

PHANTOM MIC RIDER



**PMR-GP1 for
gooseneck &
podium mics**



**PMR-HH1 for
handheld mics**



Create a Worry-Free
Zone for All Your
Unattended Mics.

SABINE[®]
ADAPTIVE AUDIO

The World's First Phantom-Powered Digital Signal Processor.

How's this for a dream? Someone shows you a product that solves every major problem you've had with a microphone (including poor mic technique), installs by plugging right into the microphone, and makes the power of digital signal processing completely affordable. And how about if it would work on just about every podium, gooseneck, or handheld mic you ever used?

A product like that could only come from Sabine, the industry leader in innovative audio solutions. The all new Sabine Phantom Mic Rider is the world's first phantom-powered DSP unit, and it delivers on that dream. And this reality comes with a list price of only \$119.95.

Elegant and simple, the Phantom is a real breakthrough, and the key is phantom-powered DSP – now your processing is customizable and physically located at each microphone!

Think of the applications: retrofit every podium mic at your church, school, boardroom, or teleconferencing center. And get one on every mic you specify from now on.

Plug the Phantom into your mic and get these five powerful audio solutions:

FBX Feedback Exterminator[®]

The famous Sabine processor increases gain before feedback.

Automatic Gain Control

Controls gain as you move toward and away from the mic.

Proximity Effect Control

Controls excess bass sound as you get closer to the mic and maintains flat frequency response at all distances from the mic.

Plosive Control

Controls the loud pops and bursts from certain consonant sounds in speech.

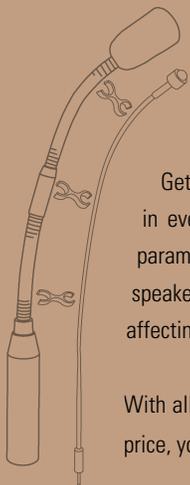
Infrared Gate

Turns the mic on and off automatically using a sensor that reacts to body heat.

Just Plug Your Mic in!



The Phantom delivers benefits for everyone involved with your sound system. Whether they have loud talkers or meek mumblers, all your presenters will appreciate the consistent sound quality and managed gain provided by the Phantom. The technicians will love the fast and easy installation and setup, and they can leave that mic unattended knowing the adaptive functions of the Phantom will take care of feedback, gain, and clarity. The Phantom even turns the mic off if no one is front of it using the included, detachable infrared sensor (*left*). The audience will appreciate the clear sound and increased intelligibility. And your accounting department will love the price.



Getting a Phantom on every mic is like having an engineer in every microphone, one who manages the gain, drops in a parametric filters to kill feedback, tweaks the EQ when the speaker gets too close, edits out the plosive sounds without affecting the audio, and turns the mic off if no one is near it.

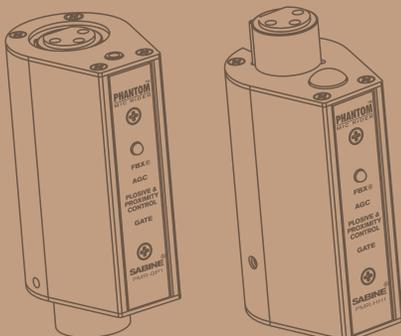
With all these features in one small package, all for such a great price, you can afford to put one on every mic in your system.

Product Specifications

- Minimum phantom power requirement: 17V @ 10mA.
- Supplies 17V and up to 4 mA of phantom power to connected mic
- Frequency Response: +/-1.5dB (50Hz to 20kHz)
- Dynamic Range: 94dB typ (unweighted)
- Distortion: < 0.5% @ 1kHz
- Propagation Delay: 0.870ms
- FBX Filters: 4 Fixed Filters
- Audio connector: 3-pin XLR
- Input Resistance: 20k Ohm
- IR Sensor Detection Range Maximum: 6 feet
- Dimensions: 2.5" x 1.6" x 1.2" (6.4 cm x 4 cm x 3 cm)
- PMR-GP1 includes Phantom, IR sensor assembly and assorted clips for mounting on gooseneck or under table
- PMR-HH1 includes Phantom with built-in IR sensor

Phantoms come in the following configurations:

- | | |
|------------|---|
| PMR-GP1-12 | For gooseneck & podium mics; 12" IR sensor cable* |
| PMR-GP1-18 | For gooseneck & podium mics; 18" IR sensor cable* |
| PMR-HH1 | For handheld mics; built-in IR sensor |



PMR-GP1

PMR-HH1

*Custom sensor cable lengths available

Phantom Mic Riders work with gooseneck or handheld mics that use standard XLR connectors, and are installed in a system that provides 48V phantom power.

Complete Operating Guide and Catalog available at our website

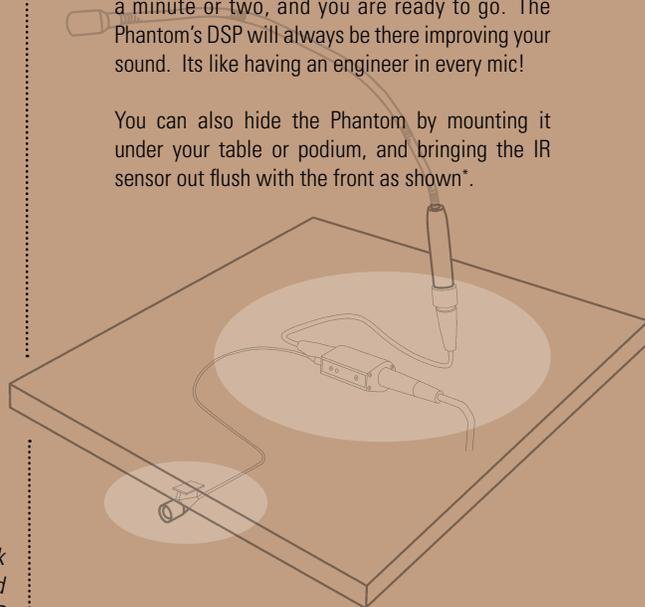


Typical Podium Mic Application

Installing and setting up your Phantom is extraordinarily easy. Just insert the Phantom between the mic's base (or podium if the mic is flush mounted) and the connector on your gooseneck mic. It's as easy as that.

The controls (hidden beneath the security cover) will allow you to make a few adjustments to customize the Phantom for your situation. Set the Phantom for your mic's sensitivity, then set your FBX filters, and tweak the proximity and plosive controls if necessary. The whole process will take a minute or two, and you are ready to go. The Phantom's DSP will always be there improving your sound. Its like having an engineer in every mic!

You can also hide the Phantom by mounting it under your table or podium, and bringing the IR sensor out flush with the front as shown*.



Patents Pending. Made in USA.

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