

HIGH POWER SIREN DRIVER

JDS-100

SPECIFICATIONS & INSTRUCTIONS

MOOSE

APPLICATION

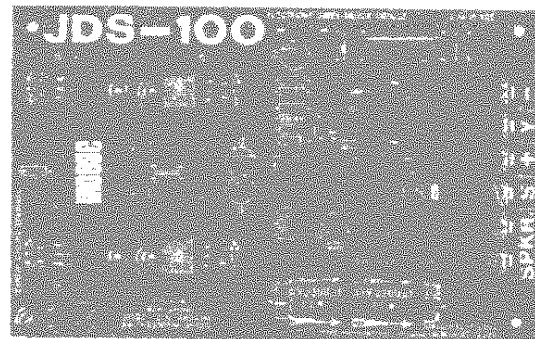
The JDS-100 Is An Exceptionally Loud Electronic Siren Driver. Its Wide Voltage Range And Loudness, Plus The Capability Of Powering From One Souce And Triggering From Another, Make This The Only Choice For Those Installations With Remote Siren Requirements.

FEATURES

- Powers Up To 4 Speakers
- Two Tones—Yelp And Steady
- Reverse Polarity Protection
- On-Board Ripple Filtering
- High Quality Components
- Quick-Lock Screw Terminals

SPECIFICATIONS

- Normal 6 To 18 Volt DC Operation
- 110 db At 10 Feet On 6 Volts DC
- 115 db At 10 Feet On 12 Volts DC
- 125 db At 10 Feet On 18 Volts DC
- Steady Overrides Yelp When Triggered At Same Time
- Metal Oxide Varistor Lightning/Transient Protection
- At 18 Volts—30 Watt Speaker Minimum
- At 12 Volts—15 Watt Speaker Minimum
- At 6 Volts—8 Watt Speaker Minimum
- Wire Size:
 - (1) Up To 150 Feet—18 Gauge Wire
 - (2) Over 150 Feet—16 Gauge Wire
- Fused At 5 Amps
- Board Size: 3.81 x 5.93 Inches
- Fail Safe: Should the optional power supply voltage drop below the output trigger voltage of the control panel, the siren driver amplifier will switch to the control panel trigger voltage.
- Mounts Through Pre-Drilled Holes Or Adhesive Foam Tape



CURRENT DRAIN

	8 Ohm Load	4 Ohm Load
6 Volts	.5 Amp	.8 Amp
12 Volts	1.0 Amp	1.7 Amp
18 Volts	1.5 Amp	2.5 Amp

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moose products inc.

INSTALLATION INSTRUCTIONS

Note 1:

More sound power can be produced from the siren driver by:

- (1) Using a higher wattage speaker.
- (2) Applying more voltage to the siren driver amplifier.

Note 2:

The steady sound will override the yelp sound if both sounds are triggered at the same time.

Added Feature:

The siren driver will operate directly from the control panel output without the optional power supply. See hookup diagram.

Note 3:

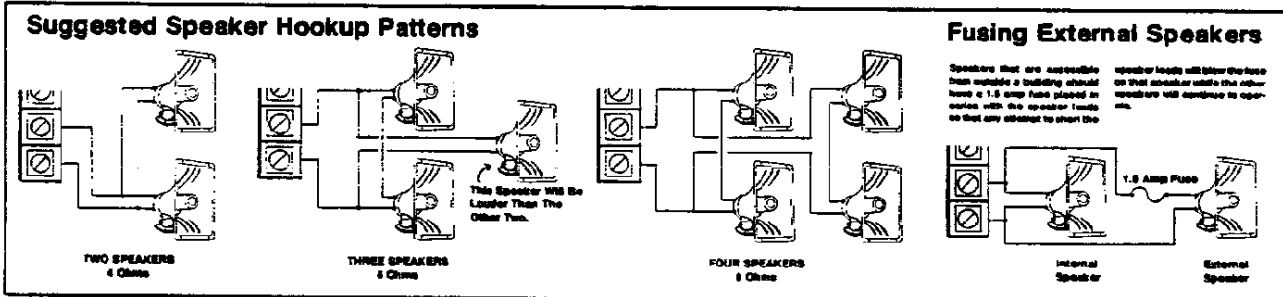
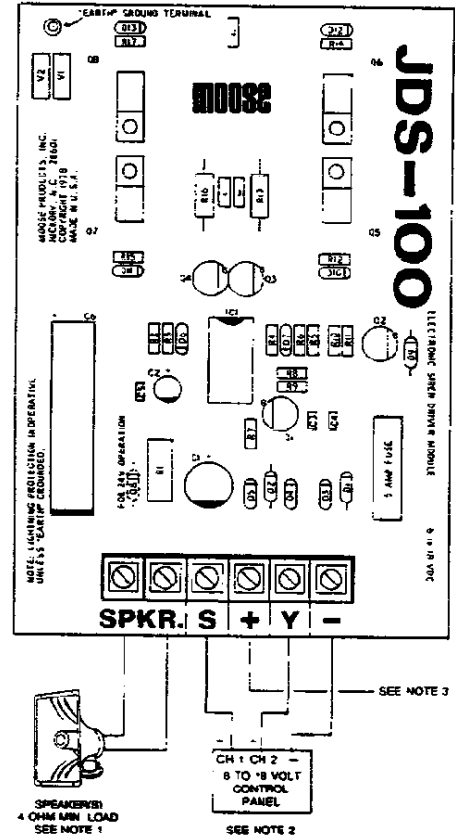
An optional power supply will allow a higher voltage than the control panel voltage to operate the siren driver amplifier. A higher voltage will produce more sound power. If the siren is to operate at the same voltage as the control panel, the optional power supply and the + (plus) terminal are not needed.

Note 4:

If an optional power supply is used, there is a maximum of 25 ma current drain from the control.

Note 5:

For CC (Carolina Cricket) sound resistors R2 and R3 should be 15K ohms.



"LIMITED WARRANTY"

Parties and Products

This warranty is extended to all purchasers of and includes products sold under the trademarks Moose or Moose Power and actually manufactured or sold by Moose Products, Inc., Hickory, N.C. 28601.

Warranty Time Period

All products covered by this warranty are date stamped with a six (6) digit number, the first digit being the tester number, the last two the year and the remaining the day of the year involved. For the eighteen months immediately subsequent to the date stamped thereon, Moose Products will replace or repair at its option, any part that proves to be defective in materials or workmanship. The cost of parts, labor and return transportation, if necessary, are included. All other costs are the responsibility of the purchaser.

Conditions and Exclusions

- (a) There is no other express warranty. All implied warranties and fitness for use are limited to the duration of the express warranty. Some states do not allow limitations on how long an implied warranty last, so the above limitation may not apply to you.
- (b) Moose Products, Inc. is not liable for indirect, incidental, or consequential damages in connection with the use of the products including but not limited to (a) any cost or expense of providing substitute equipment or service during periods of malfunction or non use and/or (b) any destruction to and/or loss of property or bodily injury.
- (c) Repairs by anyone other than Moose Products, Inc. and/or misuse by anyone voids all warranty.

Other Rights

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

Procedure

Should you discover that any products of Moose Products covered by this warranty is defective within the warranty time period, you should contact any Moose Products, Inc. dealer who will instruct you on the proper procedure. If for any reason you are dissatisfied with the suggested procedures, you may contact us in writing at:

Moose Products, Inc., P.O. Box 2904, Customer Service Department, Hickory, N.C. 28603