



# NXN8

## Handheld Vocal Microphone

In the Nexadyne 8 user guide, learn about using the NXN8/C and NXN8/S vocal microphones and RPW200, RPW202, RPW204, and RPW206 wireless capsules. With Revonic technology, Nexadyne 8 vocal microphones reduce handling noise for superior sound.

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# NXN8

## Handheld Vocal Microphone

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### General Description

Nexadyne™ 8 Dynamic Vocal Microphones are cardioid or supercardioid dynamic microphones for professional vocal performance. Nexadyne 8 microphones feature patented Shure Revonic™ dual-engine transducer technology, with two precisely calibrated transducers working together to achieve optimal performance. The result is a high performing microphone line that combines state-of-the-art acoustic signal processing, exceptional cardioid or supercardioid polar pattern linearity, and noise reduction. Built with the consistency, durability, and performance that only Shure can provide, the Nexadyne 8 ships with a discreet black finish and includes mic clip and carrying case.

The Nexadyne™ 8/C wireless cardioid dynamic vocal microphone capsule is available in black (RPW200) or nickel (RPW202) finishes clean and natural vocals that easily reach every corner of the venue. The Nexadyne™ 8/S wireless supercardioid dynamic vocal microphone capsule is available in black (RPW204) or nickel (RPW206) finishes for focused and natural vocals that cut through to the very last row.

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### Revonic Transducer Technology

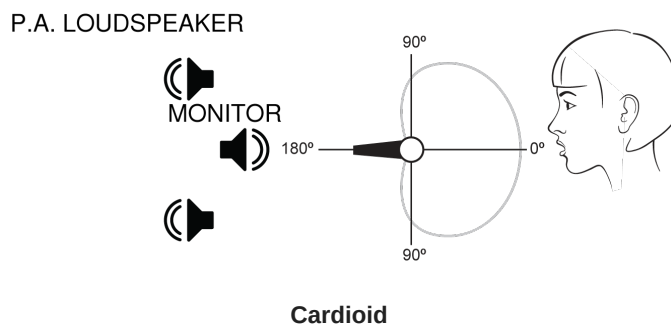
Revonic Technology uses two matched transducers to improve microphone performance. This provides natural and vivid clarity with an optimized and clear signal output. Revonic transducers provide several benefits:

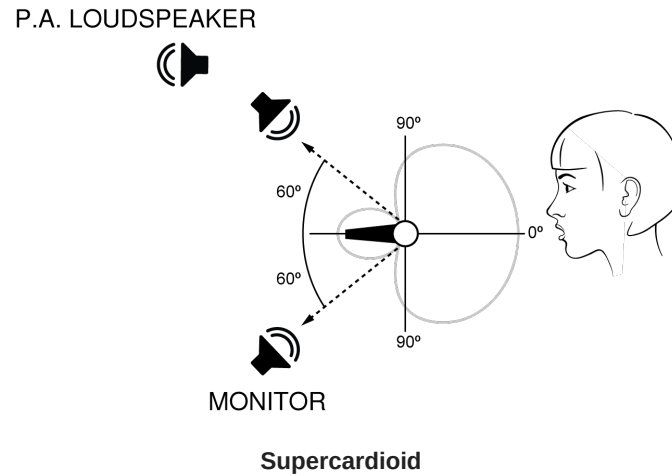
- minimized mechanical and handling noise
- reduced stage bleed
- stronger and clearer output

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### Placement

Place the microphone so that unwanted sound sources, such as monitors and loudspeakers, are directly behind it. To minimize feedback and ensure optimum rejection of unwanted sound, always test microphone placement before a performance.





## Load Impedance

For the microphone's signal to transfer well, the load/input impedance of your preamplifier should be at least 1000  $\Omega$ . Most modern microphone preamplifiers meet this requirement.

