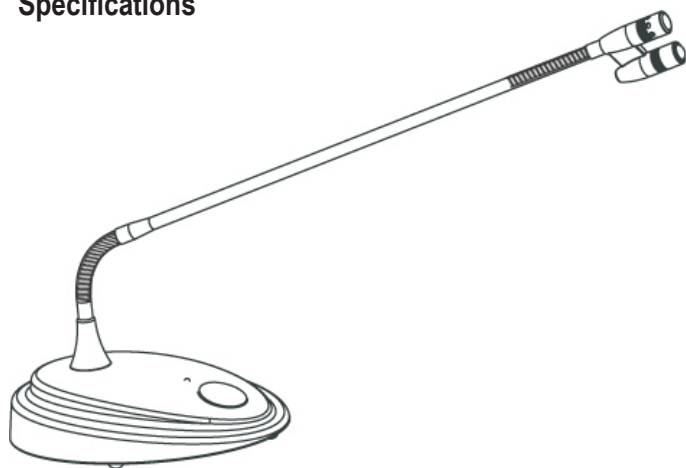


## SGM-PMR45-SW

Gooseneck Podium Mic with Phantom Mic Rider Built-in

### Specifications



The SABINE SGM-PMR45-SW is a cardioid or super cardioid gooseneck vocal microphone with a built-in Phantom Mic Rider Pro signal processor on a base shall draw its power from the phantom power supplied to the microphone. The unit shall include the following processing functions: Automatic Gain Control; Proximity Effect Control; Plosive Control; Variable Control and a heat-sensing Infrared Gate for muting the microphone when no one is in front of it. Controls for the unit include an on/off button (programmable by the slider switch on the bottom) located on the top of the base. Also, a button to adjust the IR range, a button to adjust the IR time, a potentiometer to adjust the Automatic Gain Control and the three-position slider switch on the bottom of the base. The audio connectors shall be XLR. Unit includes a Phantom Mic Rider Pro built-in to a 12, 18, or custom length gooseneck mic with cardioid or super cardioid microphone. The unit shall be the Phantom Gooseneck SGM-C-18-PMR-45-SW or SGM-12-CPMR-45-SW (18" or 12" cardioid gooseneck mic; SGM-S-12-PMR-45-SW or SGM-S-18-PMR-45-SW (18" or 12" super cardioid gooseneck mic) digital signal processor.

### 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:**

adjustable from 1:1 to 4:1

**Proximity Effect Control:**

three settings

**Plosive Control:**

three settings

**Frequency response:**

**45 Series:** 80 Hz to 18kHz

**Dynamic range:**

115 dB typ (unweighted)

**Distortion:**

<0.05% @ 1kHz

**Propagation Delay:**

0ms

**Audio connector:**

3-pin XLR

**Input resistance:**

20k Ohm

**IR Sensor detection range:**

3, 6, 9 feet  
(91.44 cm, 182.88 cm, 274.32 cm)

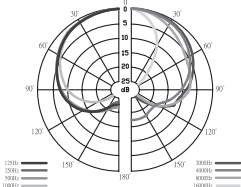
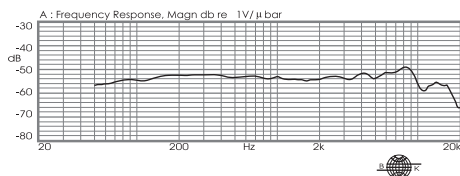
**IR Time to turn off:**

5, 10, 15 sec

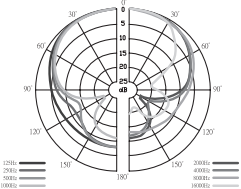
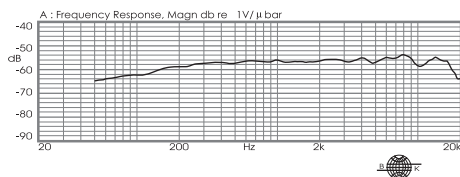
**Minimum phantom power requirement:**

**45 Series:** 20V @ 3 mA

### SGM: Cardioid Models



### SGM: SuperCardioid Models



(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)