

## DPA 4099-DC-2-201-D D:VOTE CORE 4099 MICROPHONE EXTREME SPL WITH CLIP FOR DRUM

**498,00 € tax included**

Reference: DP4099-DC-2-201-D



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MICROPHONE EXTREME SPL WITH CLIP FOR  
DRUM

### 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 Extreme SPL perfectly captures the booming sounds of drums and percussion instruments. Users will appreciate how gently this condenser mic adheres to their prized instrument. The mic can be easily positioned to fit different types of drums. The flexible gooseneck can be positioned at different angles to allow a variety of sound nuances. The mic is elegant, lightweight, unobtrusive and designed to stay out of the way during performances.

### 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 2 mV/Pa' -54 dB re. 1 V/Pa
- Equivalent noise level, A-weighted Typ. 28 dB(A) re. 20  $\mu$ Pa (max. 31 dB(A))
- S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL) Typ. 66 dB(A)
- Total harmonic distortion (THD) - Dynamic range Typ. 109 dB
- Max. SPL, peak before clipping 152 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 28 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)