

# TUBE DRIVER

BLUE

*Butler*  
AUDIO

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Photos by Thomas Cooper • www.lightboximages.com, except front cover and BK Butler with Billy Gibbons





BK Butler has been designing and building vacuum tube related musical products for over 25 years.

With professional celebrity users such as **Billy Gibbons of ZZ Top, David Gilmour of Pink Floyd, Eric Clapton, Elton John, Eric Johnson** and hundreds more, BK Butler's designs

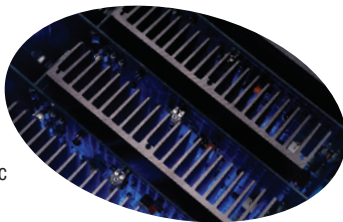
and products have satisfied the most critical professional clients for years. And now, Butler Audio,

manufacturer of world-class audio products for the professional music, mobile audio and now home audio/video markets, introduces the revolutionary **Tube Driver BLUE Thermionic™** series of multi-channel vacuum tube amplifiers. These amplifiers employ BK Butler's newly patented **Thermionic™** vacuum tube circuit technology. This incredible new breakthrough in high performance audio amplification delivers the highly desirable sonic benefits of a single-ended Triode (SET) tube amplifier with the desirable power, current delivery and reliability of a solid-state (transistor) amplifier, and eliminates virtually all of the previous limitations/restrictions of either design type.

## ZERO NEGATIVE FEEDBACK, OPEN-ENDED DESIGN

Open-ended, with ZERO global negative feedback, these amplifiers use solid-state output power devices coupled with hand-selected twin triode tubes in an all new "current multiplier" topology, using one tube for each of the channels in the amplifiers.

Unlike conventionally thought of hybrid tube designs, the 6SL7GT twin triode tubes are DC coupled to the load with the output devices acting only as current multipliers. Yes, no transformers! This unique **Thermionic™** design reduces crossover and total harmonic distortion (THD) to typically LESS than 0.10%.



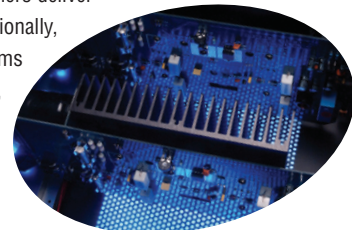
This achievement is almost unheard of in a vacuum tube driven, open-ended, ZERO negative global feed back high fidelity amplifier. Conventional open-ended vacuum tube amplifiers usually exhibit real world THD levels of 2% or greater and are generally limited to very low output power. Butler Audio **Tube Driver**

**BLUE™** amplifiers succeed at operating with 20 times

less THD with more than 10 times the power while maintaining real vacuum tube tonality! Hear the original dynamic essence of vacuum tubes in your home theater with **Tube Driver BLUE™** amplifiers.

## DESIGN/QUALITY/PERFORMANCE

Using the same exacting quality and reliability standards all BK Butler concepts and designs are famous for, the new **Tube Driver BLUE™** amplifiers are a breakthrough product line for the home audio/video market. For the first time, audiophiles can build a single amp, multi-channel surround audio/video system that rivals or surpasses the sonic performance of the best all-tube stereo systems available. And at a surprisingly affordable price! With emerging multi-channel audio formats (DVD-A and SACD) becoming a prominent part of all audiophile/videophile systems, **Tube Driver BLUE™** amplifiers deliver an all-in-one tube amplifier solution. Additionally, Dolby Digital and DTS video surround systems will benefit from vastly improved sonics, detail and intelligibility. Tube dynamics, liquidity, warmth, incredible power and reliability, all in one unique, modularly designed multi-channel amplifier chassis.



## PRODUCT SPECIFICATIONS

### TDB-2250

Power rating, RMS:  
All channels driven.

250 Watts per channel, 8 Ohms  
400 Watts per channel, 4 Ohms  
800 Watts Mono, 8 Ohms

Frequency Response:  
20-20,000 Hz, +/- 0.5dB

Distortion (THD):  
Less than .10% at 8 Ohms  
Less than .15% at 4 Ohms

Input Sensitivity  
2.0V for 250 Watts into 8 Ohms

S/N Ratio:  
Better than 120dB, "A" Weighted

Slew Rate: 15V / uSec.

Dimensions:  
17" W x 16" D x 8.5" H (with feet)  
17" W x 16" D x 7" H (without feet)

Weight: 43 Lbs. (19.2 Kgs.)



### TDB-3150

Power rating, RMS:  
All channels driven.

150 Watts per channel, 8 Ohms  
225 Watts per channel, 4 Ohms

Frequency Response:  
20-20,000 Hz, +/- 0.5dB

Distortion (THD):  
Less than .10% at 8 Ohms  
Less than .15% at 4 Ohms

Input Sensitivity  
1.5V for 150 Watts into 8 Ohms

S/N Ratio:  
Better than 110dB, "A" Weighted

Slew Rate: 15V / uSec.

Dimensions:  
17" W x 16" D x 8.5" H (with feet)  
17" W x 16" D x 7" H (without feet)

Weight: 42 Lbs. (19 Kgs.)



### TDB-5150

Power rating, RMS:  
All channels driven.

150 Watts per channel, 8 Ohms  
225 Watts per channel, 4 Ohms

Frequency Response:  
20-20,000 Hz, +/- 0.5dB

Distortion (THD):  
Less than .10% at 8 Ohms  
Less than .15% at 4 Ohms

Input Sensitivity  
1.5V for 150 Watts into 8 Ohms

S/N Ratio:  
Better than 110dB, "A" Weighted

Slew Rate: 15V / uSec.

Dimensions:  
17" W x 16" D x 8.5" H (with feet)  
17" W x 16" D x 7" H (without feet)

Weight: 48 Lbs. (22 Kgs.)



### All models share the following features:

- ZERO negative feedback. No global negative degenerative feedback loop
- Hand selected/matched 6SL7GT Dual Triode tubes (One [1] per channel)
- Fully regulated Tube Heaters, with Delayed Soft Start (10-15 seconds)
- Individual heat sinks per power module
- Musical, warm and dynamic, rivaling "all-tube" single-ended home audiophile amplifiers
- 2-Channel amplifier, mono-bridgeable
- Frosted Platinum finish
- Tube Illumination: Internal BLUE LED's

*Due to continuing product development, all features and specifications subject to change without notice.*







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TDB 5150