



**EX1 HELLCAT H/S/S**  
**SPEC SHEET AND**  
**DISCLOSURES**

*a Salute to the Sunset Strip*

**PARENTAL**  
**ADVISORY**  
**BADASS GUITAR**



# DISCLOSURE SHEET



## GUIAR

Body Wood	USA
Carbon fiber reinforcement rods	USA
Frets	USA
Inlays	USA
Neck	USA
Neck pickup	USA
Bridge pickup	USA



## EXTRAS

BGC patch	USA
BGC pin	USA
BGC poster	USA
Floyd Rose HexHider	USA
Case candy print	USA
Hardshell case	USA
Keeley Hellcat Caverns	USA



## HARDWARE

Cavity control cover	USA
Trem access cover	USA
Output jack	USA
Output jack cover	USA
Strap buttons	USA
Strings	USA
5 way rotary switch	Taiwan
Trussrod cover	USA
Pickup rings	USA
Volume pot	USA
Bridge	Japan
Knob	Japan
Tuners	Japan
Neck plate	China

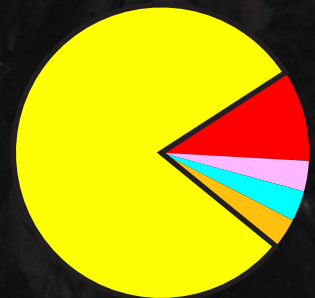


## DESIGN / MANUFACTURING

Design	Croatia
CNC	USA
Paint	USA
Setup & assembly	USA

## TOTAL BY PERCENTAGE

- USA - 81%
- Japan - 10%
- Croatia - 3%
- Taiwan - 3%
- China - 3%



# BGC FACTORY SETUP SPEC

String brand	D'ADDARIO NYXL
String gauge	9 - 42
Radius of fretboard	14"

## ACTION

BGC guitars ship with the action set to approximately 1.75mm. You can confirm your action setting by fretting (or capo) the first fret and checking the top of the 12th fret and bottom of string at the 12th fret.

You can lower or raise your action by adjusting the two trem posts; clockwise will lower the bridge/action, counter-clockwise will raise the bridge/action. There is approximately 2 mm of travel available to help you dial in your action setting.

How you set your action can be based on a number of factors, but in general:

- Slightly higher action will give you more control over the strings (bending, etc). There will be less/no fret buzz when string is closer to 2mm above the fret tops.
- Slightly lower action will give you more touch sensitivity and easier playability, but can be more susceptible to fret buzz or require more attention to neck relief.

## RELIEF

BGC necks are set up at the shop to be very straight with no relief. To check your neck relief, hold down string at the first fret (or capo) and last fret, then check the gap between the top of the frets and the bottom of the strings around frets 8 through 12.

- A perfectly straight neck will have no relief; the strings will rest on the tops of the frets when depressed.
- Many guitars are set up with a little bit of relief; there will be a small gap between the top of the frets and bottom of the string.

A truss rod adjustment may be needed if:

- the neck has too much forward bow; there will be a large gap between the bottom of the strings and the top of the frets and the action may feel too high.
- the neck too much back bow; the strings will buzz excessively when played normally.

## PICKUP HEIGHT

BGC sets pickup height based on the final setup of the guitar. This is an area where your ears are often the best guide. Some suggestions:

- If you primarily play clean, set the bridge pickup to a height that gives you a good, strong tone without harsh or unpleasing, fluttering overtones. Then, set the neck pickup to match the volume of the bridge. Because of the physics of string vibrations through the speaking length of the string, the pickup heights may be noticeably different, but the volume should remain consistent through each toggle switch setting.
- If you primarily play with gain, set the bridge pickup to a height that gives you the most bite without harsh or unpleasing, fluttering overtones. Once you've dialed in the bridge pickup, switch your amp to a clean setting and adjust the neck pickup to match the volume of the bridge pickup.

You may prefer different settings than described here. The method described above is useful for establishing a starting point for dialing in your own custom pickup heights.

## PLEASE NOTE

Every BGC guitar is set-up to certain specifications prior to leaving the shop. As with any guitar, occasional maintenance and adjustments may be required due to weather, preferred playing feel and performance, changes in string gauge, or other factors.

If you are unsure about anything related to setup or have questions, don't hesitate to drop us a line at: [dude@badlandsguitarcompany.com](mailto:dude@badlandsguitarcompany.com)



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