

AWA VALVE RC Oscillator 3A57150

Serial No. 96

20Hz-200kHz, 600 ohm balanced/unbalanced and high Z. 0 to 60dB attenuator. 15VAC meter

Valves: 2x 12AU7 ; 6AU6 ; 6AQ5 ; 6X4W ; Ceramic valve bases with gold pins - 3x 7 pin; 2x 9-pin.

Transformers:

2TJ57815 PT 0/#7;220/#6;240/#5;260/#4; 6.3V 0.6A/#3-#4; 6.3V 1.35A /#8 - #9; ~300/#12 - 0/#13 - 300V/#14 (220+205 ohm DCR; approx 50mADC output HT rating); ES/#13. 1A mains fuses.

2TX57754 T1 PP primary CT (1-2-3); secondary (5-6); 2-2/1 turns ratio (eg. 10k PRI PP: 600 secondary).

2TU57755 T2 2x separate primary (1-2, 3-4); 2x separate secondary (5-6, 7-8); 4,4/1,1 turns ratio (eg. 4k8,4k8/600,600).

Colvern 22k ww pot. Welwyn ww resistors. High stability (salmon pink 5th colour band) precision 1% and 5% resistors in frequency band multiplier and output attenuator sections.

6AU6 oscillator. Switched resistors for frequency decades. Two twin-ganged air tuning caps - one to ground, one isolated. Bulbs in cathode. 6AQ5 buffer amplifier feeding output level pot. 12AU7 gain stage, 12AU7 gain/feedback feeding 2x 12AU7 in schmidt (I think) with transformer push-pull loading (T1, but includes T2).



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