K2

Features and Specifications

K2

An "A" Class Valve Condenser Microphone

The **RØDE** K2 is the result of designing and building 1000's of valve microphones. The K2's HF1 capsule is the pinnacle of transducer technology. The sound quality combines modern high-end specifications with the character and subtleties of the legendary 50's mics.

Infinitly variable control of the K2's polar patterns provides the freedom and flexibility to excel in any recording situation. The K2 is another example of **RØDE**'s commitment to building quality studio microphones to meet the exacting standards demanded by today's professionals.

At this years Frankfurt Music Messa, 56 of the most prestigious music industry magazines voted the K2 the "Best Studio Microphone of 2004"

Features

- New large capsule with gold sputtered diaphragm.
- Ultra low noise.
- Wide dynamic range.
- Class 'A' valve circuitry.
- Hand-selected and graded 6922 twin-triode valve.
- Dedicated Power Supply.
- High strength welded and heat-treated steel mesh head.
- Durable satin nickel finish.
- Internal capsule shock mounting.
- High level of RF rejection.
- Supplied complete with SM2 Shock Mount and RC2 Custom Carry Case.
- Continuously variable polar patterns. From omni, through cardiod to figure 8, controlled at the power supply.

Operation

Power

The K2 is designed to operate from a dedicated power supply (110 - 120 V/220 - 240 V, 50/60 Hz).

Output Impedance

Valve impedence converter with bipolar output buffer.

Specifications

Acoustic principle:
Externally polarized 25 mm (1") condenser.

Active Electronics:
Multi-pattern (see graphs over) with bipolar output buffer.

Pickup Pattern:
Continuously variable multi pattern - Omni, through Cardioid to figure 8.

Frequency Response:
20 Hz - 20 kHz.

Output impedance:
200 Ω

Sensitivity at 1 kHz into 1 kΩ:
-36 dB re 1 Volt/Pascal (16 mV @ 94 dB SPL) +/- 2 dB.

Equivalent noise:
10 dBA SPL (per IEC651, IEC268-15).

Maximum Output:
> +30 dBu (@ 1% THD into 1 k).

Dynamic range of mic. amplifier DIN/IEE 651:
150 dB (per IEC651, IEC268-15).

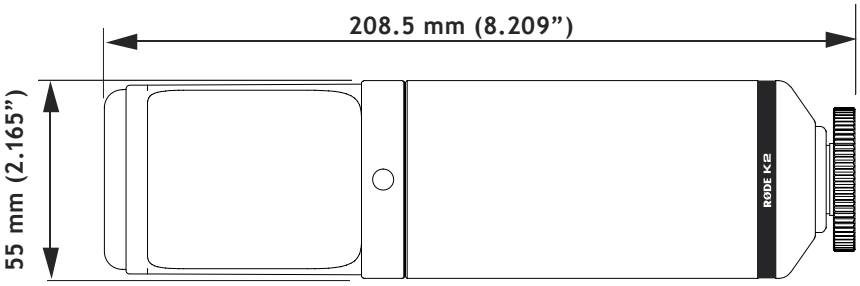
Maximum SPL:
162 dB (@ 1% THD into 1k).

Signal/Noise ratio DIN/IEE 651:
> 81 dB (1kHz relative to 1 Pa; per IEC651, IEC268-15).

Power Requirements:
Dedicated Power Supply (110 - 120 V/220 - 240 V, 50/60 Hz).

Weight Approx.:
815 gms (28.75 oz.).

Dimensions:



CE (EMC, LVD) N3594

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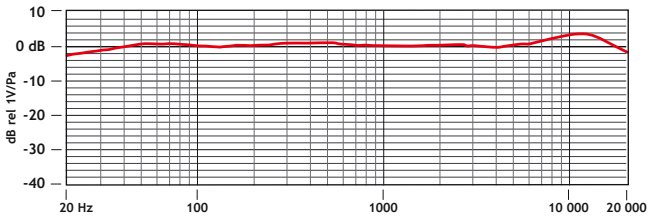
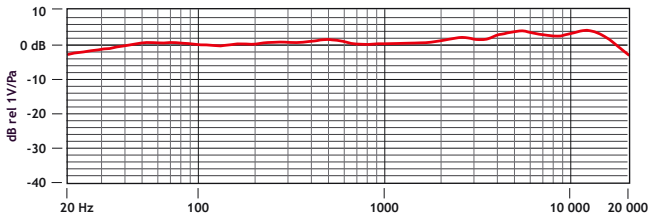
Specifications - cont'd