## Specifications

### Type

Dynamic (moving coil)

### Polar Pattern

<b>NXN8/C:</b>	Cardioid
<b>NXN8/S:</b>	Supercardioid
<b>RPW200 and RPW202</b>	Cardioid
<b>RPW204 and RPW206</b>	Supercardioid

### Frequency Response

50 to 20,000 Hz

### Output Impedance

<b>NXN8/C</b>	300 $\Omega$
<b>NXN8/S</b>	450 $\Omega$

### Sensitivity

*open circuit voltage, @ 1 kHz, typical*

<b>NXN8/C</b>	-54.0 dBV/Pa[1]
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<b>NXN8/S</b>	-51.0 dBV/Pa[1]
<b>RPW200 and RPW202</b>	-45.0 dBV/Pa[1]
<b>RPW204 and RPW206</b>	-43.0 dBV/Pa[1]

### Polarity

Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3

### Weight

<b>NXN8/C</b>	258 g (0.57 lb)
<b>NXN8/S</b>	294 g (0.65 lb)
<b>RPW200 and RPW202</b>	155 g (5.5 oz)
<b>RPW204 and RPW206</b>	185 g (6.5 oz)

### Connector

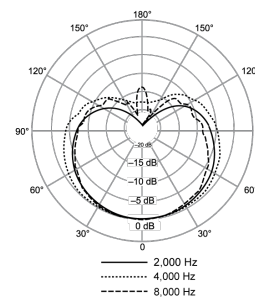
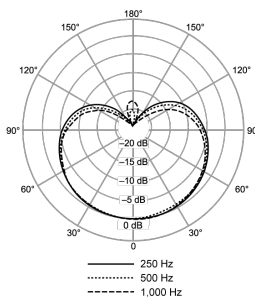
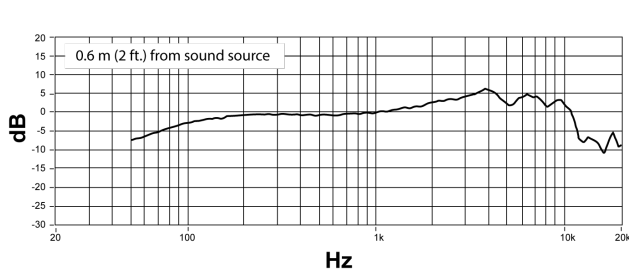
For NXN8/C and NXN8/S

Three-pin professional audio (XLR), male

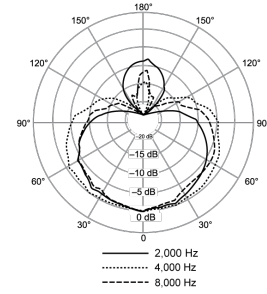
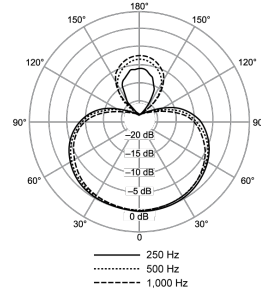
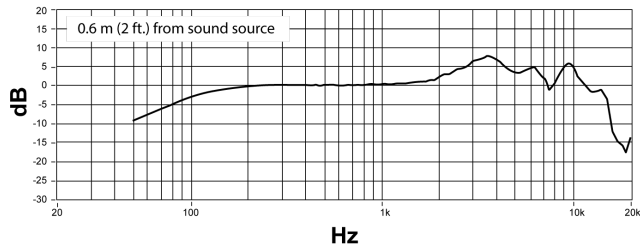
### Housing

<b>NXN8/C and NXN8/S</b>	Die-cast aluminum with Black Paint
<b>RPW200, RPW202, RPW204, RPW206</b>	Aluminum and steel grille

[1] 1 Pa=94 dB SPL



Nexadyne 8/C



Nexadyne 8/S

## Furnished Accessories

<b>A25E</b>	Mic Clip/Swivel Adapter
<b>ANXNC</b>	Wired Case for NXN XLR HH Microphone
<b>31B1856</b>	Brass Adapter