

## User manual for the Posi-Gate PB-08

No time for manuals? No problem, this will take only 2 minutes of your time to read and you will have more fun and success with your new Posi-Gate.

The PB-08 is a microphone gate with a built in position and acceleration sensor. The device uses 48V phantom power, the phantom power also passes through to the mic in order that every mic type can be used. A press and hold of the push button will change between 3 different movement sensitivities and position recognition. A led indicates the sensitivity and operation mode, as follows:

**1 x flash:** the PB-08 switches the mic on when small movements are recognized. The mic will be switched off **after 2 seconds** if no motion is recognized. This mode is usable for silent stages and slow movements of the artist.

**2 x flash's:** This mode is less sensitive and usable for moderate noise environments on stage and for artists with moderate activity on stage to switch on the mic.

**3 x flash's:** This mode is usable in noisy environments, but needs a higher motion activity of the artist to switch on the mic.

**Permanent flash:** By continually pressing the button on the Posi-Gate, you can change to the position recognize mode. A turn of the mic to the **lowest and the highest position and back** while holding the push button will set the borders in the vertical level. The values will be stored in the device **after** the release of the push button.



The Posi-Gate will switch the mic on, if the angle is somewhere between the 2 adjusted borders and will switch off the mic if the mic angle is out of the borders. A horizontal turn of the mic will not affect a trigger.

However, the adjusted mode, including the settings, will not be lost if the phantom power will fails. The Posi-Gate will start in the same mode after switching the phantom power back on.

Pressing the button again will overwrite the mode and the Posi-Gate will start again with the mode 1.

Please note that high g-loads like fast and heavy shaking of the mic, might result in the mics triggering, causing the position sensor to need a few milliseconds to calculate the new value and fast shaking will result in wrong values. (We have taken this into account and reduced this effect with the software but a complete elimination of this effect will result in slightly slow switching times).

The Posi-Gate devices were developed for use with professional equipment and should be used by only professional trained system engineers and operators. Please be aware that we are not responsible for any hazards, damages or disadvantages due to the use of the Posi-Gate devices. The Posi-Gate devices are registered under the number DE54933725 WEEE as B2B devices. We also declare that they conform to the CE and ROHS for the European market.

If you have further questions please don't hesitate to contact us at: [info@optogate.com](mailto:info@optogate.com).