

# 7868 National Gold Tube

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Voltages applied to the tube:

Filament Voltage	6.3V
Plate Voltage	200.0V
Screen Grid Voltage	200.0V
Control Grid Voltage	-5.0V

Limits:

Max. Noise Level	2.0 mVrms
Max. Microphonics	8.0 mVrms

A tube with a noise level greater than 2.0 mVrms would be rejected.

Microphonics are measured while the tube is being tapped. A tube with a microphonics measurement of 8.0 mVrms or less is accepted, while a tube with a measurement greater than 8.0 mVrms is rejected.

## Output Current Scales For Matching

No.

1. 35.0 mA - 38.0 mA
2. 38.1 mA - 41.0 mA
3. 41.1 mA - 44.0 mA
4. 44.1 mA - 47.0 mA
5. 47.1 mA - 50.0 mA

No.

6. 50.1 mA - 53.0 mA
7. 53.1 mA - 56.0 mA
8. 56.1 mA - 59.0 mA
9. 59.1 mA - 62.0 mA
10. 62.1 mA - 65.0 mA