

6. Technical Specifications

Capsule Type	Electrode condenser
Polar Pattern	Cardioid
Sensitivity	-36dB
Frequency Response	30Hz-18KHz
Output Impedance	75Ω
SPL	127dB, T.H.D<1%
S/N	> 62dB
Power	+48V Phantom Power/ 2 AA Batteries
Connector	XLR

7. Product Care Instructions

- Do not drop the microphone, this could severely damage the product.
- Please keep this product away from direct sunshine & rain.
- Please disconnect from power supply when the product is not being used for a long time.
- Do not open any of the components yourself, for repairs please get in touch with your Studiomaster Professional retailer.
- Please read the owners manual before using this product.

* Design and specification are subject to change without notice.



GX-13

Gooseneck Microphone



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1. Introduction

Thank you for buying the Studiomaster Professional GX-13 " Gooseneck Microphone set. To ensure maximum performance and safety, please follow this instruction manual carefully. Please retain this manual for future reference.

For any complaint, feedback or testimonials please contact our distributor / dealer.

After unpacking the product, please inspect for any physical damage.

In the event that damage has occurred, immediately notify your dealer.

Retain the cartons/packing box for future use should the product require servicing/maintenance.

2. Features at a Glance

- Professional high quality 21" gooseneck microphone.
- Sleek and unobtrusive design.
- High sensitivity allows superior vocal reproduction.
- High gain before feedback.
- Balanced XLR Connector.
- LED indicator on microphone to indicate "Mic Active" status.
- Supplied with Microphone Base with On/Off Switch & LED.
- Works on external +48V phantom supply or 2 AA batteries.

Note: Studiomaster Professional highly recommends using the GX-13 only with the supplied base. Using the microphone with any other base may result in poor product performance.

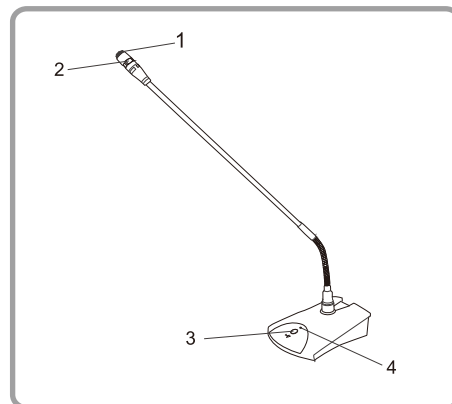
3. Product Components

Microphone (Flex 3).....x 1
Microphone Basex 1
Pop Filter Foam.....x 1

4. Product Usage

Controls:

1. **Capsule:** To pick up the voice of the speaker.
2. **LED indicator :** Indicates the "Mic Active" status.
3. **On/Off Switch :** This switch is used to activate or mute the microphone as required.
4. The LED displays the status of the microphone.



Power Supply:

- This microphone requires +48V Phantom Supply or 2 AA batteries to operate. Inadequate power supply may result in poor performance & reduced dynamic range.
- If your mixer does not have provision for phantom supply, please use an external phantom supply unit like the Studiomaster Professional Phantom 11.
- Always mute the sound reinforcement system before you switch on the phantom power supply.

Cables:

- Make sure good quality, low noise shielded cables are used. Good cables ensure good signal integrity.

Connection/Wiring:

Balanced XLR	
Pin 1	Ground
Pin 2	Hot (+ve Phase)
Pin 3	Cold (-ve Phase)

General Installation Guidelines

- Aim the microphone toward the desired sound source, such as the talker, and away from any unwanted sound source, such as a loudspeaker.
- Place the tip of the microphone within 15 to 30 cm (6 to 12 in.) of the desired sound source.
- Always use pop filter foam to control 'pop' sounds & breathe noise.
- If four or more microphones will be open at the same time, use of a conference mixer, such as the Studiomaster Professional Vak 20, is recommended.

5. Frequency Response Curve

