AXIS Microphone
User Guide

AXIS

Large Diaphragm Microphone

Thank you for purchasing the Fluid Audio Axis microphone. Fluid Audio microphones are the result of world-class engineering and meticulous manufacturing. Our microphones are designed to provide you with outstanding performance and exceptional value, and with proper care, this mic will provide many years of satisfaction. For best results, please take a few moments to review this user guide.

General

The Fluid Audio Axis is a large-diaphragm condenser studio recording microphone.
It is constructed of a sophisticated electronic circuit coupled with our newly developed 34mm gold-sputtered, large-format diaphragm. Its discrete class A FET electronics feature a transformer coupled balanced output.
Axis displays outstanding directivity, high sensitivity output and low noise. With its smooth frequency response, large dynamic range, and low distortion, it is perfect for vocals, acoustic guitar, piano or drum overheads. It is an all-around great performer whether you're recording, broadcasting or performing on-stage.

Accessories

- Shock mount
- Zip pouch
- 2-layer Pop filter
- Hard case
- 5 meter / 16.4 ft Scale-Technologies high-grade microphone cable

Features

- Large capsule (34mm) with gold-sputtered membrane
- Cardioid polar pattern
- High sensitivity and low noise
- High SPL
- Elegant and durable brass housing
- Gold plated output connectors

Supplying Power to Axis

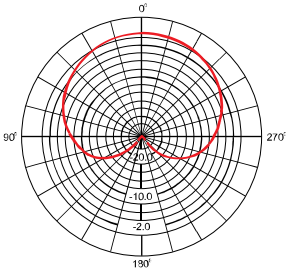
- Connect all cables before applying power to the microphone and never remove the microphone cable while the power is connected.
- The Axis requires P48 volts phantom power to operate properly.
- If used with mixer or preamp that does not have phantom power, then an external phantom power supply is required.
- Some phantom power supplies do not supply the voltage at which they are rated. If the required voltage is not supplied, the dynamic range and general performance of the microphone will be reduced.
- We strongly suggest the use of a reputable high-quality power supply.

Damage caused by a faulty power supply is not covered by the warranty.

Specifications

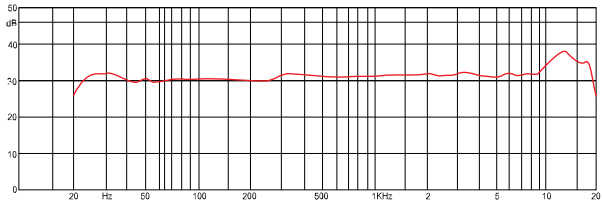
Polar pattern：	Cardioid
Capsule：	34mm large gold-sputtered diaphragm
Frequency range：	20Hz-20kHz
Sensitivity：	12.4mV/Pa (-38dBV/Pa +/- 3 dB @ 1kHz)
Rated impedance：	100Ω
Rated load impedance:	1000Ω
Equivalent noise level：	16dB A-weighted
Max Acoustic SPL：	136dB SPL (@1kHz,1% THD into 1KΩ load)
Signal-to-noise ratio (A-weighted (@94dB)	77 dB
Maximum output	+11 dBu (@1kHz,1% THD into 1KΩ load)
Connector：	3-pin gold plated XLR female
Power requirement：	48V +/- 4V phantom power supply

Polar Pattern



Cardioid at 1KHz

Frequency Response



Note: specifications are subject to change.