

NT2-A

The Legend Continues...



Proudly designed and manufactured in Australia
www.rodemic.com

RØDE
MICROPHONES





NT2-A

Professional Multi Pattern Studio Condenser Microphone.

The legendary NT2 is the 'tone' behind countless recording hits of the last decade. Having sold in their hundreds-of-thousands throughout the world, the NT2 is a modern legend amongst leading musicians and engineers.

To create a worthy successor to this legend took time, commitment and a clear focus on the needs of the audio professional.

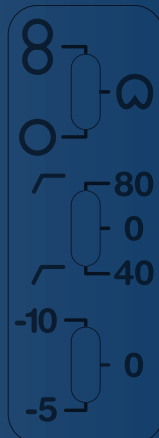
When we started the NT2-A project, we had one aim: to build the definitive F.E.T. studio mic.

Starting with the heart of all great mics; the capsule, we wanted to use something special, and there was only one choice, the Australian designed and manufactured HF1 dual diaphragm capsule, the very same transducer at the heart of our internationally acclaimed and multi award winning valve microphone, the K2.

Describing sound quality is always difficult, but the NT2-A oozes character. With one of the lowest self-noise specs in the industry, we have created a microphone that is capable of capturing the subtleties of voice and instrument alike, without adding any of the undesirable artifacts found in lesser designs.

Of course, like all RØDE microphones the NT2-A incorporates the finest electronics and engineering technologies available. Utilizing computer controlled surface mount electronic assembly ensures accuracy and dependability. The microphone housing is acoustically modelled and formed of solid cast metal, polished, bead blasted and nickel plated; all of which ensures your investment lasts a lifetime.

Words are easy; let the NT2-A speak for itself. You will be convinced it is a worthy successor and a legend in the making.





Features

- The Australian designed and manufactured HF1 1" edge terminated, gold sputtered, dual 5 μ m diaphragm capsule.
- 3-position variable polar pattern: Omni, Cardioid & Figure 8; all controlled on the mic.
- 3-position variable high-pass filter: Flat, 80 Hz or 40 Hz.
- 3-position variable pad: 0 dB, -5 dB or -10 dB.
- Ultra low noise, transformerless SMT circuitry.
- Wide dynamic range.
- High strength heat-treated steel mesh head.
- Durable satin nickel finish.
- Internal capsule shock mounting.
- Supplied complete with soft pouch and clip.
- Designed and manufactured in Sydney, Australia.

Specifications

Acoustic principle:

Externally polarized 25 mm (1") dual diaphragm.

Directional pattern:

Multi-pattern (see graphs over).

Frequency range:

20 Hz - 20 000 Hz (see graphs over)

Polar patterns:

(See graphs over)

Output impedance:

200 Ω

Signal/Noise ratio DIN/IEC 651:

87 dB (1 kHz rel 1 Pa; per IEC651, IEC268-15)

Equivalent noise:

7 dBA SPL (per IEC651, IEC268-15)

Maximum SPL:

147 dB (@ 1% THD into 1 k Ω)
157 dB (@ 1% THD into 1 k Ω) - pad at maximum

Sensitivity at 1 kHz into 1 k Ω :

-36 dB re 1 Volt/Pascal
(16 mV @ 94 dB SPL) $\pm$ 2 dB

Maximum output voltage:

+16 dBu (@ 1% THD into 1 k Ω)

Dynamic range - DIN/IEC 651

140 dB (per IEC651, IEC268-15)

Power (Supply voltage):

48 Volts (P48)

Output Connection:

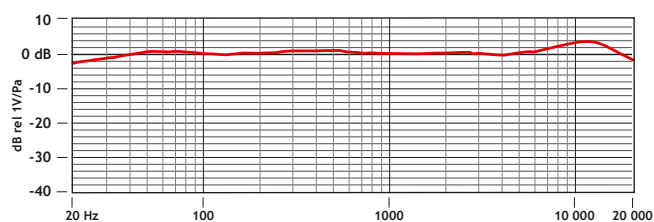
3 pin XLR, balanced output between pin 2(+) and pin 3(-); pin 1 ground.

Weight approx.:

860 grm (30.36 oz)

Frequency Response

Omni - 0°, Flat Filter.



Cardioid - 0°, Flat Filter.

