

## DPA 4099-DC-2-199-T D:VOTE CORE 4099 MICROPHONE EXTREME SPL WITH CLIP FOR TRUMPET

**520,00 € tax included**

Reference: DP4099-DC-2-199-T



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MICROPHONE EXTREME SPL WITH CLIP FOR  
TRUMPET

### 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 is perfect for trumpet, trombone and other brass instruments that can make a lot of sound. You can use it with or without mute. The microphone effortlessly handles even the highest sound pressure levels.

An innovative mounting mechanism makes it easy to move the microphone between instruments with just one hand. The microphone and its mounting system are both designed and optimized for the brass family. This ensures that the best mounting and audio reinforcement is achieved when performing live.

Choose a d:vote™ CORE 4099T Instrument Microphone for Brass (4099-DC-2-199-T) for your trumpet, trombone and brass in general.

### 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)