

d:vote™

Instrument Microphones

The d:vote™ Instrument Microphone series features a low profile, rugged design optimized for stage and broadcast. The line features both heavy duty and lightweight cables depending on the application. The integrated goosenecks provide easy and repeatable mounting. The supercardioid capsules provide excellent off-axis rejection and come with built-in windscreens for use in blustery surroundings. The d:vote™

series features an advanced shock mount system, which provides excellent isolation from handling noise and rumble. For example, the d:vote™ 4099V is for mounting on a violin, and the d:vote™ 4099P mounts magnetically to the frame of a piano. A wide range of instrument and universal mounts cover the rest of the band. The d:vote™ series also comes in specially designed rock and classical kits.



4099A Instrument Microphone Stereo Kit for Accordion



Key features

The d:vote™ Stereo Microphone System for Accordion is a solution that makes it easy to achieve a high level of isolation on stage. The mics feature supercardioid polar patterns for superior gain-before-feedback. They offer extremely natural sound and are fully capable of handling the accordion's dynamic range. The solution also provides

clean and transparent stereo sound quality with realistic dynamics. It is a complete system, which includes a pair of sensitivity-selected d:vote™ Instrument Microphones on goosenecks. The mic clips can be attached permanently to the instrument using screws or temporarily using adhesive tape.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal, ±3 dB at 1 kHz

6 mV/Pa; -44.5 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

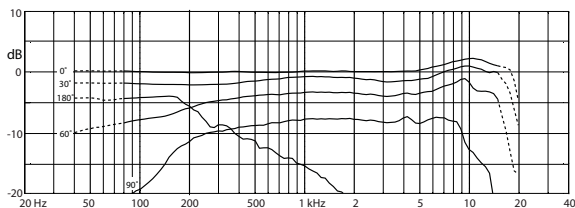
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



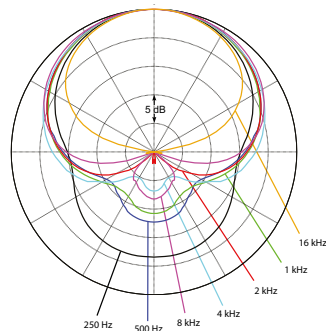
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

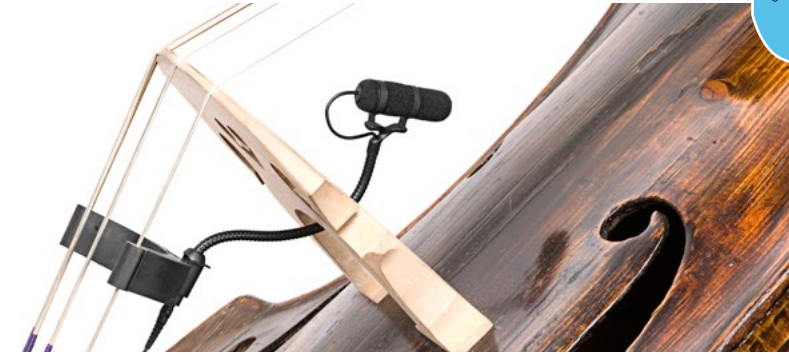
● VO4099A

Polar pattern

Directional characteristics (normalized)



4099B Instrument Microphone for Bass



Key features

Perfect for live use, especially for acoustic upright bass, the d:vote™ 4099B captures the instrument more naturally than an internal mic or pick-up. Capable of handling the double bass's dynamic range and subtle details, the mic features a supercardioid polar pattern for excellent gain-before-feedback. It can easily be moved or mounted with

an optional gooseneck extension allowing it to be perfectly placed in front of the f-holes of the instrument. The mic uses a standard XLR connector and is compatible with virtually any wireless system. The d:vote™ 4099B comes with the heavy duty 2.2 mm (0.09 in) cable, which is ideal for PA and live gigs.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal, ±3 dB at 1 kHz

6 mV/Pa; -44.5 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

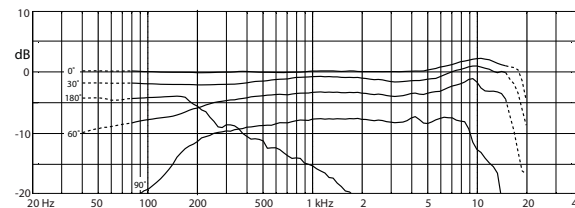
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



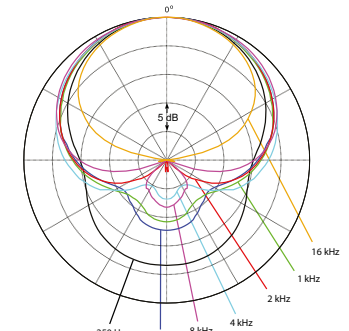
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

