

## Shure PGA58 Dynamic Wired Microphone



# Shure PGA58 Dynamic Wired Microphone User Guide

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# SHURE

**Shure PGA58 Dynamic Wired Microphone**



## PG ALT TMA SERIES WIRED MICROPHONE

### PGA 58 USER GUIDE



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**PGA58**

**PG Alta Microphones**

Congratulations on the purchase of a new Shure PG Alta series microphone. The PG Alta series delivers professional quality audio at an affordable price, with solutions for capturing nearly any source, including voice, acoustic instruments, drums, and amplified electric instruments. Suitable for live and studio applications, PG Alta microphones are built to last, and meet the same rigorous quality testing standards that make all Shure products trustworthy and reliable.

## General Rules for Use

- Do not cover any part of the microphone grille with your hand, as this will adversely affect microphone performance.
- Aim the microphone toward the desired sound source (such as the talker, singer, or instrument) and away from unwanted sources.
- Place the microphone as close as practical to the desired sound source.
- Work close to the microphone for extra bass response.
- Use only one microphone to pick up a single sound source.
- For better gain before feedback, use fewer microphones.
- Keep the distance between microphones at least three times the distance from each microphone to its source ("three to one rule").
- Place microphones as far as possible from reflective surfaces.
- Add a windscreen when using the microphone outdoors.
- Avoid excessive handling to minimize pickup of mechanical noise and vibration.

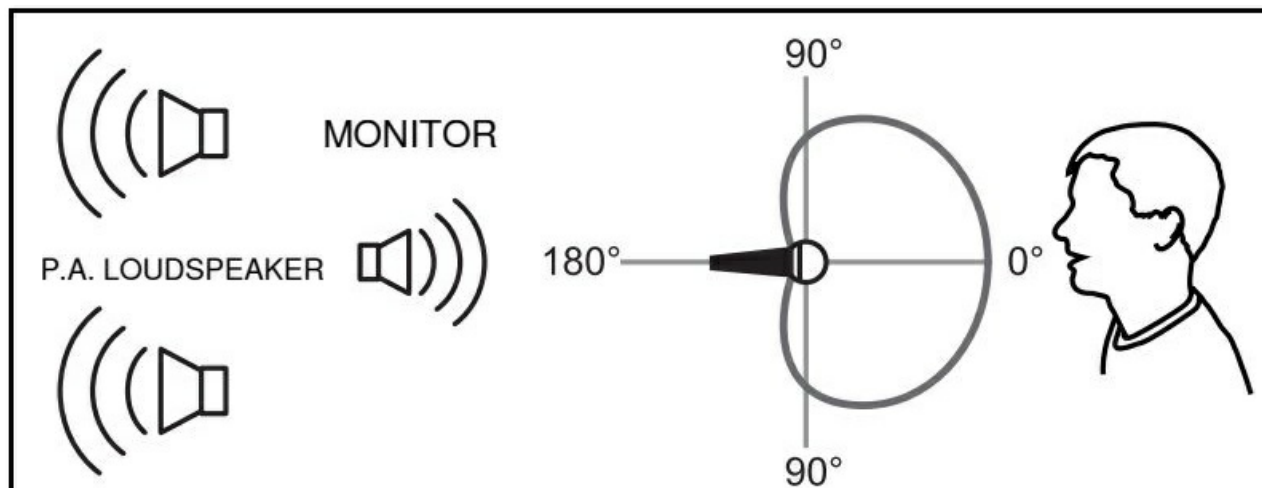
## Proximity Effect

Directional microphones progressively boost bass frequencies as the microphone is placed in closer proximity to the source. This phenomenon, known as proximity effect, can be used to create a warmer, more powerful sound.

