

# Rottendog Amusements

## DBB001

### Data East Buzz Buster

#### **Introduction:**

Many Data East machines suffer from significant background buzzing and humming coming through the speakers. While there are several sources of the background buzz, the most common cause seems to be noise on the 12V power line feeding the sound board. The DBB001 Data East Buzz Buster helps resolve this by adding an inline 12V switching power supply to provide a smooth 12V specifically for the sound board. The DBB001 Buzz Buster doesn't address the other sources of noise so it doesn't help in all cases. However it is effective on reducing background noise for the majority of games and makes the games more enjoyable!

#### **Installation Instructions:**

First, power off your pinball machine then remove the backglass. After opening the backbox some games may need the DMD/speaker panel temporarily removed for access to the sound board.

Installation is very simple and the DBB001 is keyed to help ensure proper orientation of the adapter. Just unplug the 6-pin connector at CN2 on the sound board. Plug the DBB001 module into the CN2 connector on the sound board. Then plug the cable that was at CN2 into the 6-pin connector on the Buzz Buster.

There are four status LEDs to show that all the power is present for the sound board. If all is well all four LED's should be on. If you are missing the 5V, 12V, or -12V that indicates an issue with your power supply not supplying all the proper voltages. The LED labeled OUT is for the 12V power generated on this board and sent to the sound card. (If the OUT LED is off with the other three LED's on that would indicate a possible issue with the Buzz Buster.)

#### **Testing/wrap-up:**

Power on your machine and if you see all four green LED's are on then you are ok to re-install the backglass and start playing!