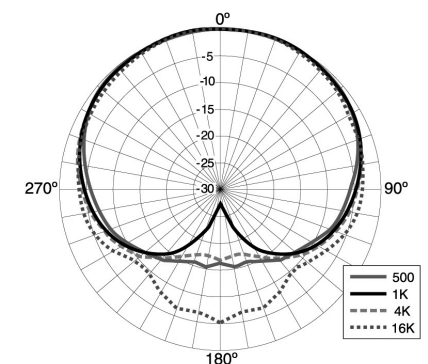


Fig 4. Polar Response (Typical) of SR25