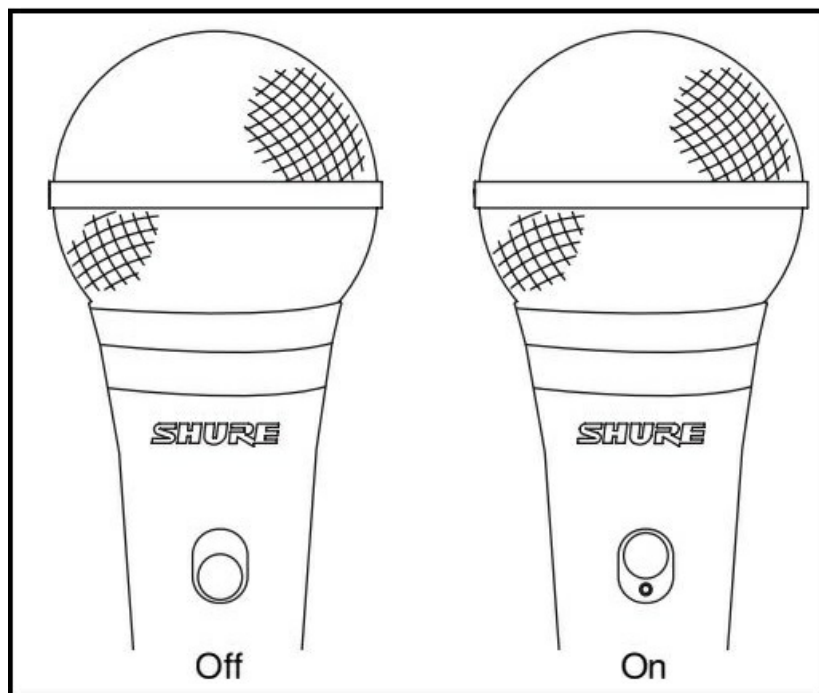
## Avoiding Pickup of Unwanted Sound Sources

Place the microphone so that unwanted sound sources, such as monitors and loudspeakers, are directly behind it. To minimize feedback and ensure optimum rejection of unwanted sound, always test microphone placement before a performance.

## Recommended Loudspeaker Locations for Cardioid Microphones



## On/Off Switch



## Specifications

Parameter	Details
Type	Dynamic (moving coil)
Frequency Response	50 to 16,000 Hz
Polar Pattern	Cardioid
Output Impedance	150 $\Omega$
Sensitivity	-55 DVB/Pa <sup>1</sup> (1.79 mV) at 1 kHz, open circuit voltage
Polarity	Positive pressure on the diaphragm produces positive voltage on pin 2 concerning pin 3
Weight	294 g (10.37 oz.)
Switch	On/Off Switch
Connector	Three-pin professional audio (XLR), male
Environmental Conditions	Operating Temperature: -20° to 165°F (-29° to 74°C)
	Relative Humidity: 0 to 95%

## Optional Accessories and Replacement Parts

Product	Description
Microphone Clip	A25D
5/8" to 3/8" Thread Adapter	31A1856
7.6 m (25 ft.) Cable (XLR-XLR)	C25J
TRIPLE-FLEX® Cable and Plug 7.6 m (25 ft.)	C25F
Grille	RPMP58G
PGA58 Replacement Grille	RPM150

## Certifications

This product meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

The CE Declaration of Conformity can be obtained from: [www.shure.com/europe/compliance](http://www.shure.com/europe/compliance)

