

Phantom Gooseneck Mics

SGM-PMR-45

The cardioid or super cardioid gooseneck vocal microphone with a built-in Phantom Mic Rider Pro signal processor 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 shall be located on the front of the connector. These controls include a button to adjust IR range and IR time and a potentiometer for adjusting the Automatic Gain Control.

The audio connectors shall be XLR.

The following performance criteria shall be met:

Microphone

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

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: 80 Hz to 20kHz
- 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
- IR Time to turn off: 5, 10, 15 sec
- Phantom power requirement: 48V

Unit includes a Phantom Mic Rider Pro built-in to a 14, 18, or custom length gooseneck mic with cardioid or super cardioid microphone.

The unit shall be the Phantom Gooseneck SGM18-C-PMR-45 or SGM14-C-PMR-45 (18" or 14" cardioid gooseneck mic); SGM18-S-PMR-45 or SGM14-S-PMR-45 (18" or 14" super cardioid gooseneck mic) digital signal processor.

SGM-PMR-45-NS

The cardioid or super 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 shall be located on the bottom of the base. These controls include a button to adjust the IR range, a button to adjust the IR time, and a potentiometer to adjust the Automatic Gain Control.

The audio connectors shall be XLR.

The following performance criteria shall be met:

Microphone

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

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: 80 Hz to 20kHz
- 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
- IR Time to turn off: 5, 10, 15 sec
- Phantom power requirement: 48V

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 SGM18-C-PMR-45-NS or SGM12-C-PMR-45-NS (18" or 12" cardioid gooseneck mic); SGM18-S-PMR-45-NS or SGM12-S-PMR-45-NS (18" or 12" super cardioid gooseneck mic) digital signal processor.

SGM-PMR-45-SW

The cardioid or super 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.

The following performance criteria shall be met:

Microphone

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

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: 80 Hz to 20kHz
- 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
- IR Time to turn off: 5, 10, 15 sec
- Phantom power requirement: 48V

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-C-PMR-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.