AUTO TRANSFORMERS

for use in

SOUND SYSTEMS

THE WESTERN ELECTRIC 18A and 19A Auto Transformers are intended to provide the proper impedance relations between amplifiers and loud speakers. These two transformers have the same impedance ratios and cover the same frequency range, but differ in size and power handling capacity.
The impedance ratios and other electrical and mechanical characteristics follow:

Frequency Range — 50 - 15,000 cycles
Average Loss —

<table>
<thead>
<tr>
<th></th>
<th>18A</th>
<th>19A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.35 db</td>
<td>0.1 db</td>
</tr>
</tbody>
</table>

Power Capacity —

<table>
<thead>
<tr>
<th></th>
<th>18A</th>
<th>19A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50 watts continuous</td>
<td>200 watts continuous</td>
</tr>
<tr>
<td></td>
<td>500 watts on speech or music</td>
<td>from 100 - 15,000 cycles</td>
</tr>
</tbody>
</table>

These power ratings hold only to tap 10. For lower taps reduce ratings 2 db or 0.651% per tap.

Insulation —

<table>
<thead>
<tr>
<th></th>
<th>18A</th>
<th>19A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2000 volts AC</td>
<td>3000 volts AC</td>
</tr>
</tbody>
</table>

Weight —

<table>
<thead>
<tr>
<th></th>
<th>18A</th>
<th>19A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9 lbs., 3 oz.</td>
<td>27 lbs.</td>
</tr>
</tbody>
</table>

Size —

See dimensional drawings below.

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**Distributor in the United States**

**Graybar Electric Company**

General Offices: 520 Lexington Avenue, New York, N.Y.

A National Electric Service

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**General Distributor for Canada and Newfoundland**

**Northern Electric Company Limited**

General Offices and Plant: 1201 Shearer Street, Montreal, P. Q.

Twenty-one Branches from Coast to Coast

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**Distributor in Other Countries**

**International Standard Electric Corporation**

07 Broad Street

New York, U.S.A.

Offices in all principal cities

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