

Using the Beyerdynamic OM304 US with Phoenix Stingray

The Classis OM 304 gooseneck microphone is designed for ceiling mounting. The microphone has a short flexible gooseneck with an 8 metre (25 ft.) cable for any hanging application, the cable can be easily shortened for optimal positioning.

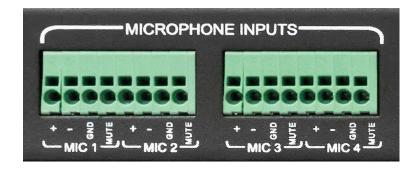


Beyerdynamic Classis OM304 Specifications Microphone Sensitivity: 17 mV/PA Dynamic Range: 107 dB-A Require Phantom Power: 8-52V

Recommended Mic Sensitivity Ceiling Mount: 26 dB Loud Speaker Output: 22 dB

1) The microphone should be connected to to the "microphone input" port of the Stingray. Note on the beyerdynamic mic, Audio + and Audio - with the Shield being ground.





Setting the Stingray

The Stingray's mixer should be assigned to the mic mixer. The setting can be selected either via the device front panel or through the Stingray's setup GUI. **NOTE: Mic Mixer is the Default on the Stingray.**

Stingray Front Panel :

1) From the front panel enter into the menu

1. primary/se 2. automatic	condary selection mixer selection he input setting	< Enter
5. microphol		

2) Scroll down to the second menu item which is the "automatic mixer selection".3) Select it, and in it select "mix microphone input".

☐mix microphone input ☐mix line input	F
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Stingray GUI:

1) Select the primary unit and then click on "edit primary parameters".

EDIT DEVICES Please select from one of the devices below Image: Device below Image: Device below Image: Device below Image: Device below Image: Device below	STINGRAY CONFIGURATION	
EDIT DEVICE Unit #1		elow
Unit #1	PRIMARY	
Primary Set as Secondary Edit Primary Parameters	Primary Stingray	Unit #1

2) In the next screen you should select MIC MIXER.

¢	STINGRAY CON	IFIGURATION
	Please select from one	of the devices below
	MIC MIXER	LINE MIXER
	Enabled	Disabled
	Ψ	」)
		SPEAKER
	MICROPHONE	SPEARER

3) Select the Microphone button to adjust microphone sensitivity. You can also view the microphone levels from this screen.

EDIT MICROP	HONE SENSIT	IVITY	(
Volume 38 dB			-
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Beyerdynamic Classis OM 304 US Ceiling Microphone - Tested Configurations

1) Ceiling Mount

Challenges:

• When testing the OM 304 microphone, there was issues when the speaker volume out is set at high levels.

Solutions:

• When using in a setting with loud speaker volume output, it is recommended to adjust the microphone sensitivity setting to 22 dB.