

# TAKE YOUR DRUMMING IN A NEW DIRECTION

*“Lateral positioning allows drummers to separate two things that used to be inextricably connected: the beater’s height, which affects the pedal’s feel and power, and where the beater strikes, which affects the drum’s sound and projection.”*

—Nicholas Burns, Bass Plate inventor

Despite the many advances in bass drum pedal technology over the past century, the basic method of connecting the pedal to the drum has remained unchanged. In addition, while the ability of drummers to customize the feel and action of the bass drum pedal to fit the way they play has also expanded over the years, they still have only two choices in adjusting the position of the beater on the drum: up or down.

Bass Plate from Burns Engineering frees the pedal from a fixed position at the center of the drum to create a fuller sound and a wider range of positioning options. With Bass Plate’s exclusive combination of lateral positioning and sound enhancement, players are not only able to take their drumming in a new direction, they’re able to take it to a higher level.

## POSITIONING & TONE CONTROL

The balance of tone and attack in a bass drum’s sound is determined by the place where the beater strikes the drumhead. As this location moves away from the center of the head, tone increases and attack decreases. In the past, the only way of changing this mix was adjusting the beater vertically which also altered the pedal’s action.

Bass Plate offers a new solution by separating the pedal from the hoop and providing a flat, horizontal clamping area. Bass Plate’s lateral pedal adjustment gives drummers a new and variable range of positioning and tonal options, as well as the ability to:

- Change the drum’s sound independently of the pedal’s action by adjusting the striking area of the beater horizontally as well as vertically.

- Position both beaters of a double bass drum pedal equidistant from the center of the head for more consistent tone.
- Shift the location of single and double pedals to a more comfortable playing position.

In short, Bass Plate’s unique lateral adjustability allows every player to achieve the optimum drum sound and pedal feel in every situation.

## LATERAL ADJUSTABILITY

Bass Plate’s flat, horizontal clamping area gives drummers a wide range of places to position the pedal. This lateral adjustability is a revolutionary, new way to change where the beater strikes the drumhead. Now, the beater’s height, which affects the pedal’s feel and power, and the beater’s striking point, which affects the drum’s sound and projection, can be adjusted independently.



As explained above, the striking point determines how much tone and how much attack are present in the drum’s sound. Further from center gives a fuller tone, and closer to center gives a more powerful attack. The preferred balance of tone and attack is a personal choice but, in the past, the only way to adjust this balance was to raise or lower the beater—compromising the pedal’s action. Bass Plate ends this undesirable trade-off.

Bass Plate lifts the drum 1”, putting the striking point closer to the drumhead’s center. This gives the drum’s sound more attack. If more tone is needed, the pedal can merely be positioned to the right or left.

Getting more attack or a fuller, rounder bass drum tone used to mean raising or lowering the beater. But changing the beater height affects the pedal’s speed, power and control. Now, using Bass Plate’s lateral adjustability, the pedal’s feel stays the same while the drum’s tone can be modified to fit the music.

## SOUND ENHANCEMENT

In addition to giving drummers a new way to control their sound, Bass Plate’s patented design also offers them a new way to enhance it. Since conventional pedal-to-hoop clamping can noticeably reduce the bass drum’s resonance and low-end, using Bass Plate frees the pedal from the hoop and restores the fullness of the drum’s sound.

**BASS PLATE**



## SECURITY & STABILITY

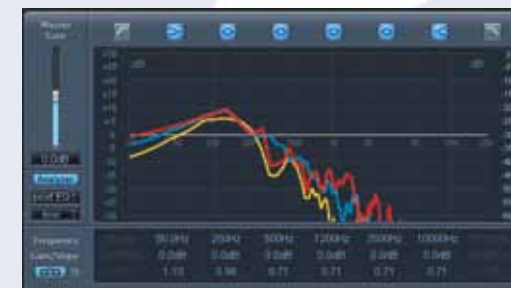
Bass Plate’s wider, flatter clamping surface sits directly under the hoop—without protruding—where it allows horizontal pedal positioning and creates a wider base for increased stability and balance. With the Bass Plate securely attached to the drum and the pedal securely attached to Bass Plate’s rubber clamping area, drummers can play confidently without worrying about pedal-to-drum separation or damage to their bass drum or bass drum hoop.

## EASE OF USE

Currently available for 22” bass drums (and soon in models to fit 18, 20 and 24” drums), Bass Plate is easy to install and requires no drilling or additional hardware. It attaches quickly and easily using the same screws and holes that hold the two bottom back tension lugs on the drum. The device also features rubber strips protect the drum’s finish, fits perfectly into standard hard and soft cases and is compatible with most popular single and double bass drum pedals.

18X22” BASS DRUM  
BEATER STRIKING OFF-CENTER

Low (20Hz) and high (2000Hz) frequency response is greater when the beater strikes closer to the drumhead’s center; the sound has more attack. Alternately, the drum’s mid-range tone is highlighted when the striking point is farther away.



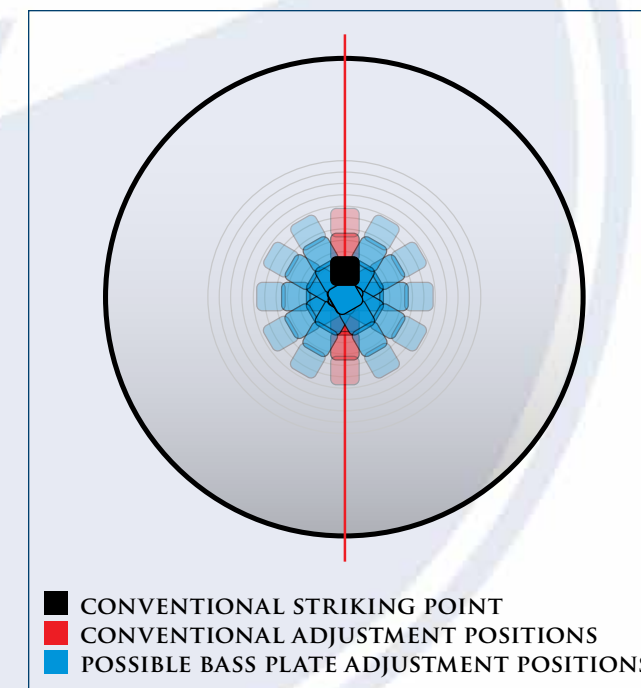
1" 3" 5"

18X22” BASS DRUM  
WITH & WITHOUT BASS PLATE

Bass Plate distributes the weight of the drum more evenly and suspends it slightly off the ground for greater frequency response in the low (A), mid (B) and high (C) ranges.



WITH WITHOUT



■ CONVENTIONAL STRIKING POINT  
■ CONVENTIONAL ADJUSTMENT POSITIONS  
■ POSSIBLE BASS PLATE ADJUSTMENT POSITIONS

Visit [www.bass-plate.com](http://www.bass-plate.com) for a complete list of compatible bass drum pedals.

**BASS PLATE**