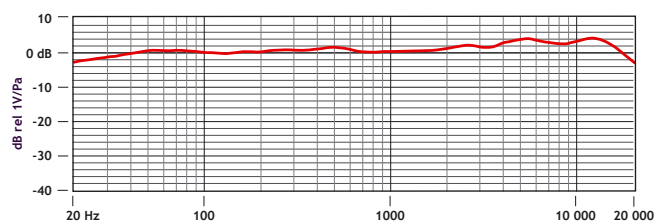
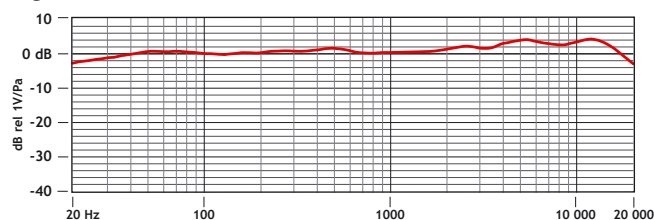
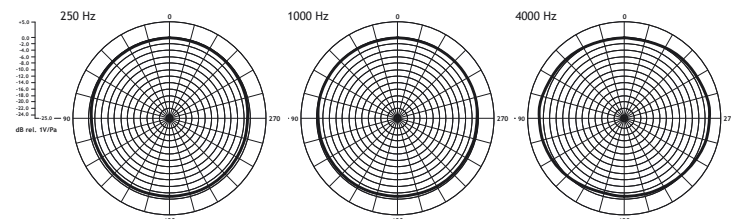


Figure 8 - 0°, Flat Filter.



Polar Pattern

Omni - 250 Hz, 1000 Hz & 4000 Hz



Cardioid - 250 Hz, 1000 Hz & 4000 Hz

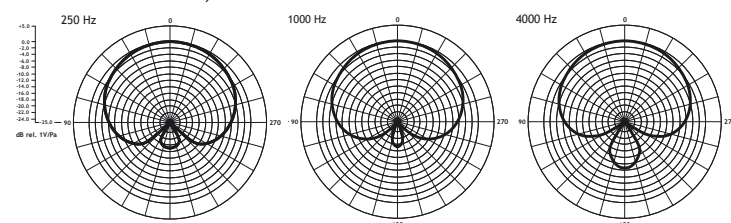
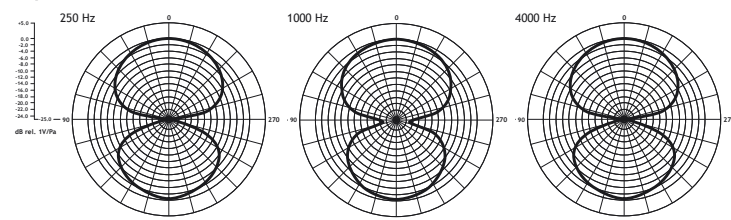
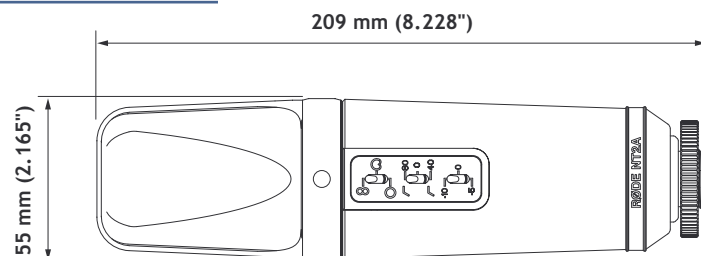


Figure 8 - 250 Hz, 1000 Hz & 4000 Hz



Physical Dimensions



RØDE[®]

M I C R O P H O N E S



RØDE, Australia's only professional microphone design and manufacturing company, has built an enviable reputation throughout the world for their range of professional microphones.

From humble beginnings with the NT1, RØDE set out to deliver professional studio quality mics that were more accessible to the wider recording and performing communities.

Exporting to over 40 countries, RØDE are today acknowledged for their engineered performance, versatility, superior design and construction.

From their recently completed \$10 million, state-of-the-art facility in Sydney, RØDE continues to design and manufacture an ever-expanding range of precision transducers, changing the way musicians and engineers record their art.



Proudly designed and manufactured in Australia
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