

6. Technical Specifications

Capsule Type	Electrode condenser
Polar Pattern	Cardioid
Sensitivity	-50dBV
Frequency Response	20Hz-20KHz
Output Impedance	200Ω ±30%
Low Cut/BVL	80Hz,-18dB/Max
SPL	120dB
S/N	> 62dB
Power	11V-52V DC Phantom Power, 2mA
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 retailer.
- Please read the owner manual before using this product.
- Please place product in flight case while transportation.

\* Design and specification are subject to change without notice.



GX-21

Gooseneck Microphone



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## 1. Introduction

Thank you for buying GX-21 Gooseneck Microphone.

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.

## 2. Features at a Glance

- Professional high quality gooseneck microphone.
- Sleek and unobtrusive design.
- High sensitivity allows superior vocal reproduction.
- High gain before feedback.
- Built-in XLR socket.
- Supplied with Microphone Base with On/Off
- Works on external +48V phantom supply.
- Anti Mobile & RF Interference Technology.

**Note:** Gestton Professional highly recommends using the GX-21 only with the supplied base. Using the microphone with any other base may result in poor product performance & will certainly affect RF rejection capability.

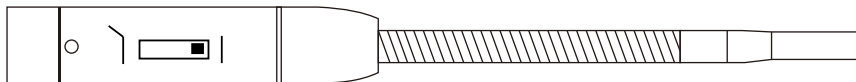
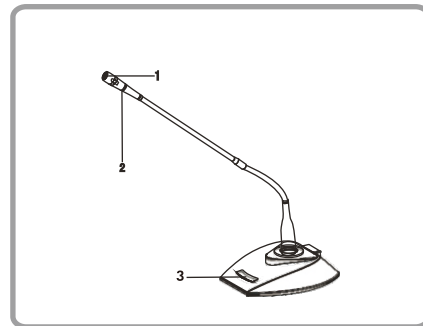
## 3. Product Components

Microphone .....x 1  
Microphone Base .....x 1  
Pop Filter Foam .....x 1

## 4. Product Usage

### Controls:

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



### 3. Selectivity Switches:

- \* Flat Mode: This mode simply bypasses all kind of attenuation. Use this mode for a fuller more natural tone.
- \* Low Cut Mode: This mode can be used to minimize Pops, Thump & Low Frequency Hums sounds.

## Power Supply:

- This microphone requires between 11-52V Phantom Supply to operate. Inadequate power supply may result poor performance & reduced dynamic range.
- 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:

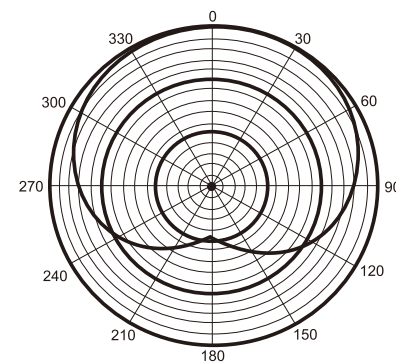
Balanced XLR	
Pin 1	Ground
Pin 2	Hot (+ve Phase)
Pin 3	Cold (-ve Phase)

## 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 an automatic mixer.

## 5. Frequency Response Curve

### Polar Pattern



### Frequency Response Curve

