



## MCE 55 HELIX

Miniature condenser microphone with innovative mounting for instruments.

**beyerdynamic** 

Choosing an appropriate microphone that reproduces your sound faithfully during performances or in studio recordings is only part of the problem: Microphone placement is the other and should be considered an art form - especially when it comes to wind instruments.

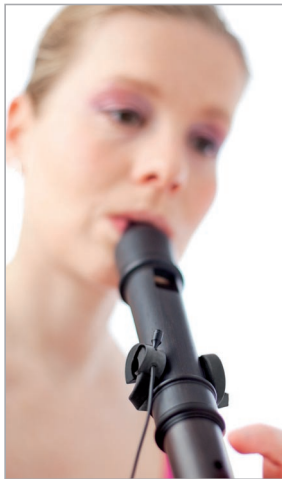
Does experimenting with all sorts of fixing methods including specially formed plastic coated wire clips, rubber bands, masking tape and Blu-Tack sound familiar?

Problem solved: with the MCE 55 Helix you get excellent sound, flexible mounting methods and the freedom to move around with this clever new mounting device and lavalier microphone all in one package. The MCE 55 Helix can easily be attached to all kinds of instruments, which are often awkward to microphones.

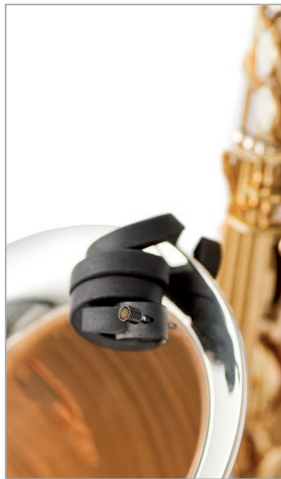
Go ahead, explore the possibilities.



APPLICATIONS



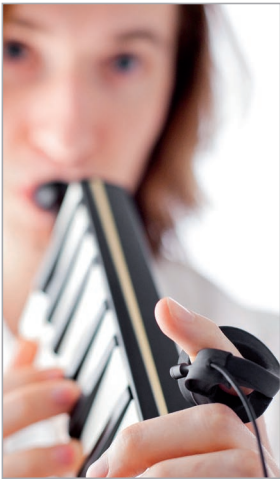
Miking a flute close to the mouthpiece of the instrument



MCE 55 Helix mounted on the bell of wind instruments



MCE 55 Helix mounted at the opening of the resonance chamber



Finger mounting



Twist the Helix and you get a clamp

The MCE 55 Helix is an omnidirectional microphone - it picks up the sound from all directions. Therefore, the positioning of the microphone is very easy - you don't have to worry about the directional position of the microphone capsule. Just make sure the microphone is as close as possible to the sound source. And with the 3 different Helix mounts included, you will always find a position that fits.

Wired or wireless? Your choice.

For maximum mobility, simply connect the MCE 55 Helix to a bodypack transmitter of our Opus wireless series.

Or, if you prefer a wired solution, connect the MCE 55 Helix via the CV 18 phantom power adapter (optional) to a phantom powered microphone input of a mixer or an audio interface.



## FEATURES

- High performance miniature condenser microphone (omnidirectional)
- Natural reproduction, absolute studio quality
- 4-pin female mini XLR connector

## TECHNICAL SPECIFICATIONS

Transducer type	Condenser (electret)
Frequency response	20 - 20,000 Hz
Polar pattern	Omnidirectional
Open circuit voltage at 1 kHz (0 dB = 1 V/Pa)	4.5 mV/Pa
Max. SPL	130 dB SPL

Dimensions:	
Head diameter	5.2 mm
Length	12.7 mm
Cable length	1.2 m
Weight	approx. 29 g (depending on the holder)

## CONTENT



The MCE 55 Helix includes a MCE 55.18 lavalier microphone, 3 different Helix mounting devices and a softbag.

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