

# The New Phantom Gooseneck Mics with Integrated Phantom Mic Riders

The family of Phantom Mic Riders is growing again to include the new Phantom Gooseneck and Podium Microphones. In yet another technological breakthrough from Sabine, these mics include the Phantom Mic Rider Pro built in to every unit. And, just as in the Pro line of Phantoms, you can choose between the full feature set or just the Infrared Gate.

## Great Mics that Know When You are There:

These new mics feature high-output, crystal-clear electret condenser capsules in either cardioid or super cardioid patterns. Integrated into each capsule is Sabine's infrared sensor which detects the presence of a person standing at the mic. Now your mic will always come on at the right moment – no more missing those cues! Using the adjustable Infrared Gate you can program the mic to switch on and off depending how close the person is to the mic. You can also program how fast the mic turns off after the person steps away.

## Choose Built-in Audio Processing for Every Mic:

When you choose the 45-Series Phantom Gooseneck Microphones you get all the Phantom Mic Rider Pro features, including the 115dB dynamic range. Automatic Gain Control, Proximity Effect and Plosive Control, and the Infrared Gate are included. The Phantom acts like an attentive sound mixer, adjusting gain, compensating for the challenges associated with poor mic technique, and simply making sure the mic goes on and off at the right time. If you only want the powerful features of the IR Gate, choose the 40-Series Microphones. Either way you get solutions to problems that many users just live with – until now. Products like these could only come from Sabine, the industry leader in innovative audio products.



*SGM18-C-PMR45-SW  
gooseneck microphone*



*SGM14-C-PMR45  
gooseneck microphone*

**PHANTOM™**  
GOOSENECK MICS

**PHANTOM™**  
MIC RIDER PRO



Gooseneck Mics with a  
Built-in Worry-Free Zone.

**SABINE®**  
the sound of innovation

▶ Just Plug it in!

# PHANTOM GOOSENECK MIC MODELS

## 45 SERIES

Including the Phantom Mic Rider Pro and Infrared Gate

### SGM-PMR45

- Gooseneck Mics with male XLR connector and Phantom Mic Rider Pro built-in. Available in 14 or 18 inch lengths, Cardioid or Super Cardioid capsule.

### SGM-PMR45-NS

- Gooseneck Mics with integrated base and Phantom Mic Rider Pro built-in. Available in 12 or 18 inch lengths, with female XLR connector. Cardioid or Super Cardioid.

### SGM-PMR45-SW

- Gooseneck Mics with integrated base, programmable switch, and Phantom Mic Rider Pro built-in. Available in 12 or 18 inch lengths, with female XLR connector. Cardioid or Super Cardioid.

## 40 SERIES

With Infrared Gate only

### SGM-PMR40

- Gooseneck Mics with male XLR connector and Infrared Gate built-in. Available in 14 or 18 inch lengths. Cardioid or Super Cardioid.

### SGM-PMR40-NS

- Gooseneck Mics with integrated base and Infrared Gate built-in. Available in 12 or 18 inch lengths, with female XLR connector. Cardioid or Super Cardioid.

### SGM-PMR40-SW

- Gooseneck Mics with integrated base, programmable switch, and Infrared Gate built-in. Available in 12 or 18 inch lengths, with female XLR connector. Cardioid or Super Cardioid.

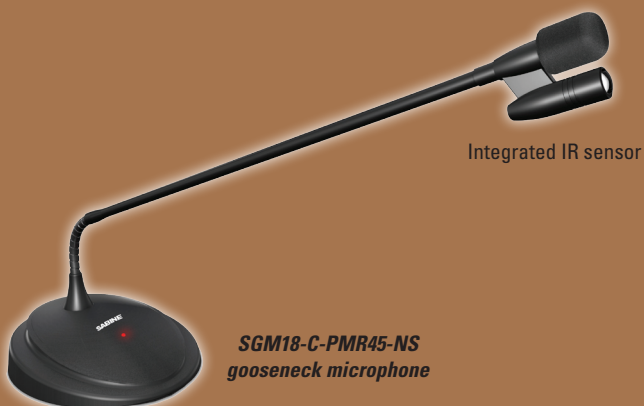
## ACCESSORIES

### SGM-SMP45

- Shockmount plate with female XLR connector. Available with Euroblock or soldered wire connection.



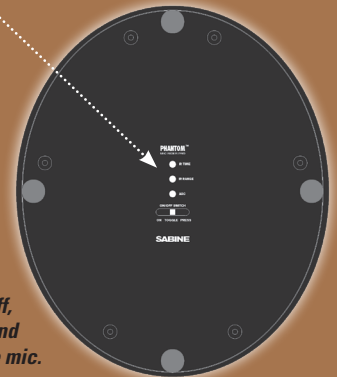
*Phantom Gooseneck Mics require industry standard 48V phantom power.*



**SGM18-C-PMR45-NS**  
gooseneck microphone



**Controls for the AGC, Proximity and Plosive Control, and IR Gate available on both versions of the SGM Gooseneck Mics.**



**SGM Mics with integrated bases also feature the ability to program the switch: on/off, push-to-talk, or disable and let the IR Gate control the mic.**

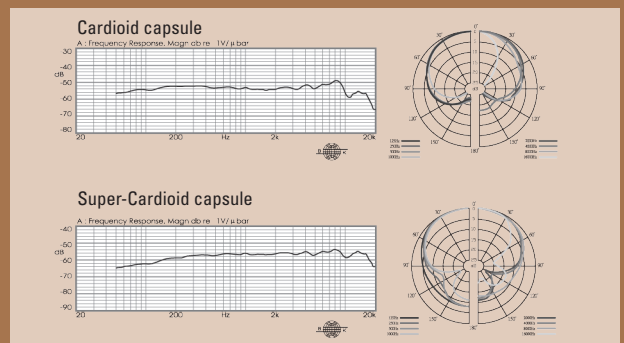
## Product Specifications

### Microphones

- Capsule type: electret condenser
- Polar patterns: Cardioid or Super Cardioid
- Sensitivity (at 1 KHz): -58dB (1.25mV)
- Maximum SPL for 1% THD: 125 dB

### Phantom Mic Rider Pro

- Processing functions:
  - Automatic Gain Control: continuous adjust, including off
  - Proximity Effect and Plosive Control: three settings
  - IR Sensor detection range: off, 3, 6, 9 feet
  - IR Time to turn off: off, 5, 10, 15 sec
- Phantom power requirement: 48V
- Frequency response:
  - 40 Series: 50 Hz to 18kHz
  - 45 Series: 80 Hz to 18kHz
- Dynamic range: 115 dB typ (unweighted)
- Distortion: <.05% @1kHz
- Propagation Delay: 0ms
- Audio connector: 3-pin XLR
- Input resistance: 20k Ohm
- Frequency response & polar patterns:



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