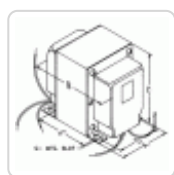


## Tube Output (30 - 75 Watts) Single Ended - HI-FI 1627-1642 Series

### Features



- "Over designed" for high fidelity, single ended, Class-A, tube output circuits (triode, tetrode or pentode tubes).
- Enclosed (shielded), four slot, chassis Type "X" mounting.
- Frequency response at least 20 Hz. to 20 Khz. at full rated power (+/- 1 db max., ref. 1 Khz.)
- Insulated flexible leads 8" min.
- For maximum versatility, all units (except the 1642SE & 1638SEA) include a 40% screen tap for Ultra-Linear, tetrode/pentode operation (if desired). The 1642SE & 1638SEA do NOT include this screen tap as they were designed principally for high impedance triode tubes.
- High quality laminations, (M6) grain oriented silicon steel.
- Core is gapped to reduce core saturation in Class-A tube amplifier circuits.
- For general purpose or replacement use in single ended tube output circuits see our **125SE Series**.

Part No.	Audio Impedance		Primary		Ultra-Linear		Secondary	Hipot	Weight	Overall Dimensions					Mounting
	Watts	(Ohms)	Max. DC	Inductance	40% Primary	Tap				A	B	C	D	E	
<b>1640SEA</b>	30	1250	200 ma.	14 Henrys	Yes		42468	2000	11	3.75	4.95	4.56	3.00	3.90	0.20 x 0.38
<b>1627SEA</b>	30	2500	160 ma.	20 Henrys	Yes		42468	2000	11	3.75	4.50	4.56	3.00	3.81	0.20 x 0.38
<b>1630SEA</b>	30	3500	135 ma.	42 Henrys	Yes		42468	2000	11	3.75	4.98	4.65	3.00	3.90	0.20 x 0.38
<b>1628SEA</b>	30	5000	120 ma.	48 Henrys	Yes		42468	2000	11	3.75	4.50	4.56	3.00	3.81	0.20 x 0.38
<b>1642SE</b>	75	5000	300 ma.	53 Henrys	No		42468	3500	28	4.38	7.50	5.25	3.50	5.88	0.20 x 0.38
<b>1629SEA</b>	30	6500	100 ma.	55 Henrys	Yes		42468	2000	11	3.75	4.50	4.56	3.00	3.88	0.20 x 0.38
<b>1638SEA</b>	30	10000	90 ma.	88 Henrys	No		42468	2000	11	3.75	4.88	4.56	3.00	3.90	0.20 x 0.38

- RED wire connects to B+
- BLUE/YELLOW wire connects to screen (optional use)
- BLUE wire connects to the tube plate
- The 1642SE & 1638SEA do not include a primary screen tap (as they are designed for triode applications).

### Suggested Tube Types:

Part No.	Triodes	Pentodes
<b>1640SEA</b>	Parallel - 2A3, 6A3, 6B4G, 300B, 572B, 811A	Parallel - 6550, 6CA7
<b>1627SEA</b>	2A3, 6A3, 6B4G, 300B	6CA7, 6L6, 807, 5881, 6550, Parallel - 6AQ5, 6V6, EL84
<b>1630SEA</b>	2A3, 6A3, 6B4G, 300B	6CA7, 6L6, 807, 5881, 6550, Parallel - 6AQ5, 6V6, EL84
<b>1628SEA</b>	211, 300B, 572B, 811A	6AQ5, 6V6, 6L6, 807, 5881, 6550, EL84

Part No.	Triodes	Pentodes
<b>1642SE</b>	Parallel - 211, 572, 811A, 845	-
<b>1629SEA</b>	211, 811A, 572B, 845	6AQ5, 6V6, 6L6, 807, 5881, 6550, EL84
<b>1638SEA</b>	211, 845	-

**Notes:** The above examples of possible combinations are to help you narrow down the choices of transformers for your favorite tube types. How you operate the tubes (ultra-linear, bias, plate voltage, operating points, etc.) will change optimum plate load impedance. Only a few of the most popular tubes are shown. A tube manual or tube manufacturer's technical data sheets should be consulted first, before making a decision on a proper output transformer.

*Data subject to change without notice*

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