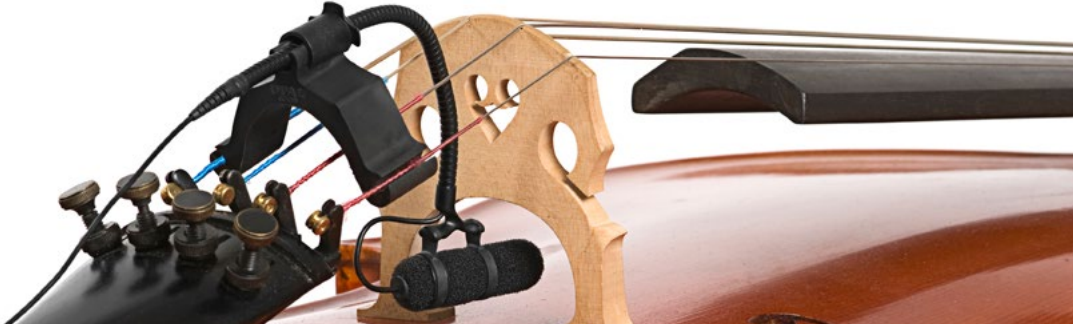
● VO4099B

Polar pattern

Directional characteristics (normalized)



4099C Instrument Microphone for Cello



Key features

Targeted for use with a cello, the d:vote™ 4099C Instrument Microphone is ideal for PA amplification or live recordings, capturing all the instrument's dynamic range and subtle details. The mic features a linear supercardioid polar pattern for superior gain-before-feedback. The

provided gooseneck and an optional gooseneck extension unit offers stable, flexible and repeatable positioning. The d:vote™ 4099C comes with the heavy duty 2.2 mm (0.09 in) cable, which is ideal for PA and live gigs.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz, second

order low-cut filter at 80 Hz with DAD4099-BC

Sensitivity, nominal, ±3 dB at 1 kHz

6 mV/Pa; -44.5 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems

or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

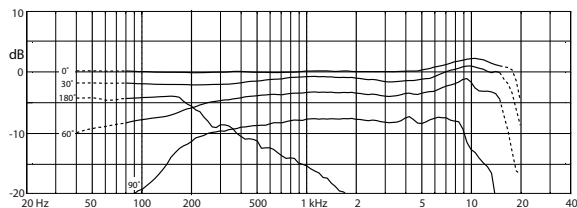
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



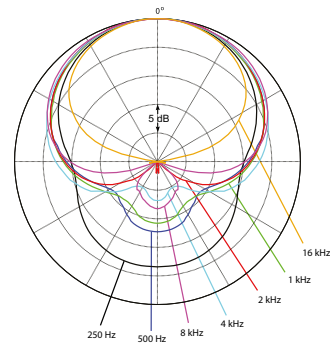
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

● VO4099C

Polar pattern

Directional characteristics (normalized)



4099CM Instrument Microphone with Clamp Mount



Key features

The d:vote™ Instrument Microphone with Clamp Mount is designed to be a flexible, easy to use mounting solution that is quick to move. With a strong spring, the mount can be clamped onto many surfaces and instruments such as saxophones and brass instruments. The versatile gooseneck provides stable and repeatable positioning. The

mic can be easily unclipped and repositioned or moved to another instrument. The mounting system is designed to never blemish or scratch the finish of your instrument. The flexible design supports a wide variety of mounting and positioning possibilities.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal, ±3 dB at 1 kHz

6 mV/Pa; -44.5 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems

or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

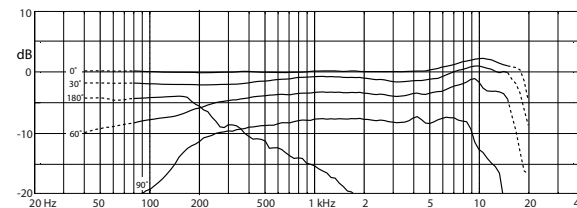
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



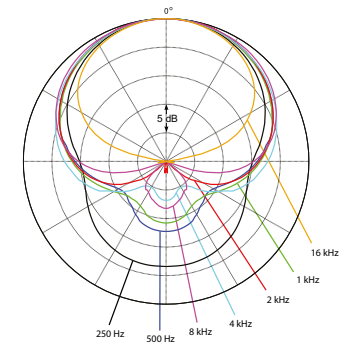
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

● VO4099CM

Polar pattern

Directional characteristics (normalized)



