SERVICE BULLETIN
FOR
MODEL 315B SOLID STATE FM STEREO TUNER

SPECIFICATIONS

Usable Sensitivity (IHF) 2 uv
Cross Modulation Rejection 80 db
Signal to Noise Ratio 60 db
Total Harmonic Distortion 0.8 %
Frequency Deviation less than 0.02%
Frequency Response 50-15,000 cps ± 1 db
Capture Ratio 2.5 db
Selectivity 45 db
Hum -65 db
AM Suppression 55 db
Separation 40 db
Audio Output (100% modulation) 2.0 v
Tuning Range 87-109 mc
Accuracy of Calibration 0.5 %

Output Impedance
Recommended Load Resistance: greater than 25K ohms
Recommended Cable Capacitance: less than 400pf

Range of Line Voltage and Frequency
105-125v/50-60 cps

Power Consumption - AC ONLY - DO NOT OPERATE WITH DIRECT CURRENT
6 watts @ 117 v

* This is limit of F.C.C. specifications. ALL SCOTT tuners have far wider frequency response.

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PREAMP Z-PC-P-8

NOTES:
1. UNLESS OTHERWISE SPECIFIED: RESISTORS IN OHMS AND 1/4 WATT CAPACITORS IN MFD.
2. VOLTS DC 3.15V MEASURED WITH 2OK-0 VOM NO SIGNAL AND 117V LINE
3. ARROW HEADS INDICATE MAIN SIGNAL PATH.

HIGHEST SERIES NUMBERS

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<tr>
<th>CB</th>
<th>C10B</th>
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<tr>
<td>R10</td>
<td>R110</td>
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<td>Q5</td>
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DATE 8 NOV 60
DUTY 2/12000000
CIRCUIT DIAGRAM
H.H.SCOTT, INC.
4205 E 11th Ave.
Sheets of 2
C Z-PC-P-8