

**LECTERNETTE
MODEL L30-20**

SOUND CRAFT SYSTEMS, INC.
Petit Jean Mountain
Morrilton, Arkansas

COMPONENT PARTS LIST

RESISTORS 1/2 WATT

| | |
|-----------------------|------|
| RESISTORS OHMS | |
| R1 | 68 |
| R2 | 68 |
| R3 | 10K |
| R4 | 10K |
| R5 | 100K |
| R6 | 100K |
| R7 | 10K |
| R8 | 10K |
| R9 470 to | 3.3K |
| R10 | 3.3K |
| R11 | 3.3K |
| R12 phono | 50K |
| R13 | 6.8K |
| R14 | 100K |
| R15 | 6.8K |
| R16 470 to | 3.3K |
| R17 | 3.3K |
| R18 | 15K |
| R19 treb. | 50K |
| R20 | 470 |
| R21 bass | 10K |
| R22 1K to | 3.3K |
| R25 | 100K |
| R26 | 10K |
| R27 | 120 |
| R28 | 1K |
| R29 22K to | 47K |
| R30 vol. | 100 |
| R31 | 2.7K |
| R32 | 68 |
| R33 | 68 |

RESISTORS OHMS (Cont'd.)

| | |
|------------|------|
| R34 | 270 |
| R35 bias | 10 |
| R40 1K to | 3.3K |
| R41 | 10K |
| R42 | 100K |
| R43 | 120 |
| R44 | 1K |
| R45 vol. | 100 |
| R47 | 68 |
| R48 | 2.7K |
| R49 | 68 |
| R50 | 270 |
| R55 220 to | 470 |
| R56 | 220 |

CAPACITORS MFD

| | |
|-----|-----------|
| C1 | .005/200V |
| C2 | 2/6V |
| C3 | .005/200V |
| C4 | 2/6V |
| C5 | 100/15V |
| C6 | 2/6V |
| C7 | 2/6V |
| C8 | 25/6V |
| C9 | 100/15V |
| C10 | 25/200V |
| C11 | 25/200V |
| C13 | .05/200V |
| C14 | .25/200V |
| C15 | .05/200V |
| C16 | .01/200V |

CAPACITORS MFD (Cont'd.)

| | |
|-----|-----------|
| C18 | .005/200V |
| C20 | 25/6V |
| C21 | .05/200V |
| C22 | 25/6V |
| C23 | 100/15V |
| C24 | 100/15V |
| C28 | 25/9V |
| C30 | .05/200V |
| C31 | 25/6V |
| C32 | 25/6V |
| C33 | 100/15V |
| C35 | 100/15V |
| C40 | 400/35V |
| C41 | 400/35V |
| C42 | 100/25V |
| C43 | 400/35V |

CONNECTORS

| | |
|------|-------------------|
| J1 | Lectern Mic. |
| J2 | Aux. Mic. |
| J3 | Phono |
| J4 | Recorder |
| J5 | 12V D.C. Jack |
| J5P | 12V D.C. Plug |
| SK1 | 115V Connector |
| SK2 | 115V Outlet |
| SK3 | A.C. Light Outlet |
| SK3P | A.C. Light Plug |
| SK4 | Speaker Outlets |

SWITCHES

| | |
|-------|-------------------|
| SW1 | Manual Power |
| SW2 | Power Line Safety |
| SW3 | AC/DC Lights |
| J1SW | Mic. Jack |
| J2SW | Mic. Jack |
| R30SW | Vol. Control |
| R45SW | Vol. Control |

MISCELLANEOUS

| | |
|--------|-------------------|
| B2 | 2-F4BW Batteries |
| SP | 4-4" Speakers |
| L4 | 4-No. 51 Lamps |
| M1 | Battery Meter |
| F1 | 2 Amp. Fuse |
| D1 1/2 | Silicon Rectifier |
| D3 1/2 | Silicon Rectifier |
| D5 | Zener Diode |

TRANSISTORS

| | |
|-------------|------------------|
| Q1, 2, 3, 4 | Preampl. Driver |
| Q5 & 9 | |
| Q6, 7, 10 | Output Regulator |
| Q8 & 11 | |
| Q14 | |

