

# NT1 5TH GENERATION

## STUDIO CONDENSER MICROPHONE



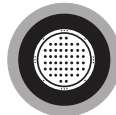
10 YEAR  
WARRANTY



DUAL CONNECT  
XLR & USB  
CONNECTIVITY



32 BIT FLOAT  
DIGITAL OUTPUT



1" GOLD-SPUTTERED  
CAPSULE



The NT1 5th Generation fuses the classic sound signature of the legendary RØDE NT1 with cutting-edge, next-generation technology. It features RØDE's groundbreaking Dual Connect output, offering both XLR and USB connectivity for connecting to an audio interface, mixer or console, and other audio equipment, or directly to a computer for plug-and-play recording. It features a professional-grade audio interface built in, with RØDE's ultra-low-noise, high-gain Revolution Preamp™, high-resolution (up to 192kHz) A/D conversion, and advanced digital signal processing for recording pristine, studio-quality audio. It also features a 32-bit float digital output for recording everything from a whisper to the loudest drummer with no chance of clipping\* and no need to set complex gain controls. These revolutionary features complement the warm silky character, extended frequency response, extremely low self-noise, and high SPL handling that the NT1 is renowned for, making the NT1 5th Generation the ultimate studio microphone for a wide variety of recording applications.

*\*up to the max SPL handling capability of the microphone*

- Large-diaphragm (1-inch) gold-sputtered condenser capsule
- Extended frequency response
- Exceptionally low self-noise (4dBA)
- High sensitivity and high SPL handling
- Dual Connect output – XLR and USB connectivity
- Ultra-low-noise, high-gain Revolution Preamp™
- 32-bit float digital output
- High-resolution (192kHz) A/D conversion
- On-board DSP for advanced APHEX® audio processing, including a compressor, noise gate, high-pass filter, and Aural Exciter™ and Big Bottom™ effects
- Studio-grade shock mount and pop filter, XLR and USB cables included
- Available in black and silver
- Designed and made in RØDE's precision manufacturing facilities in Sydney, Australia



### ACOUSTIC & ELECTRICAL SPECIFICATIONS

|                                |                                                              |
|--------------------------------|--------------------------------------------------------------|
| Acoustic Principle:            | Pressure gradient                                            |
| Active Electronics:            | JFET impedance converter with bipolar output buffer          |
| Capsule:                       | 1.00"                                                        |
| Polar Pattern:                 | Cardioid                                                     |
| Address Type:                  | Side                                                         |
| Frequency Range:               | 20Hz - 20kHz                                                 |
| Output Impedance:              | 100Ω                                                         |
| Maximum SPL:                   | 142 dB SPL                                                   |
| Equivalent Noise (A-Weighted): | 4dBA                                                         |
| Sensitivity:                   | -32 dB re 1 Volt/Pascal (25 mV @ 94 dB SPL) +/- 2 dB @ 1 kHz |
| Analogue Power Requirements:   | Via XLR: P48                                                 |
| Analogue Output Connection:    | 3-pin XLR                                                    |

### DIGITAL SPECIFICATIONS

|                             |                                                                       |
|-----------------------------|-----------------------------------------------------------------------|
| Digital Power Requirements: | Via USB: 5V                                                           |
| Digital Output Connection:  | USB-C                                                                 |
| Bit Depth:                  | 24-bit / 32-bit floating point                                        |
| Sampling Rate (kHz):        | 48 / 96 / 192                                                         |
| Processing:                 | APHEX digital signal processing (only available at 48kHz sample rate) |
| Minimum OS Requirements:    | Windows 10<br>Mac OS 10.15                                            |

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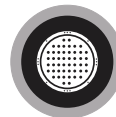
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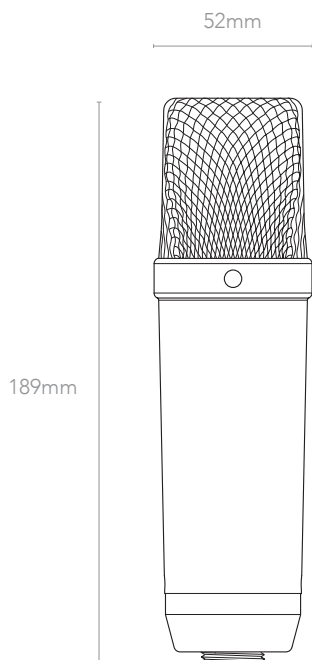
32  
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32 BIT FLOAT  
DIGITAL OUTPUT

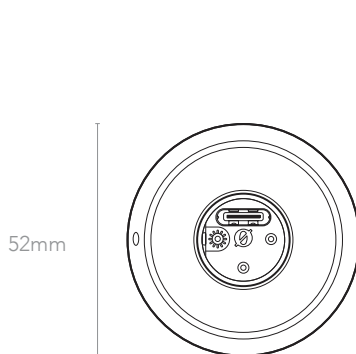


1" GOLD-SPUTTERED  
CAPSULE

Front view



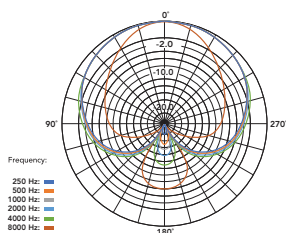
Bottom view



## MECHANICAL SPECIFICATIONS

|                              |                                                                                                                                                                |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight (grams):              | 308                                                                                                                                                            |
| Dimensions (millimetres):    | Length: 52<br>Width: 52<br>Height: 189                                                                                                                         |
| Included Accessories:        | <ul style="list-style-type: none"><li>• SM6 Shock mount &amp; pop filter</li><li>• SC29 - 3m USB-C Cable</li><li>• 6m XLR Cable</li><li>• Dust Cover</li></ul> |
| RØDE Software Compatibility: | RØDE Central<br>RØDE Connect<br>RØDE UNIFY                                                                                                                     |

POLAR PATTERN



FREQUENCY RESPONSE

