User Manual: Optogate PB-05 MD

User manuals can often be a hassle, so we've compiled all the important features on a single page so you can "get through" it in just 2 minutes :-)

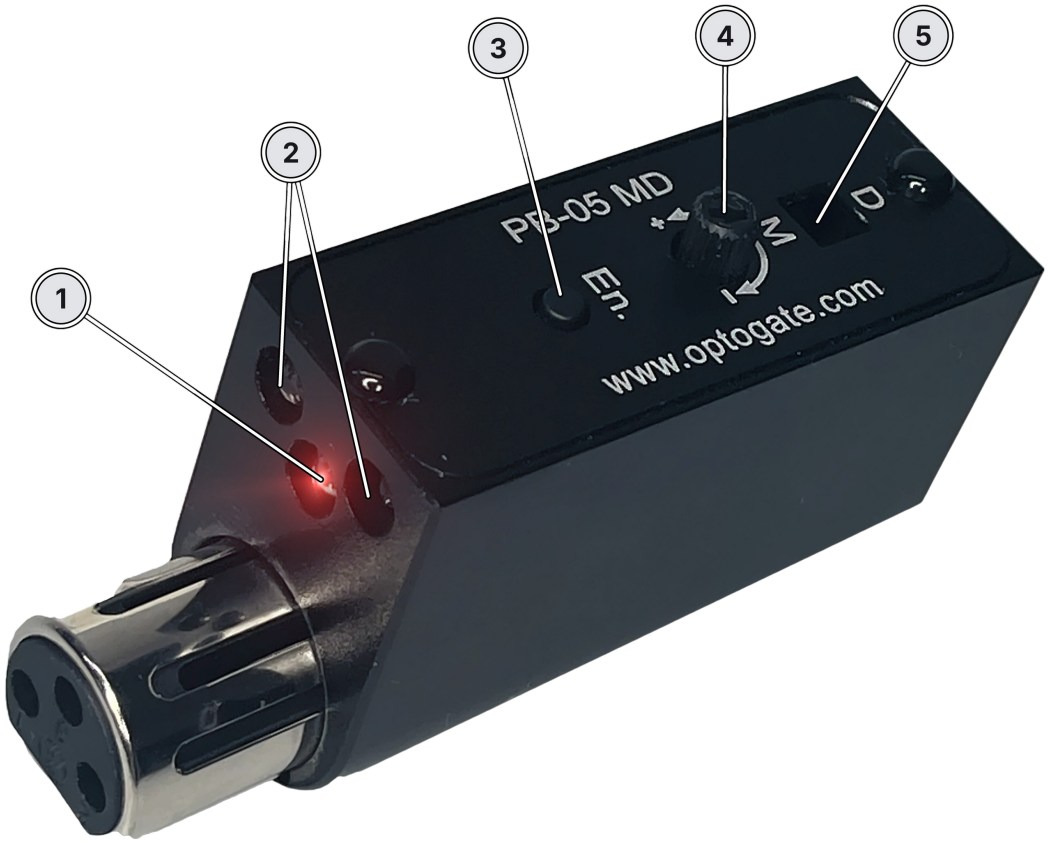
1: Status LED: The red LED on the front of the device indicates whether the microphone is active. If the LED is lit, the microphone is on. If it goes out, the microphone is muted.

2: Infrared Transmitter and Receiver: Controls automatic power on and off. The outer lenses transmit and receive invisible infrared pulses. If the sensor detects a reflection (e.g., from a performer in front of the microphone), the device automatically enables the signal.

3: Bypass button ("En." / Enable): The pushbutton on the topdisables the automatic function. When this button is pressed, the microphone remains permanently on (bypass mode), regardless of whether anyone is in front of the sensor. Pressing it again re-enables the Optogate function.

4: Distance potentiometer: The potentiometeradjusts the sensor's range. Turning it clockwise (+) increases the distance and sensitivity. If you turn it too far, the microphone will remain on permanently. In this case, simply turn the potentiometer back a little until the automatic mode responds properly again. To prevent accidental adjustment during a show, the potentiometer shaft can be removed so that the setting can only be adjusted with a small screwdriver, as many sound engineers prefer.

5: M/D Switch: Allows you to switch between a –42 dB attenuation (Mute)—which is the first choice for loud stage monitors—and a –16 dB attenuation (Ducker), which artists often find more comfortable for in-ear applications than completely turning off the microphone.



If you have any further questions, please feel free to contact us at info@optogate.com