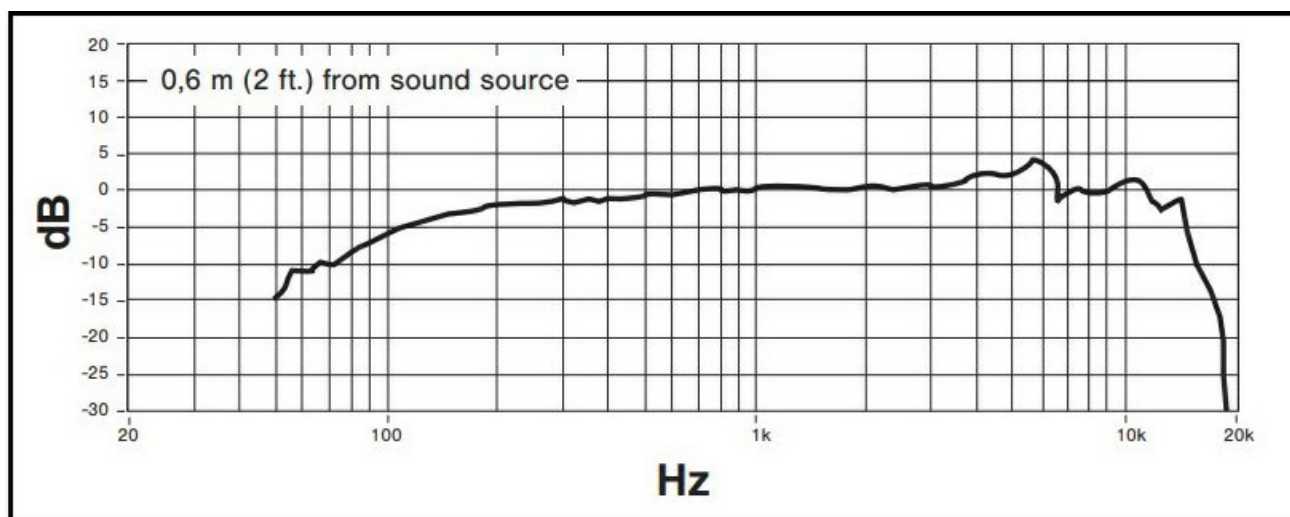
- **Authorized European representative:**

- Shure Europe GmbH

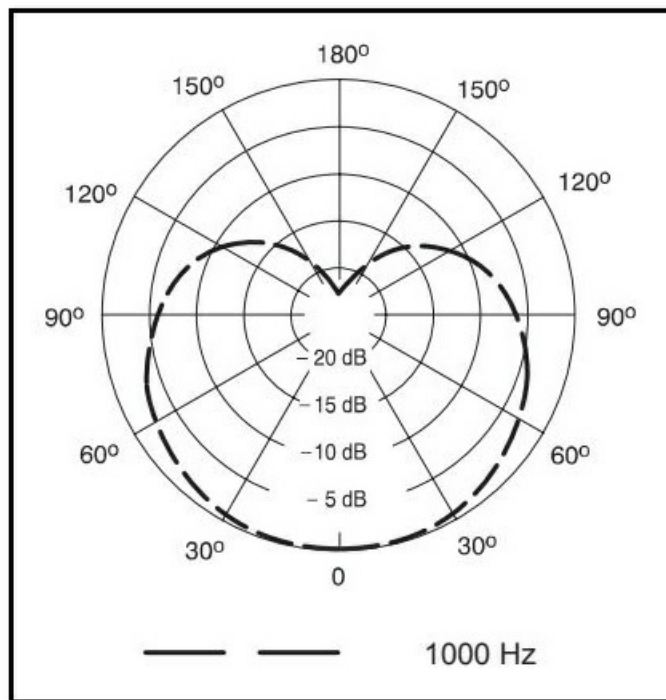
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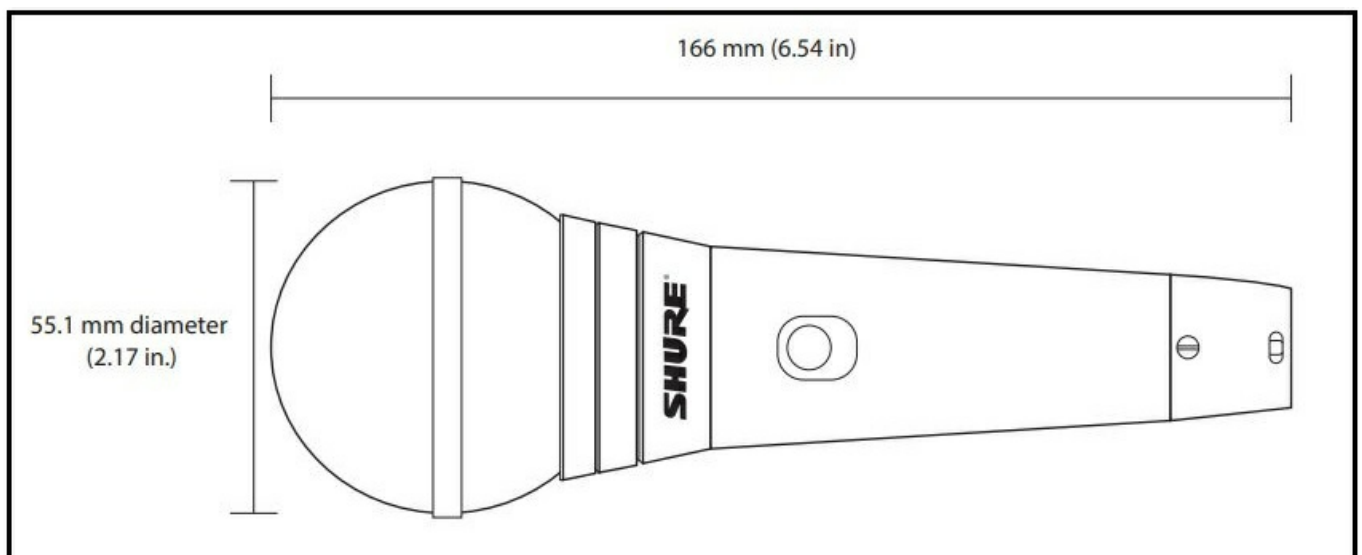
## Typical Frequency Response



