



# FI-INS1

Cardioid condenser microphone



The FI-INS is a cardioid condenser microphone, designed for demanding instrument recordings and performances that require extended frequency response, high SPL handling, fast transient response and compact size.

The FI-INS1 is tailored to the instrument miking needs of professional musicians and sound engineers in both live performance and sound recording.

The FI-INS1 is easy to position, durable and manufactured with high standards and tight tolerances.

## Features

- Exceptionally lively, clear sound
- Rugged design
- Very high sound pressure handling capability
- Excellent directivity across the whole frequency range
- Wide frequency response
- Captures the shimmer and the contact of sticks, mallets and hands
- A sensitive mic with a wide, flat response ideal for live amplified and acoustic instruments.
- Extremely well-suited for reproduction of stringed instruments, woodwinds and cymbals

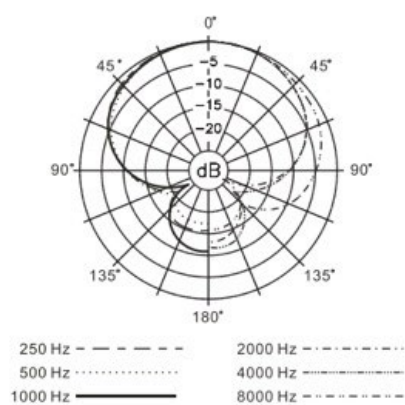
## Applications

- Its main areas of application are acoustic guitars, cymbals, percussion, overhead, orchestras, grand pianos etc.

## Specifications

Technical data	
Transducer principle	Electret condenser
Frequency response	20 - 20,000 Hz
Pick-up pattern	Cardioid
Sensitivity (at 1 kHz)	7 mV/Pa
Nominal impedance (at 1 kHz)	100 $\Omega$
Min. terminating impedance	1 k $\Omega$
Max. sound pressure level	140 dB SPL
Phantom powering	48 V / 2.2 mA
Connector	XLR-3
Dimensions	$\varnothing$ 20mm, L = 100mm
Weight	93g

## Polar pattern



## Frequency response

