



## **Grimm Audio LS1 firmware change log**

### **v1.8.7**

#### **Bugfixes**

1. Fixed LS1 reporting back that excursion limiting was on while it was off.

### **v1.8.6**

#### **Bugfixes**

1. Fixed potential DC offset happening in some LS1s.
2. Fixed getting stuck on boot.

### **v1.8.3**

#### **Improvements**

1. Analog input sound quality improved.

### **v1.8.2**

#### **Improvements**

1. Phase correction of crossover filter improved.

# **v1.8.1**

## **New features**

1. LED blinking for mute/dim/magnify has been changed to fading.
2. LED blinking/fading is now synced between LS1s.

# **v1.8.0**

## **Improvements**

1. Phase correction coefficients recalculated for the tweeter-woofer crossover as well as the woofer-sub crossover.

## **New features**

1. Rewritten from the ground up in C.
2. Added latency matching for systems that have a combination of Grimm subs and no subs or non-Grimm subs.