4099D Instrument Microphone for Drum



Key features

Specially designed to be used with instruments providing higher SPL, d:vote™ 4099D Instrument Microphone offers accurate dynamics and high quality audio capture for drums and percussion instruments. The flexible clip-on system and gooseneck provides fast, stable

and repeatable positioning at different angles. The mic handles an impressive 152 dB SPL while accurately capturing transients and the full sonic range of the instrument. The d:vote™ 4099D comes with the heavy duty 2.2 mm (0.09 in) cable, which is ideal for PA and live gigs.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal ±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 µPa (max. 31 dB(A))

S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 66 dB(A)

Dynamic range

Typ. 95 dB

Max. SPL, peak before clipping

152 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

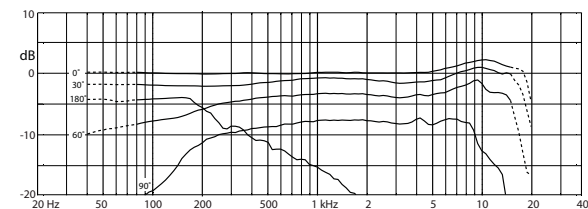
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



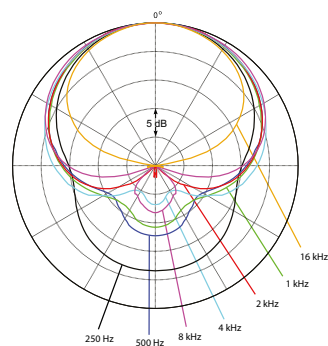
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

● VO4099D

Polar pattern

Directional characteristics (normalized)



4099G Instrument Microphone for Guitar



Key features

Perfect for PA and live recording of acoustic guitar, mandolin, ukulele and dobro, the d:vote™ 4099G Instrument Microphone offers nearly unlimited placement options and captures the instrument more naturally than an internal microphone or pick-up. The mic fits instruments with a body depth between 35 mm (1.4 in) or 122 mm

(4.8 in) and features a uniform supercardioid polar pattern providing excellent reproduction and superior gain-before-feedback. Compatible with virtually any wireless system, the mic features an optional gooseneck extension for even more placement options. The d:vote™ 4099G is delivered with a thin but robust, easy-to-hide cable.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz, second order low-cut filter at 80 Hz with DAD4099-BC

Sensitivity, nominal, ±3 dB at 1 kHz

6 mV/Pa; -44.5 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD4099-BC XLR adapter

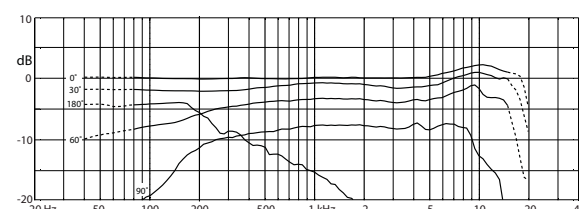
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



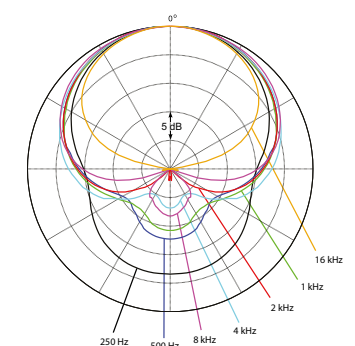
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

● VO4099G

Polar pattern

Directional characteristics (normalized)



4099P Instrument Microphone Stereo Kit for Piano



Key features

Targeted for use with a grand piano, the d:vote™ 4099P Instrument Microphone makes it easy to achieve a high level of isolation, perfect in closed-lid scenarios in a live setting. The system includes a pair of sensitivity-selected d:vote™ 4099 Instrument Microphones on

goosenecks with magnetic mounts and offers an optional gooseneck extension unit. The d:vote™ 4099P Instrument Microphone is compatible with virtually any wireless system and comes with thin but robust cables that are easily detachable.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal ±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 µPa (max. 26 dB(A))

S/N ratio (A-weighted), re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

Connector

MicroDot/XLR 3-Pin

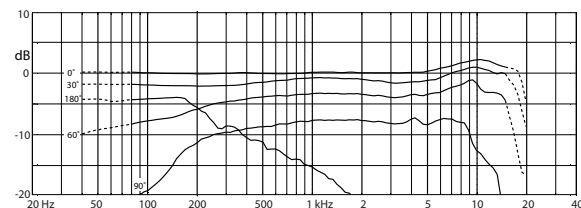
Cable length

1.8 (6 ft)

Sensitivity selection tolerance (at 1 kHz)

