

## DPA 4099-DC-1-101-S D:VOTE CORE 4099 MICROPHONE LOUD SPL WITH CLIP FOR SAXOPHONE

509,00 € tax included

Reference: DP4099-DC-1-199-S



DPA 4099-DC-1-101-S D:VOTE CORE 4099  
MICROPHONE LOUD SPL WITH CLIP FOR  
SAXOPHONE

### Features:

- CORE by DPA technology inside
- Supercardioid condenser microphone
- Handles high SPLs
- Superior gain-before-feedback
- Flexible and easy mounting
- Gentle and easy to mount on the instrument
- Detachable cable and a versatile gooseneck extender

The d:vote™ CORE 4099 for Loud SPL is perfect for the entire saxophone family: soprano, alto, tenor or baritone. It also sounds great on the bass clarinet. It comes with a very versatile clip that can be used on all types of sax and brass instruments.

Users will appreciate how gently this condenser mic adheres to their prized instrument. It is elegant, lightweight, unobtrusive and designed to stay out of the way during performances. The mounting mechanism makes it easy to move the mic between instruments with just one hand.

Choose a d:vote™ CORE 4099S Instrument Microphone for Saxophone (4099-DC-1-199-S) for your soprano, alto, tenor or baritone saxophone or your bass clarinet.

### Specifications:

- Directional pattern Supercardioid
- Principle of operation Pressure gradient
- Cartridge type Pre-polarized condenser
- Frequency range 20 Hz - 20 kHz
- Frequency range,  $\pm 2$  dB, at 20 cm (7.9 in) 80 Hz - 15 kHz with 2 dB soft boost at 10-12 kHz
- Sensitivity, nominal,  $\pm 3$  dB at 1 kHz 6 mV/Pa' -44 dB re. 1 V/Pa
- Equivalent noise level, A-weighted Typ. 23 dB(A) re. 20  $\mu$ Pa (max. 26 dB(A))
- S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL) Typ. 71 dB(A)
- Total harmonic distortion (THD) - Dynamic range Typ. 108 dB
- Max. SPL, peak before clipping 142 dB
- Output impedance From MicroDot: 30 - 40  $\Omega$ . From DAD4099/DAD6001-BC: 100  $\Omega$

- Cable drive capability Up to 300 m (984 ft) with DAD4099 or DAD6001-BC XLR Adapter
- Output balance principle Signal balanced with DAD4099 or DAD6001-BC XLR Adapter
- Common mode rejection ratio (CMRR) > 60 dB from 50 Hz to 15 kHz with DAD4099 or DAD6001-BC XLR Adapter
- Power supply (for full performance) Min. 5 V to max. 50 V through DPA adapter for wireless systems
- Current consumption Typ. 1.5 mA (microphone). 3.5 mA with DAD4099 or DAD6001-BC XLR Adapter
- Connector MicroDot
- Color Black
- Weight 27 g (0.95 oz)
- Microphone diameter 5.4 mm (0.21 in)
- Microphone length 45 mm (1.8 in)
- Cable length 1.8 m (5.9 ft)
- Cable diameter 1.6 mm (0.06 in) / 2.2 mm (0.09 in)
- Polarity +V at MicroDot pin for positive sound pressure (and pin 2 on DAD4099 or DAD6001-BC XLR adapter)
- Temperature range -40°C to 45°C (-40°F to 113°F)
- Relative humidity (RH) Up to 90%
- Gooseneck length 140 mm (5.5 in)