

# KOLSTER-BRANDES LIMITED

FOOTSCRAY

SIDCUP

KENT

## SERVICE DATA SUPPLEMENT

Issued  
June, 1951

The following omissions and alterations, if added to existing Service Data Sheets, will bring them up to date:—

<p>Model No. <b>GR 10</b></p>	<p>This Model is similar to Model FR 10 and it is not proposed to issue a separate Manual. The change in spare parts is as follows.</p> <table border="0"> <tr> <td>Cabinet</td> <td>Pt. No. 174/220.</td> <td>Volume Control</td> <td>Pt. No. 80623/1.</td> </tr> <tr> <td>Cabinet Back</td> <td>„ „ 174/222.</td> <td>Tone Control</td> <td>„ „ 80622/B.</td> </tr> <tr> <td>Speaker</td> <td>„ „ 174/250.</td> <td>Wave Change Sw.</td> <td>„ „ 196/203/2.</td> </tr> <tr> <td>Scale</td> <td>„ „ 174/200.</td> <td>Output Transformer</td> <td>„ „ 196/95/1.</td> </tr> </table> <p>A Miniature-Valved Edition of GR 10 will be produced shortly and a new Manual will be issued to cover same.</p>	Cabinet	Pt. No. 174/220.	Volume Control	Pt. No. 80623/1.	Cabinet Back	„ „ 174/222.	Tone Control	„ „ 80622/B.	Speaker	„ „ 174/250.	Wave Change Sw.	„ „ 196/203/2.	Scale	„ „ 174/200.	Output Transformer	„ „ 196/95/1.
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<p><b>GR 15</b></p>	<p>This Model is similar to Model FR 15, except for the following spare parts.</p> <table border="0"> <tr> <td>Cabinet</td> <td>Pt. No. 175/220.</td> <td>Tone Control</td> <td>Pt. No. 80653/1.</td> </tr> <tr> <td>Cabinet Back</td> <td>„ „ 175/222.</td> <td>Wave Change Sw.</td> <td>„ „ 160/111/1.</td> </tr> <tr> <td>Scale</td> <td>„ „ 175/200.</td> <td>Tuning Spindle</td> <td>„ „ 160/202/3.</td> </tr> <tr> <td>Volume Control</td> <td>„ „ 80652/1.</td> <td>Speaker</td> <td>„ „ 174/250.</td> </tr> </table>	Cabinet	Pt. No. 175/220.	Tone Control	Pt. No. 80653/1.	Cabinet Back	„ „ 175/222.	Wave Change Sw.	„ „ 160/111/1.	Scale	„ „ 175/200.	Tuning Spindle	„ „ 160/202/3.	Volume Control	„ „ 80652/1.	Speaker	„ „ 174/250.
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<p><b>FG 50</b></p>	<p>On Models produced recently it will be found that the 7R7 valve has been superseded by Valve Type 6BA6. The performance is not affected by this change and the only modification necessary is to replace R16 (100k ohms) with a 33k ohm.</p>																
<p><b>GENERAL</b></p>	<p>A gradual change over in current sets using 6BW6, 6X4 and 6AT6 instead of 6V6GT, 6X5 and 6Q7GT.</p> <table border="0"> <tr> <td>6BW6</td> <td>Heater Pins 4, 5 Grid Pin 2</td> <td>Cathode Pins 3, 9 Anode Pin 7</td> <td>Screen Pin 8</td> </tr> <tr> <td>6AT6</td> <td>Heater Pins 3, 4 Grid Pin 1</td> <td>Cathode Pin 2 Anode Pin 7</td> <td>Diode Pins 5, 6</td> </tr> <tr> <td>6X4</td> <td>Heater Pins 3, 4</td> <td>Cathode Pin 7</td> <td>Anode Pins 1, 6</td> </tr> </table>	6BW6	Heater Pins 4, 5 Grid Pin 2	Cathode Pins 3, 9 Anode Pin 7	Screen Pin 8	6AT6	Heater Pins 3, 4 Grid Pin 1	Cathode Pin 2 Anode Pin 7	Diode Pins 5, 6	6X4	Heater Pins 3, 4	Cathode Pin 7	Anode Pins 1, 6				
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<p><b>EWR 60</b></p>	<p>Only one 6X5 Rectifier is now used on the modified version. No relay supply is now required.</p>																