


# RAY TUBES

SELECT 6SL7  
Product Media Kit

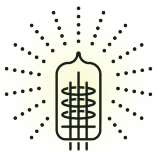


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- The background of the slide is a dark, semi-transparent image of various vacuum tubes. On the left, a tube is labeled 'SELECT EL84'. In the center, a tube is labeled 'RAY TUBES'. On the right, a larger tube is visible with multiple pins at its base.
1. The Product
  2. The Company
  3. The Numbers



# SELECT 6SL7

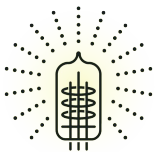
The 6SL7 is a high-mu variant of the more common 6SN7. Like many tubes, it was used extensively for military purposes during World War II, but slowly fell out of use in the following decades. Starting in the 1970s, **renewed interest in Japanese tube audio eventually led to a resurgence in 6SL7 popularity.**



# Product Highlights

The **Ray Tubes SELECT Collection** offers the best tubes you'll ever need. It goes above and beyond the baseline to bring out the best in all your favourites.

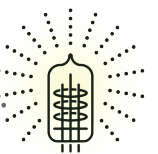
- Designed and manufactured by a team with decades of experience
- Hand-selected by engineers—only the top tubes make the cut
- Substantially more consistent performance than New Old Stock
- Unlike NOS and most other new production, covered by the Ray Tubes One Year Warranty




# Sound Characteristics

The SELECT 6SL7 delivers a refined and engaging sonic character that faithfully captures the essence of the classic 6SL7 sound while offering modern improvements in clarity and balance. **Ideal for preamp stages, vocal-focused systems, or high-fidelity tube setups.**

- The bass is more relaxed than comparable tubes, with good definition, control, and articulation contributing to a cohesive soundstage.
- Midrange frequencies are the standout strength, offering a balanced tonal density. Captures the nuances of vocals, violins, and cellos, while striking a pleasing balance between warmth and detail.
- The treble performance is spacious and non-fatiguing, with a gently rounded top-end. Ideal for systems prioritizing musicality and comfort.





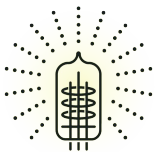
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# Our Philosophy

Tube audio has brought audiophiles together for decades, but in recent years, it's **become more difficult to access than ever**. Ray Tubes is on a mission to change that. With rigorous quality control standards backed by the Ray Tubes One Year Warranty, **Ray Tubes is making reliable, consistent vacuum tubes accessible to everyone**—audiophiles old and new, musicians, retailers and amp designers around the world, and why not, even that one guy who just thinks tubes look cool on his shelf.

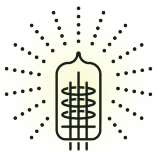
The bottom line: Ray Tubes puts in the work so you can experience the warm, vintage sound of tube audio **without the hassle**.



# Our Quality Control

Each tube undergoes **a seven-step quality control process**, including a 24-hour burn-in period, stress tests to minimise microphonics, and critical parameters that are carefully measured to ensure consistency and accurate matching. Finally, sound engineers assess each tube **under real-world listening conditions**.

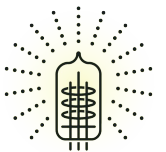
By the end of the quality control process, **only 5% of tubes commissioned for production meet Ray Tubes' standards**.





