

## DPA 4099-DC-1-101-A D:VOTE CORE 4099 STEREO MICROPHONE LOUD SPL WITH CLIP FOR ACCORDION 2 MIC

**1.111,00 € tax included**

Reference: DP4099-DC-1-101-A



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### 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

This mic solution makes it easy to achieve a high level of isolation on stage. It also provides clean and transparent stereo sound quality with realistic dynamics. It is a complete system, which includes a pair of d:vote™ CORE 4099s for Loud SPL selected on sensitivity within  $\pm 1.5$  dB. The two included mic clips can be attached permanently to the instrument using screws.

Choose a d:vote™ CORE VO4099A Stereo Microphone System for Accordion (4099-DC-1-101-A).

### 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)