

**NTO 100**  
**NTO 101**  
**NTO 102**  
**NTO 103**



NTO 100



NTO 101



NTO 102



NTO 103

**SPECIFICATIONS**

**NTO 100 / 101**

- ELEMENT : Back Electret - Condenser
- POLAR PATTERN : Omni-directional
- FREQUENCY RESPONSE : 20 - 20,000 Hz
- OPEN CIRCUIT SENSITIVITY : - 56 dB  $\pm$  3dB / microbar
- IMPEDANCE : 1,500 $\Omega$   $\pm$  30%
- MAXIMUM INPUT SOUND LEVEL : 110 dB SPL, 1 kHz at 1% T.H.D.
- DYNAMIC RANGE : 79 dB, 1 kHz at Max SPL
- SIGNAL-TO-NOISE RATIO : 63 dB, 1 kHz at 1Pa
- OPERATING VOLTAGE : D.C. 1.5 V ~ 10 V ( RL = 2,200 $\Omega$ )
- DIMENSIONS :  $\phi$ 6.5 $\times$ 16 mm (NTO100)  
 $\phi$ 7.2 $\times$ 18 mm (NTO101)
- CLIP: NTO100=M, NTO101=M/M1/P

**NTO 102**

- ELEMENT : Back Electret-Condenser
- POLAR PATTERN : Omni-directional
- FREQUENCY RESPONSE : 20~20,000 Hz
- OPEN CIRCUIT SENSITIVITY : -66 dB  $\pm$  3dB / microbar
- IMPEDANCE : 1,500 $\Omega$   $\pm$  30%
- MAXIMUM INPUT SOUND LEVEL : 110 dB SPL, 1 kHz at 1% T.H.D.
- DYNAMIC RANGE : 79 dB, 1 kHz at Max SPL
- SIGNAL-TO-NOISE RATIO : 63 dB, 1 kHz at 1Pa
- OPERATING VOLTAGE : D.C. 1.5 V ~ 10 V ( RL = 2,200 $\Omega$ )
- MICROPHONE COLOR OPTIONAL : Skin, Black, Brown
- DIMENSIONS:  $\phi$ 5.0 $\times$ 13mm
- CLIP: R1 / R2

**NTO 103**

- ELEMENT : Electret - Condenser
- POLAR PATTERN : Omni-directional
- FREQUENCY RESPONSE : 20 - 16,000 Hz
- OPEN CIRCUIT SENSITIVITY : - 60 dB  $\pm$  3dB(0dB=1V/microbar)
- IMPEDANCE : 1,800 $\Omega$   $\pm$  30%
- MAXIMUM INPUT SOUND LEVEL : 110 dB SPL, 1 kHz at 1% T.H.D.
- DYNAMIC RANGE : 79 dB, 1 kHz at Max SPL
- SIGNAL-TO-NOISE RATIO : 63 dB, 1 kHz at 1Pa
- OPERATING VOLTAGE : D.C. 1.5 V ~ 10 V ( RL = 2,200 $\Omega$ )
- DIMENSIONS:  $\phi$ 8.0 $\times$ 16mm
- CLIP: P