±1 dB

Frequency response



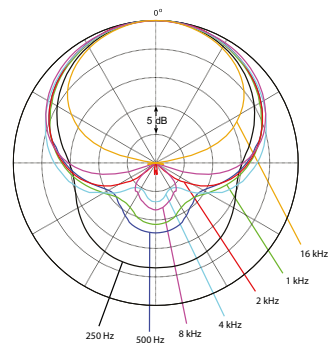
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

VO4099P

Polar pattern

Directional characteristics (normalized)



4099S Instrument Microphone for Saxophone



Key features

The d:vote™ 4099 Instrument Microphone and mounting system is specifically designed and optimized for the saxophone family. The mic fits soprano, alto, tenor or baritone saxes providing exceptional gain-before-feedback and a wide range of tonal possibilities. Fully capable of

handling any saxophone's dynamic range and timbre, the mic is compatible with virtually any wireless system. The d:vote™ 4099S Instrument Microphone offers an optional gooseneck extension unit and comes with a thin, robust and detachable cable that is easy to conceal.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz, second order low-cut filter at 80 Hz with DAD4099-BC

Sensitivity, nominal, ±3 dB

6 mV/Pa; -44 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD4099-BC XLR adapter

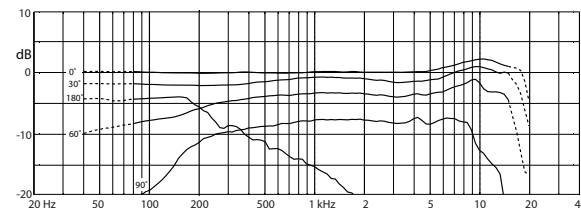
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



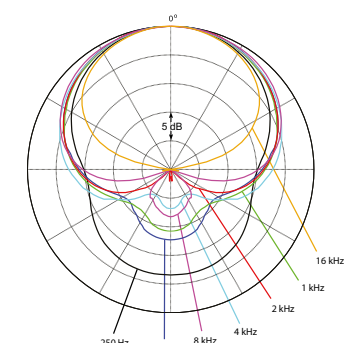
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

VO4099S

Polar pattern

Directional characteristics (normalized)



4099SM Instrument Microphone with Stand Mount



Key features

Even though the d:vote™ Instrument Microphone is often used attached directly to a specific instrument, many users have asked for a solution to mount the mic on a regular microphone stand. Now you can get the unparalleled sound of the d:vote™ Instrument Microphone easily mounted on a mic stand. This mount has a 3/8" thread

that also fits smoothly with our elegant floor stand series. The top of the holder has a 360° turn-around option on a ball joint. The versatile gooseneck provides stable and repeatable positioning. The mic can be easily unclipped and repositioned or moved to another mic stand (or instrument with the right clip).

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal, ±3 dB at 1 kHz

6 mV/Pa; -44.5 dB re. 1 V/Pa

Equivalent noise level, A-weighted

Typ. 23 dB(A) re. 20 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

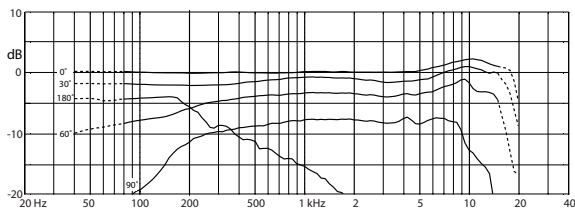
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



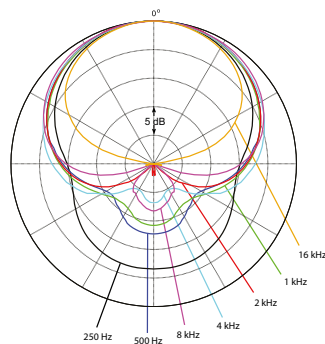
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

● VO4099SM

Polar pattern

Directional characteristics (normalized)



4099T Instrument Microphone for Brass



Key features

An ideal tool for capturing trumpet, trombone and other brass instruments, with or without mute, the d:vote™ 4099T Instrument Microphone effortlessly handles even the highest sound pressure levels. It features a supercardioid polar pattern for superior gain-before-

feedback, and an easy-to-mount flexible design offering a wide variety of mounting and placement options. The mic is compatible with virtually any wireless system, offers an optional gooseneck extension unit and comes with a thin and robust detachable cable.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz, second order low-cut filter at 80 Hz with DAD4099-BC

Sensitivity, nominal, ±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 µPa (max. 31 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 66 dB