TRANSFORMERS

| | |
|--------|--------|
| T1 & 3 | Driver |
| T2 & 4 | Output |
| T5 | Power |

SERVICING INFORMATION

| Transistor | Collector | Base | Emitter | Transistor | Collector | Base | Emitter |
|------------|-----------|------|---------|------------|-----------|------|---------|
| Q1 | 0 | .18 | 3 | Q7 | 0 | .18 | 12 |
| Q2 | 0 | .18 | 3 | Q8 | .4 | .5 | 9 |
| Q3 | 0 | .18 | 4 | Q9 | 0 | .2 | 8.5 |
| Q4 | .4 | .5 | 9 | Q10 | 0 | .18 | 12 |
| Q5 | 0 | .2 | 8.5 | Q11 | 0 | .18 | 12 |
| Q6 | 0 | .18 | 12 | Q14 | 12 | 12.5 | 21 |

Approximate D.C. Voltage readings to chassis (-) with no signal.
 Input Impedance..... 250 Ohm Sensitivity..... 6 millivolt Gain..... 82db
 Output..... 10 watt Distortion..... 3.5% Output Impedances..... 4/8/16 ohms

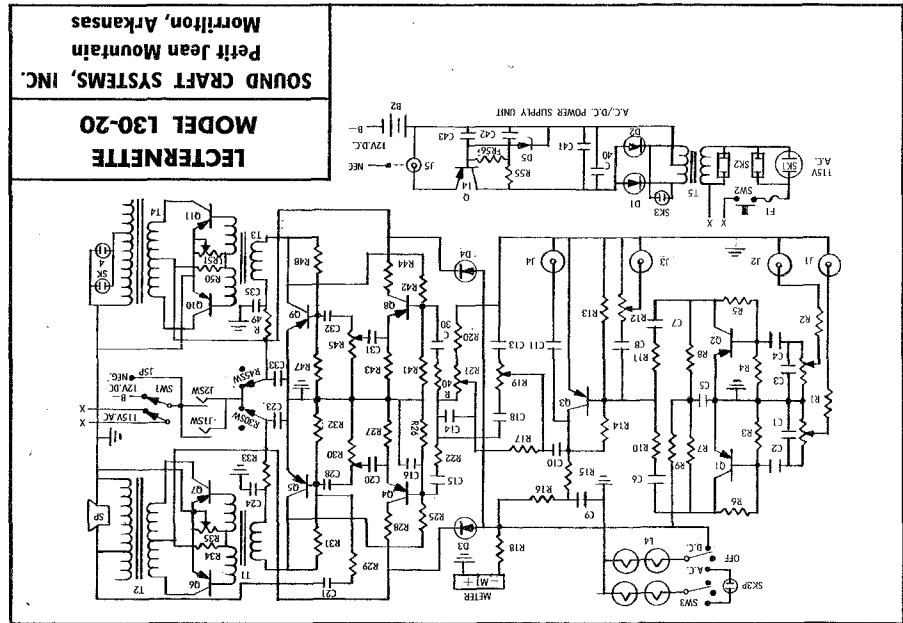
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| | | | | | | | | |
|--|----|----|-----|-----|-----|----|------|-----|
| Approximate D.C. Voltage readings to chassis (-) with no signal. | Q6 | 0 | .18 | 12 | Q14 | 12 | 12.5 | 21 |
| Input Impedance..... 250 Ohm | Q5 | 0 | .2 | 8.5 | Q11 | 0 | .18 | 12 |
| Sensitivity..... 6 millivolt | Q4 | .4 | .5 | 9 | Q10 | 0 | .18 | 12 |
| Distortion..... 3.5% | Q3 | 0 | .18 | 4 | Q9 | 0 | .2 | 8.5 |
| Gain..... 82db | Q2 | 0 | .18 | 3 | Q8 | 0 | .5 | 9 |
| Output Impedances..... 4/8/16 ohms | Q1 | 0 | .18 | 3 | Q7 | 0 | .18 | 12 |

SERVICING INFORMATION

| | | |
|--------------------------|------------|-------------------|
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| | T2 & 4 | Output |
| | T5 | Power |
| CONNECTORS | J1 | Lectern Mic. |
| | J2 | Aux. Mic. |
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