

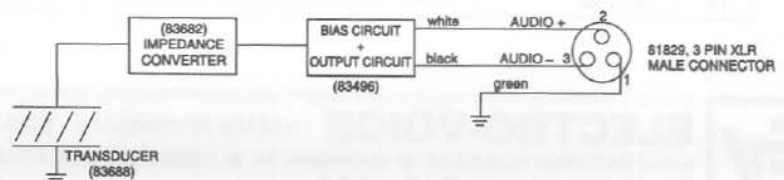
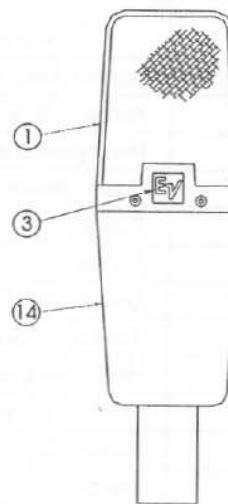
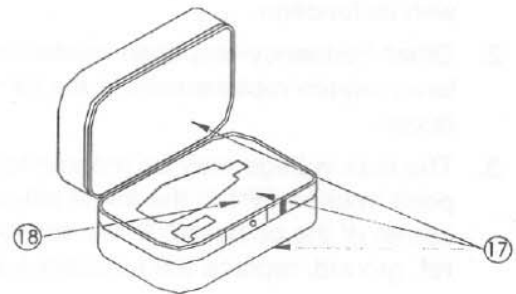
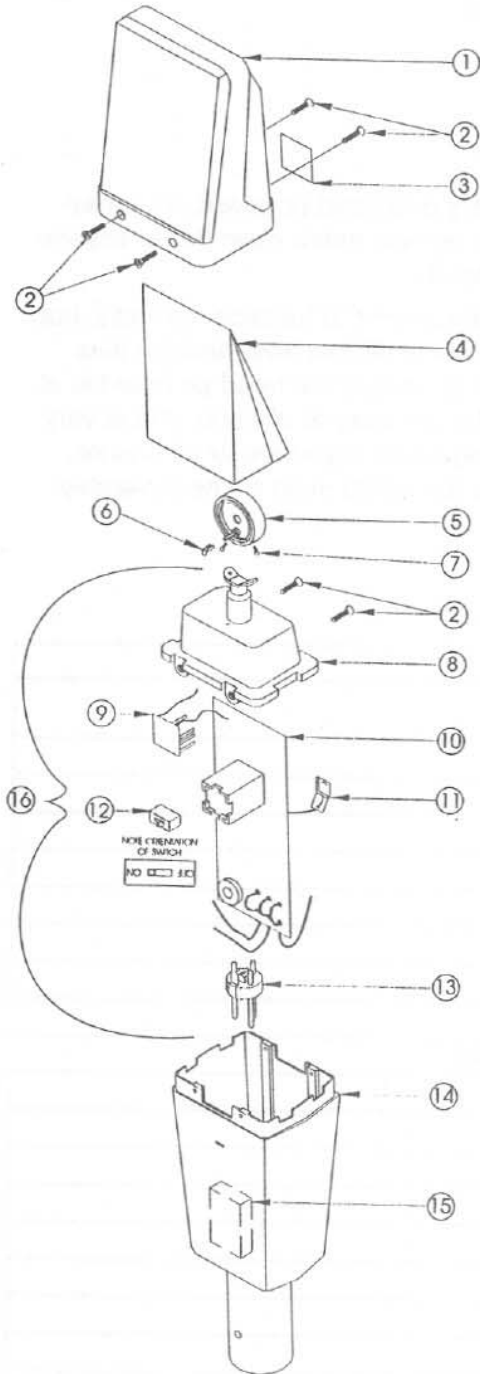


Electro-Voice®

a MARK IV company
600 Cecil Street
Buchanan, Michigan 49107
Phone: 616-695-6831
FAX: 616-695-4743
Toll-Free: 1-800-234-6831

SERVICE DATA

RE1000 Microphones



SPECIAL TOOLS REQUIRED:

low wattage soldering iron
wrist strap and grounded work mat
.050 hex wrench

BASIC DISASSEMBLY:

1. Remove four screws attaching two case halves.
2. Loosen set-screw in connector to release it from housing.
3. Remove screen assembly.
4. Loosen, but do not remove, two exposed screws.
5. Remove main frame as one unit.
6. Reassemble in reverse order, making sure switch is aligned in slot before tightening screws.

TROUBLESHOOTING:

1. The switch engages a low-frequency roll off. It is not soldered in place, and may be replaced if there is a problem associated with its function.
2. Other frequency-response-related problems require replacement of the transducer.
3. The bias voltage may be measured at the point marked TP1 in the lower left-hand corner of the pc board. If it is not $40\text{ V} \pm 2$ ref. ground, replace the amplifier sub assembly and head pc board. You may elect to replace entire main frame assembly instead.
4. If the unit seems to function normally, but is approx. 10 dB low level and the bias voltage is correct, the head pc board is at fault. It is not easy to replace, and is very static sensitive. If you are at all unsure, replace the entire main frame assembly.

PARTS LIST		DESCRIPTION
1	83680	Screen Assy. without Nameplate
2	63307CP	Screw 2-56 x 1/2 Black, Flat Head, Int. Hex
3	29256	Nameplate (Silver)
4	72786	Foam Sleeve
5	83688	Transducer
6	A79936AJ	Contact
7	L60022AP	Screw 2-56 x 1/8 Pan Head X-recess
8	83497	Transducer Support Assy.
9	83682	Head PC Board Assy. (Impedance Converter)
10	83496	PC Board Assy.
11	73108	Ground Clip
12	56172	Switch
13	81829	Insert S/A
14	B73111 EX	Pad Printed Housing
15	73112	Damping Pad
16	83494	Main Frame Assy.
17	A96088	Printed Case with Foam and Key
18	960016	Foam Only for Bottom of Case



ELECTRO-VOICE a MARK IV company 600 Cecil Street, Buchanan, Michigan 49107
MANUFACTURING PLANTS AT ■ BUCHANAN, MI ■ NEWPORT, TN ■ SEVIERVILLE, TN ■ OKLAHOMA CITY, OK ■ GANANOQUE, ONT.
© Electro-Voice, Inc. 1996 ■ Litho in U.S.A. Part Number 533340 — 9636