



## **Burson V7 Opamp**

### **User Manual**

*Register for warranty Ref. page 5 for details*

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## Introduction

The Burson V7 Opamp represents the pinnacle of audio opamp design, featuring a fully discrete, Class-A operational circuit suitable for a wide range of audio applications.

Thanks to its industry-standard DIP8 connection, it offers unparalleled compatibility and performance enhancement for your audio devices.



## Safety Information



- The V7 Opamp operates at temperatures between 60-70°C. Ensure the device is powered down and allow a 5-10 minute cool-down period before handling.



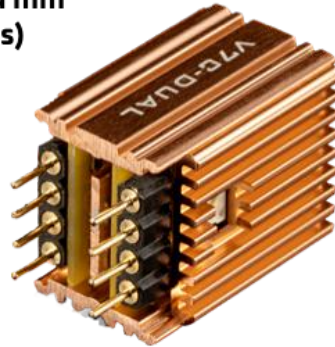
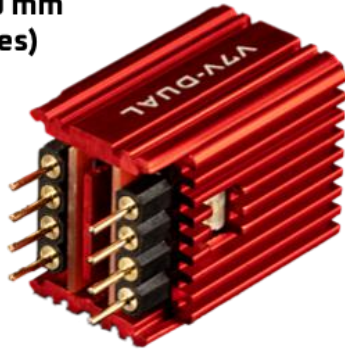
- Always disconnect the power source before installation or maintenance.



## Technical Specifications

**Height: 20 mm  
(0.78 inches)**

**Width: 15.4 mm  
(0.60 inches)**



**Depth: 13.4 mm  
(0.52 inches)**

**Dual: 5.7g (0.2 Ounce) Single: 4.5g (0.26 Ounce)**

- Power Supply Range:  $\pm 4V / 8 VDC$  to  $\pm 16V / 30VDC$
- Current Draw: 18mA (single), up to 35mA (dual)
- Dimensions: Height: 20mm, Width: 15.4mm, Depth: 13.4mm
- Components rated for 80+ degrees Celsius, ensuring safe operation.

