



# DYNAMIC STUDIO MICROPHONE

SZ-DB30

USER MANUAL

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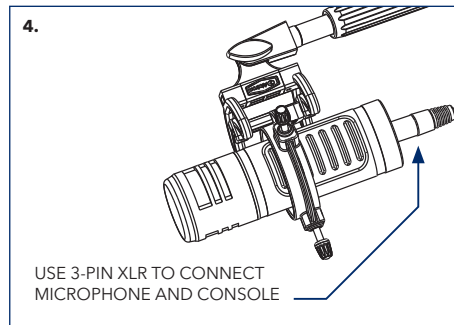
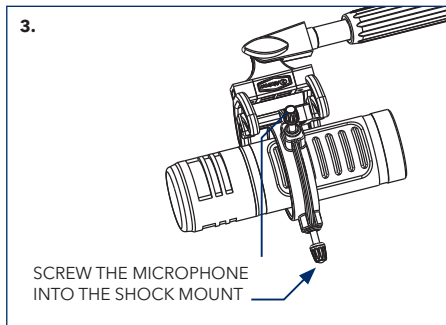
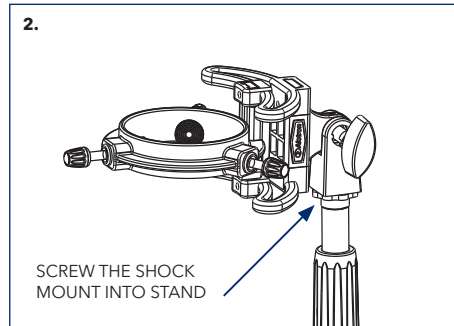
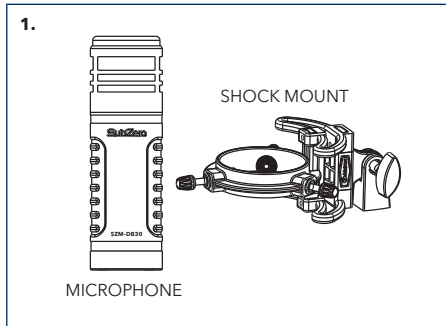
## INTRODUCTION

Thank you for purchasing the SubZero DB30 Dynamic Studio Microphone. To get the most out of your new product, please read this manual carefully.

## FEATURES

- Hyper-Cardioid Polar Pattern
- High Quality Capsule with Dual Direction Anti-Vibration Technology
- Low range roll-off switch
- Mid range emphasis switch
- Bespoke Shock Mount
- Foam Grille Cover

## SETUP



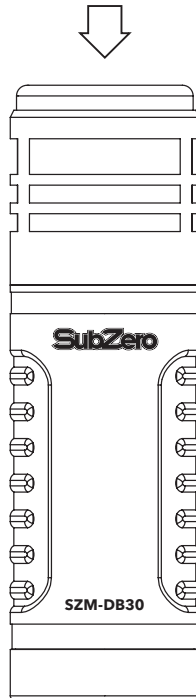
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## SWITCHES



## CAPSULE DIRECTION

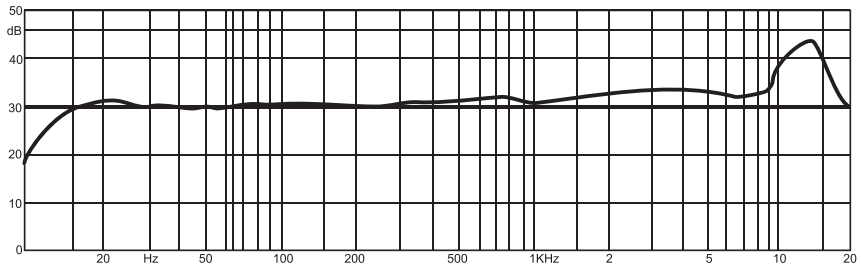
The microphone picks up sound from the top grille. Ensure this part of the microphone is facing towards the sound source.



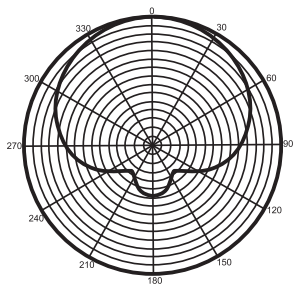
## MICROPHONE PLACEMENT GUIDE

APPLICATION	SUGGESTED MICROPHONE PLACEMENT	TONE QUALITY
Vocals	Lips less than 15cm (6in.) away or touching the Windscreen, on axis to microphone.	Robust sound, emphasized bass, maximum isolation from other sources.
	15 to 60cm (6in. to 2ft.) away from mouth, just above nose height.	Natural sound, reduced bass.
	20 to 60cm (8in. to 2ft.) away from mouth, slightly off to one side.	Natural sound, reduced bass and minimal "s" sounds.
	90cm to 1.8m (3 to 6ft.) away.	Thinner, distant sound; noticeable levels of ambient noise.
Guitar & Bass Amplifiers	2.5cm (1in.) from speaker, on-axis with centre of speaker cone.	Sharp attack; emphasised bass.
	2.5cm (1in.) from speaker, at edge of speaker cone.	Sharp attack; higher frequency sound.
	15 to 30cm (8 to 12in.) away from speaker and on-axis with speaker cone.	Medium attack; full, balanced sound.
	60 to 90cm (2 to 3ft.) back from speaker, on-axis with speaker cone.	Softer attack; reduced bass.

## FREQUENCY RESPONSE



## POLAR PATTERN



Hyper cardioid at 1kHz

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## **SPECIFICATIONS**

Capsule Type.....	Dynamic
Polar Pattern .....	Hyper Cardioid
Sensitivity.....	-56dB+3dB
Output Impedance .....	250ohms
Switches.....	low cut, mid emphasis
Connector.....	3 pin XLR
Weight .....	675g
Dimensions .....	Height: 172mm / Width: 53mm / Depth: 53mm

If you have any more questions about this product, please do not hesitate to contact the Gear4music Customer Service Team on: **+44 (0) 330 365 4444** or **[info@gear4music.com](mailto:info@gear4music.com)**