Dynamic range

Typ. 95 dB

Max. SPL, peak before clipping

152 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD4099-BC XLR adapter

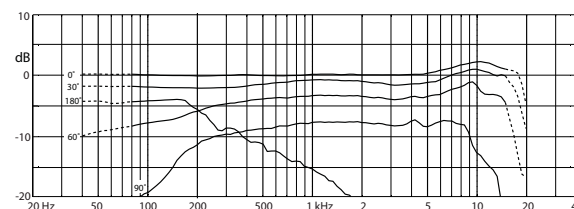
Connector

MicroDot/XLR 3-Pin

Microphone length

45 mm (1.8 in)

Frequency response



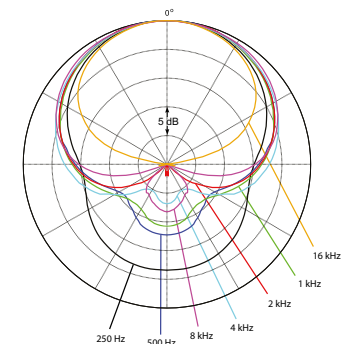
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

● VO4099T

Polar pattern

Directional characteristics (normalized)



4099U Instrument Microphone, Universal



Key features

The d:vote™ 4099U Instrument Microphone is especially designed to address the unique mounting challenges of slim-bodied and unusually shaped instruments. The microphone clip includes a hook-and-loop fastener strap, which allows the holder to fit instruments of varying sizes and diameters such as oboe, clarinet, bassoon, recorder and flute.

The microphone features a supercardioid polar pattern for superior gain-before feedback and is compatible with virtually any wireless system. d:vote™ 4099U Instrument Microphone features an optional gooseneck extension unit, and is an apt choice for underhead cymbal miking.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz

Sensitivity, nominal, ±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 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD6001-BC XLR adapter

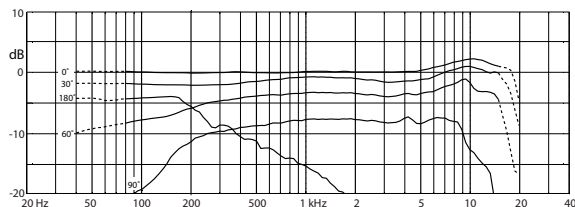
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



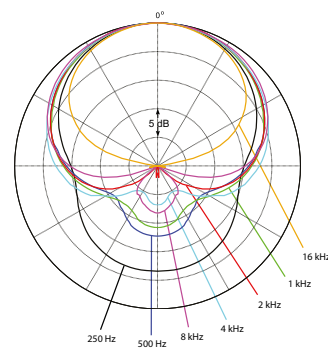
Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

VO4099U

Polar pattern

Directional characteristics (normalized)



4099V Clip Microphone for Violin



Key features

Ideal for the violin, banjo and viola, the d:vote™ 4099V Instrument Microphone fits instruments with a body depth between 35 mm (1.4 in) and 55 mm (2.1 in). The microphone and mounting system is specifically designed and optimized for the string family with a versatile gooseneck providing stable

and repeatable positioning. The mic is compatible with virtually any wireless system and features a supercardioid polar pattern for superior gain-before-feedback. The d:vote™ 4099V Instrument Microphone offers an optional gooseneck extension unit and comes with a thin and robust cable.

Specifications

Directional characteristics

Supercardioid

Frequency range, ±2 dB, 20 cm (7.9 in) distance

80 Hz to 15 kHz with 2 dB soft boost at 10 to 12 kHz, second order low-cut filter at 80 Hz with DAD4099

Sensitivity, nominal, ±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 µPa (max. 26 dB(A))

S/N ratio, re. 1 kHz at 1 Pa (94 dB SPL)

Typ. 71 dB

Dynamic range

Typ. 100 dB

Max. SPL, peak before clipping

142 dB

Power supply (for full performance)

Min. 5 V to max. 50 V through DPA adapter for wireless systems or 48 V phantom power ±4 V with DAD4099-BC XLR adapter

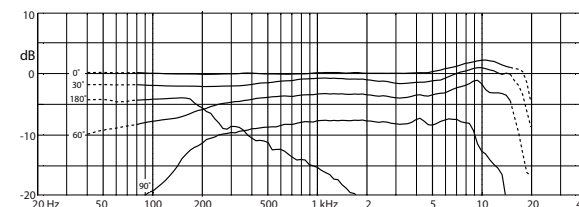
Connector

MicroDot/XLR 3-Pin

Cable length

1.8 m (6 ft)

Frequency response



Typical on- and off-axis frequency of d:vote™ at 20 cm (7.9 in) distance

Order number:

VO4099V

Polar pattern

Directional characteristics (normalized)