## Typical Polar Pattern



## Overall Dimensions



## Contact Information

United States, Canada, Latin America, Caribbean:

**Shure Incorporated**

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## Shure Europe GmbH

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- **Website:** [www.shureasia.com](http://www.shureasia.com)

## Frequently Asked Questions

What is the recommended use for the Shure PGA58 microphone?

The Shure PGA58 microphone is suitable for various applications, including live performances, studio recordings, and capturing vocals, acoustic instruments, drums, and amplified electric instruments.

What type of microphone is the Shure PGA58?

The Shure PGA58 is a dynamic microphone with a cardioid polar pattern.

What is the frequency response of the Shure PGA58 microphone?

The frequency response of the Shure PGA58 microphone is from 50 Hz to 16,000 Hz.

Does the Shure PGA58 microphone have an on/off switch?

Yes, the Shure PGA58 microphone features an on/off switch for convenient control.

What is the output impedance of the Shure PGA58 microphone?

The output impedance of the Shure PGA58 microphone is 150 ohms.

How much does the Shure PGA58 microphone weigh?

The weight of the Shure PGA58 microphone is approximately 294 grams (10.37 ounces).

What type of connector does the Shure PGA58 microphone use?

The Shure PGA58 microphone uses a three-pin professional audio (XLR) male connector.

What are some optional accessories available for the Shure PGA58 microphone?

Optional accessories for the Shure PGA58 microphone include a microphone clip (A25D), a 5/8 inch to 3/8 inch thread adapter (31A1856), and various cables and replacement grilles.

Is the Shure PGA58 microphone certified for compliance with relevant European directives?

Yes, the Shure PGA58 microphone meets the Essential Requirements of all relevant European directives and is eligible for CE marking.

What makes the Shure PGA58 microphone suitable for live performances?

The Shure PGA58 microphone offers robust construction, high gain before feedback, and a cardioid polar pattern, making it ideal for live performances where clear and focused sound reproduction is essential.

Can the Shure PGA58 microphone be used for recording vocals in a studio setting?

Yes, the Shure PGA58 microphone is suitable for recording vocals in a studio environment due to its tailored frequency response, which enhances vocal clarity and presence.

Can the Shure PGA58 microphone withstand high temperatures or humidity levels?

The Shure PGA58 microphone is designed to operate within a specified temperature range (-20° to 165°F or -29° to 74°C) and relative humidity (0 to 95%). It is important to avoid exposing the microphone to extreme conditions to ensure optimal performance and longevity.

## Video- Product Overview



[Download The PDF Link- Content PGA58 Dynamic Wired Microphone User Guide Wired-Microphone-video.mp4](#)

Reference: [Shure PGA58 Dynamic Wired Microphone User Guide-device.report](#)

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## References

- [User Manual](#)



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