WORKSHOP PLANS

for the

NE®PHYTE
AUDIO AMPLIFIER

PRESENTED FREE WITH
OCTOBER 1969
issue of

THE
RADIO CONSTRUCTOR

Open out for Point to Point Wiring Diagram,
Drilling Plan, Tables, etc.

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VOLTAGE TESTS
TABLE

The voltage readings given below are with respect to chassis, and were obtained with a 20,000 ohm per volt meter switched to appropriate ranges. Mains voltage was 240V. It should be noted that these readings are typical only and that circuit tolerances may result in variations of up to some +10/.

<table>
<thead>
<tr>
<th>Circuit Point</th>
<th>Chassis Position</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 cathode</td>
<td>Pin 2, V1</td>
<td>1.6V</td>
</tr>
<tr>
<td>V1 anode</td>
<td>Pin 7, V1</td>
<td>140V</td>
</tr>
<tr>
<td>V2 cathode</td>
<td>Pin 3, V2</td>
<td>11V</td>
</tr>
<tr>
<td>V2 screen-grid</td>
<td>Pin 8, V2</td>
<td>240V</td>
</tr>
<tr>
<td>V2 anode</td>
<td>Pin 7, V2</td>
<td>230V</td>
</tr>
<tr>
<td>Junction R2, R3</td>
<td>Tag 19</td>
<td>0.15V</td>
</tr>
<tr>
<td>H.T. voltage (C7A)</td>
<td>Tag 6</td>
<td>250V</td>
</tr>
<tr>
<td>H.T. voltage (C7B)</td>
<td>Tag 10</td>
<td>260V</td>
</tr>
</tbody>
</table>
DRILLING INSTRUCTIONS

TOP VIEW OF CHASSIS

TOP VIEW OF FRONT APRON

REAR VIEW OF REAR APRON

A - 88A steel
B - 88A then
THE RADIO CONSTRUCTOR

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WIRING DETAILS

Sleeving

Fit grommet

From T1 primary

6.3V from T2

230V from T2

In T1 secondary

Fit grommet

Terminal board

From T2 primary

48A Tag

Earth

3-core mains lead

Fit grommet

Line

Neutral

Cable clamp

Detail of tag-strips

Lower tags

Upper tags

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