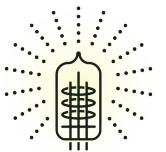
# Our Warranty

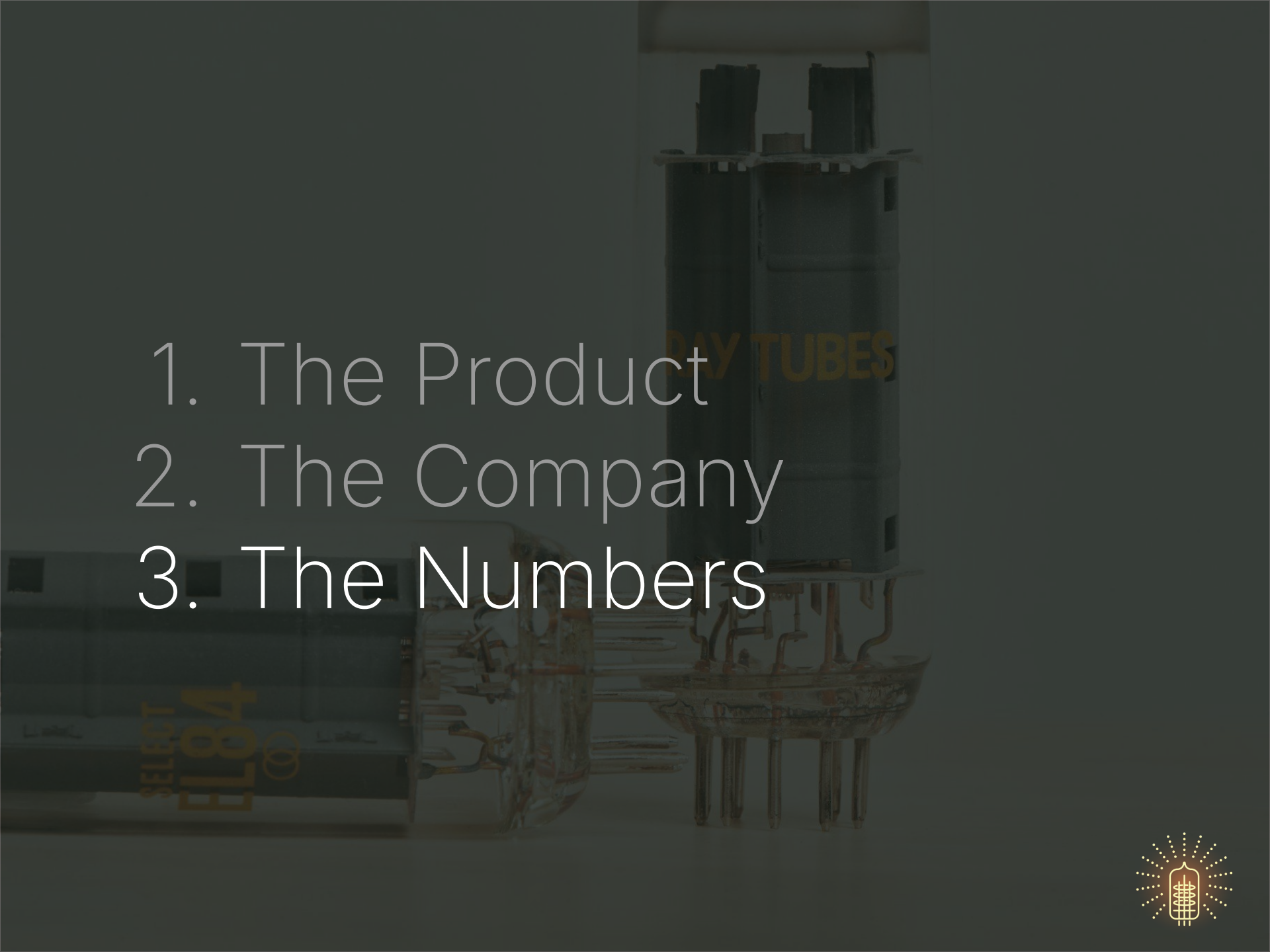
Books have been written about the countless ways vacuum tubes can and do fail. With most manufacturers, and all New Old Stock, a tube failure leaves the user high and dry. Ray Tubes is different. All Ray Tubes products are backed by the **Ray Tubes One Year Warranty**, which covers manufacturing defects for twelve months from the date of purchase.



# Partnership and Feedback

Ray Tubes is always looking to improve their products and expand their wonderful network of retail, brand, and studio partners. Is there a tube you'd love to see in the lineup? Are you interested in stocking Ray Tubes, collaborating on a product, or showing off Ray Tubes in your space? Or do you simply have a comment or question you'd like to share? Get in touch at **[help@raytubes.com](mailto:help@raytubes.com)**.

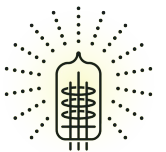


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# Technical Specification

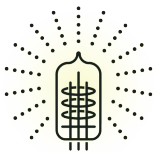
- **Tube Type:** 6SL7
- **Tube Socket:** 8-pin
- **Filament (Heater) Ratings**
  - **Filament Voltage:** 6.3V
  - **Filament Current:** 0.3A
- **Maximum Ratings (per triode)**
  - **Plate Voltage:** 300 V
  - **Grid Voltage:** 0 V
  - **Plate Dissipation:** 1 W
  - **Heater-to-Cathode Voltage:**  $\pm 90$  V



# Technical Specification

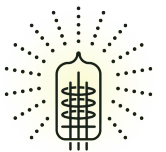
- **Static Characteristics (under typical conditions)**

- **Plate Voltage:** 250 V
- **Grid Voltage:** -2 V
- **Plate Current:** 2.3 mA
- **Transconductance:** 1.6 mA/V
- **Plate Resistance:** 44 k $\Omega$
- **Amplification Factor:** 70



# Package Contents

- Set of two or single vacuum tube
- User handbook featuring burn-in guidelines
- Certificate of authenticity and warranty

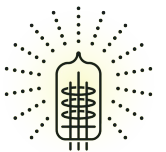




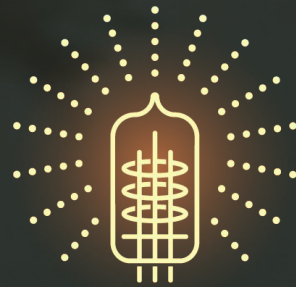
# Ray Tubes Retail Partners

Local audio retailers are the beating heart of any community of audiophiles. No one's better placed to help you with every aspect of your purchase than your local retailer, and part of the Ray Tubes mission is to support those retailers in any way possible. That's why there are no direct sales through the Ray Tubes website. Instead, check out the extensive network of Ray Tubes retail partners at <https://raytubes.com/pages/retailers>.

You won't be disappointed.







# RAY TUBES

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