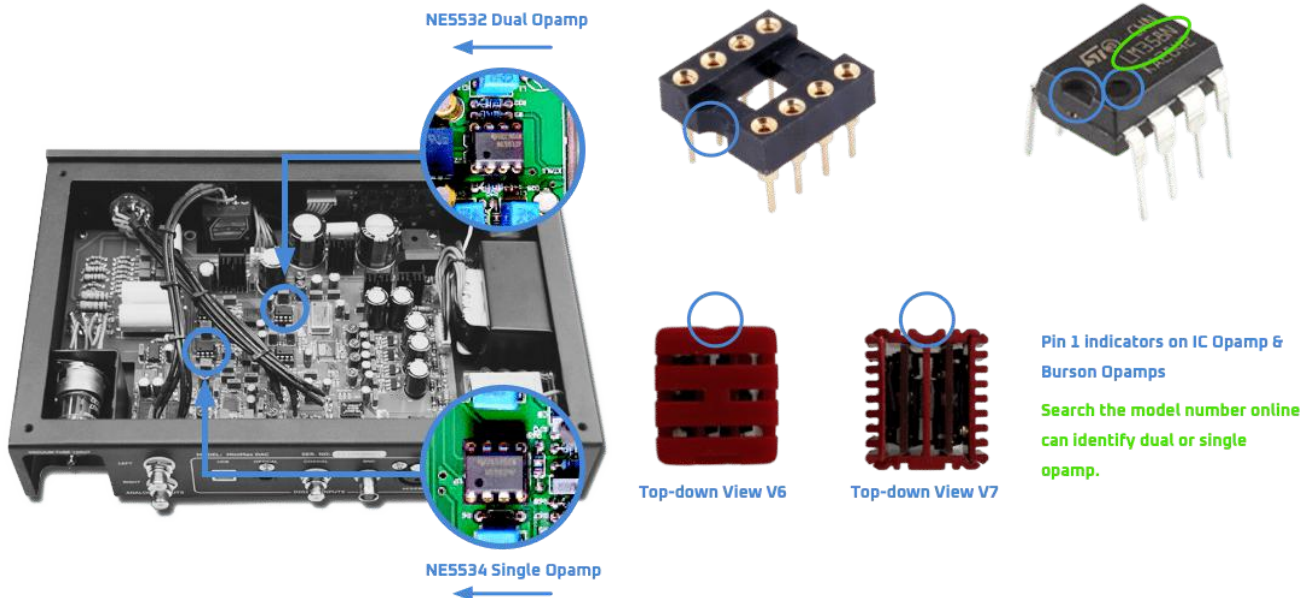


## Package Contents

- V7 Opamp
- DIP8 Socket
- Silicon Retainer
- Voice By Burson sticker



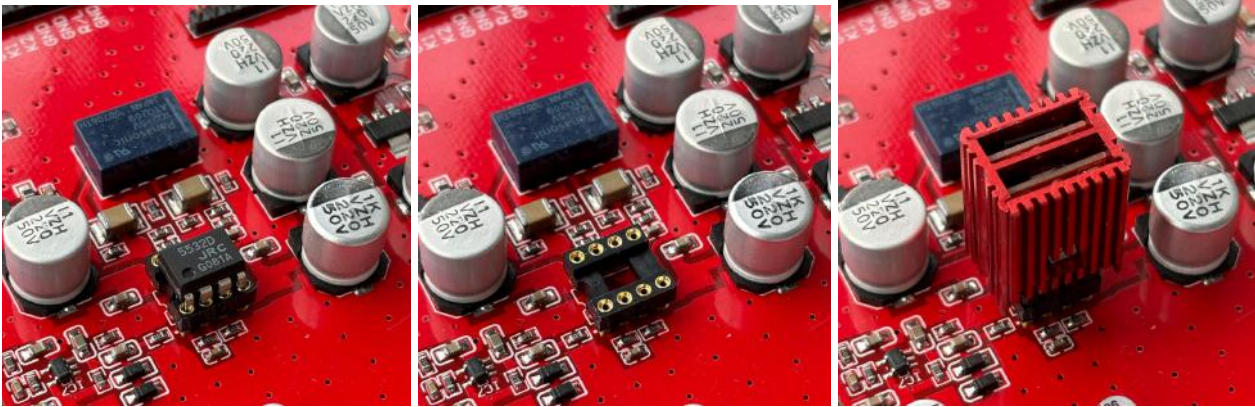
## Installation Guide



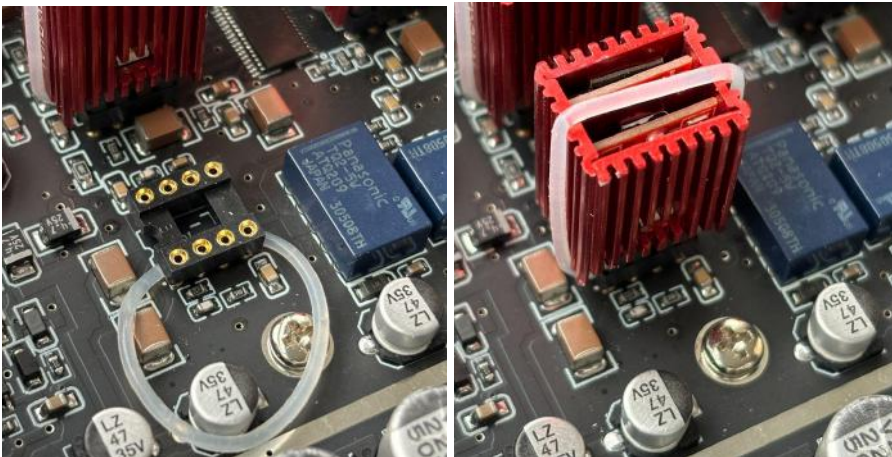
**Step 1:** Identify your opamp (dual / single) and the correct orientation.  
Refer to the table below for more information.

**Step 1:** Order from our online store.  
Install them in the correct position and orientation.

1. **Identify the correct V7 Opamp:** Ensure you have the right model for your project. For assistance, watch our [Tutorial Video Here](#).
2. **Power Down:** Disconnect your device from its power source before proceeding.



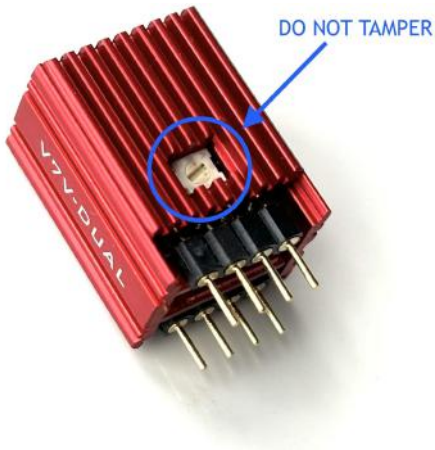
3. **Opamp Replacement:** If a DIP8 socket is already installed on your PCB, simply remove the existing opamp and insert the V7 with the correct orientation.



4. **DIP8 Socket Installation:** For devices without a pre-installed DIP8 socket, desolder the original opamp, place the silicon retainer on the PCB, and solder the DIP8 socket in place.
5. **Finalising Installation:** Insert the V7 opamp into the newly installed socket and secure it with the provided retainer for extra support.



## Warranty and Maintenance Information



- **Maintenance:** To ensure longevity, avoid tampering with the V7's aluminium enclosure or the internal trimpot accessible via the side cut-out, as these actions will void the warranty.
- **Warranty:** The V7 Opamp comes with a lifetime warranty, conditional on proper usage and registration at [Warranty Registration](#). Direct tampering with the device's critical components negates this warranty.



## Contact Information

For additional support, technical inquiries, or warranty claims, please contact Burson Audio through the [Burson Contact Page](#).



Warranty Registration