



Model DB 728 400-Watt Tube Power Amp

Congratulations on purchasing Aguilar Amplification's DB 728 Tube Power Amp! The DB 728 is an extremely rugged tube amplifier optimized for bass. Ten vacuum tubes generate 400 Watts of harmonically rich tone. Custom designed toroidal transformers provide an ultra-wide frequency response.

In addition to sounding great with any active or passive four string bass, the DB 728 will musically and accurately reproduce the extended range of modern five and six string basses.

All Aguilar products are hand made in N.Y.C.

www.aguilaramp.com

Specifications and features:

All noise measurements are unweighted.

Input Sensitivity: 0 dBm for maximum output.

Output Power: 400 watts RMS. This is into 2, 4, or 8 ohms.

Noise: -80 dB

Fuses: 1 external 12 amp for 100 – 120 VAC operation.
(6 amp for 220 – 230 VAC operation)
1 internal redundant per above
8 internal .250 Fast-Blo. One per tube.
1 internal 15 amp Slo-Blo.
1 internal 2 amp Fast-Blo.

Power tubes: Eight premium Svetlana 6550C power tubes.

Driver tubes: Two 12AX7 and one 12AU7.

Transformers: Custom designed toroidal output transformer for ultra-wide bandwidth. Power transformer is also toroidal.

Outputs: 2 Speakon connectors and 2 ¼" outputs.

Inputs: One ¼" unbalanced input and one input thru for patching a preamp signal thru to an additional power amp

Output Impedance Selector: A three-position switch provides switching for two, four, or eight ohms.

Cooling: Two ultra-low noise fans regulate the operating temperature of the amp.

Weight: 57 lbs.

Chassis: Aircraft quality aluminum construction provides sturdiness without excessive weight. For convenience, access to the tubes is provided through the top of the unit and is isolated from any dangerous voltages.

Components and workmanship:

Only the highest quality components and workmanship are used in Aguilar products.

Input Interfaces:

Rear Panel

Input:

The output signal from your preamp is plugged into the input. An ordinary guitar cable is the appropriate cable to use.

Input thru:

This input is a pass thru for your preamp signal. For example, if you want to use two power amps, patch the input thru to the second power amp in the chain. Use an ordinary guitar cable.

Output Interfaces:

Rear Panel

Speakon Connectors:

Two Speakon connectors are provided. Use 12 gauge or larger speaker cable for proper connections.

1/4" outputs:

Two are provided. Use 12 gauge or larger speaker cable for proper connections.

Impedance Switch:

Rear Panel

The DB 728 provides full power at 2, 4, or 8 ohms impedances. It is required that you turn the impedance switch to the proper setting for your speaker load.

If your speaker cabinet is 8 ohms (this information is usually on the jack plate of the speaker cabinet) simply set the impedance switch to 8 ohms. The same applies for a single 2 or 4 ohm cabinet.

If you are using two 8 ohm cabinets in parallel (both connected directly to the back of the amp), the impedance value is halved, and the impedance switch should be set to 4 ohms. For two 4 ohm cabinets, set the impedance switch to the to 2 ohm setting.

Your amp needs to be set at the proper impedance for full power and reliability.

Fan Switch:

Rear Panel

The fan is ultra quiet, and is always on to provide the necessary cooling to the components. There is a low speed setting for use in the quietest environments. We recommend using the high speed whenever possible as this will help facilitate the longest tube life.

Signal Ground Lift:

The signal ground lift jumper, located on the rear panel, connects the audio circuit ground to the chassis ground (earth). This should be left in place under most circumstances. An exception would be if connecting an external preamp to the DB 728 causes an audible ground loop. In this case removing the signal ground jumper will eliminate the ground loop. Note that this can be done only when an external device is connected to the input of the DB 728. With the signal ground jumper removed, the DB 728 will hum in the absence of a connection.

Limited Warranty

Aguilar Amplification's DB 728 tube power amp is warranted to the original owner for a period of ten years from the date of purchase against defects in materials and workmanship. Tubes are covered by the warranty for a period of six months.

The warranty period starts from the date of purchase from an authorized Aguilar dealer. Your sales slip or purchase invoice is necessary for warranty service.

Before sending your unit to Aguilar for repair, you must receive a return authorization number from us. Contact us via phone, fax, or email (techsupport@aguilaramp.com) with a description of the problem. We will then issue you a return authorization number.

You are responsible for all shipping charges. You must ship the unit to us freight prepaid. We will return the unit to you freight collect. If the unit is being sent from outside the United States you will also be responsible for customs brokerage, if applicable. Please check with your freight forwarder for assistance.

Aguilar Amplification LLC is not responsible for shipping damage, either to or from our service center. Claims must be filed with the carrier.

The only company authorized to perform work under this warranty is Aguilar Amplification LLC of New York, NY.