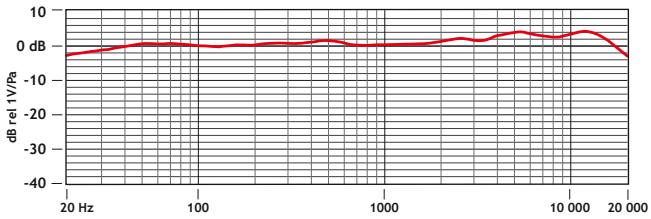
Frequency Response - Omni - 0°, Flat Filter.



Frequency Response - Cardioid - 0°, Flat Filter.



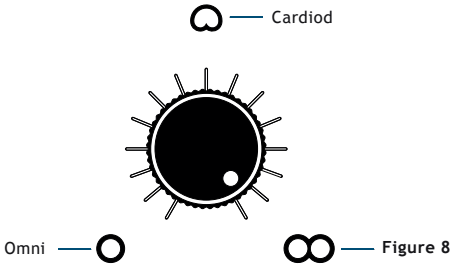
Frequency Response - Figure 8 - 0°, Flat Filter.



Controls

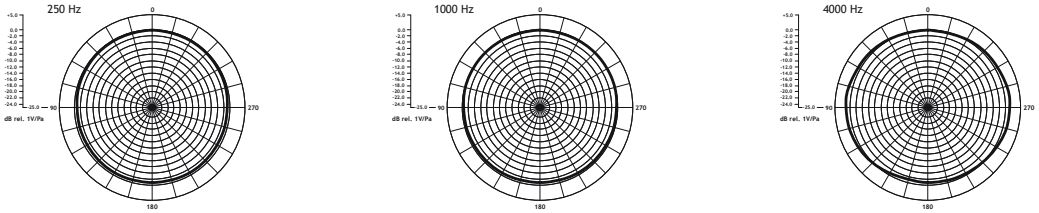
Variable Polar Pattern Control

The control knob for setting the K2's polar pattern is located on the front panel of the dedicated power supply.

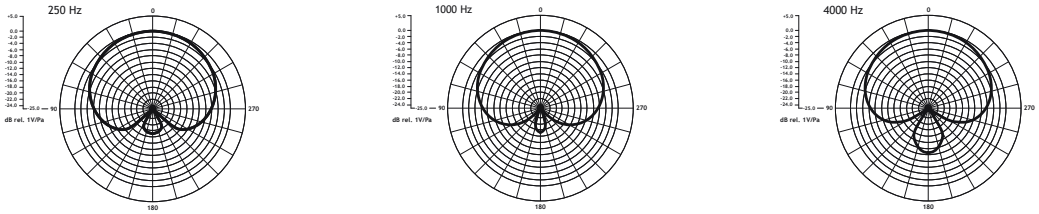


Accessories

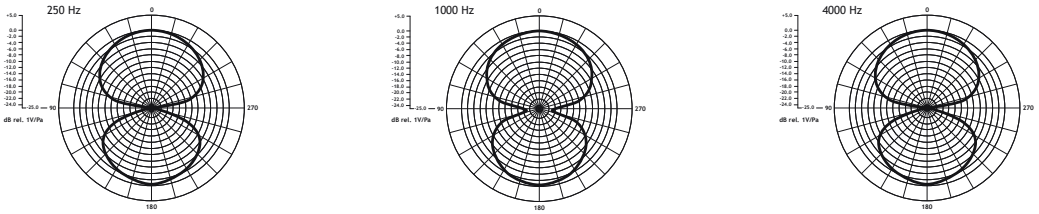
K2 Polar Pattern - Omni - 250 Hz, 1000 Hz & 4000 Hz



K2 Polar Pattern - Cardioid - 250 Hz, 1000 Hz & 4000 Hz



K2 Polar Pattern - Figure 8 - 250 Hz, 1000 Hz & 4000 Hz



Proudly designed and manufactured in Australia

www.rodemic.com

International

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