

Service Manual

Technics
by Panasonic

HEADPHONES

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STEREO ELECTRET HEADPHONES MODEL **EAH-80A**

SPECIFICATIONS

Max. Input Voltage: 5V (Adaptor input)
Matching Impedance: 4 to 16 Ω
Sensitivity: 101 dB (1V, 500 Hz)
Frequency Response: 20 to 20,000 Hz
Max. Output Sound
Pressure Level: 115 dB (500 Hz)

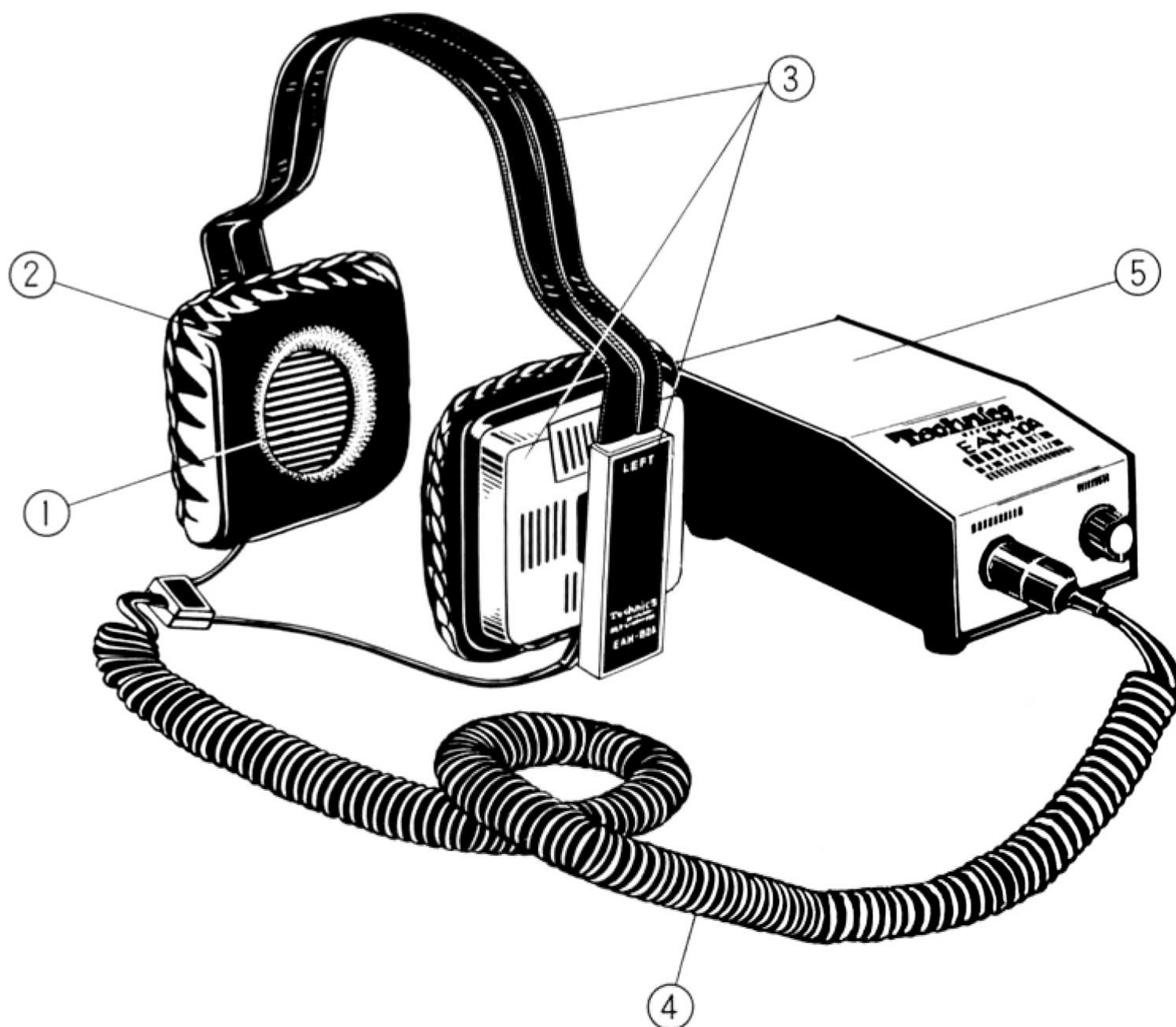
Unit Type: Electret Static Speaker
Capacitance: 160 pF (Unit and Headphones Cord)
Distortion: Less 0.8% (500 Hz, 101 dB)
Cord: Headphones: 6'7"
Adaptor: 4'11"
Net Weight: 12.5 oz.

These specifications are subject to change in order to accommodate improvements in design.

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■ HEADPHONES PARTS LOCATION



- | | | |
|--------------------|---------------|----------------------|
| ① SPEAKER ASSEMBLY | ② EAR-CUSHION | ③ HEAD-BAND ASSEMBLY |
| ④ HEADPHONES CORD | ⑤ ADAPTOR | |

Fig. 1

■ Schematic Diagram - Model EAH-80A

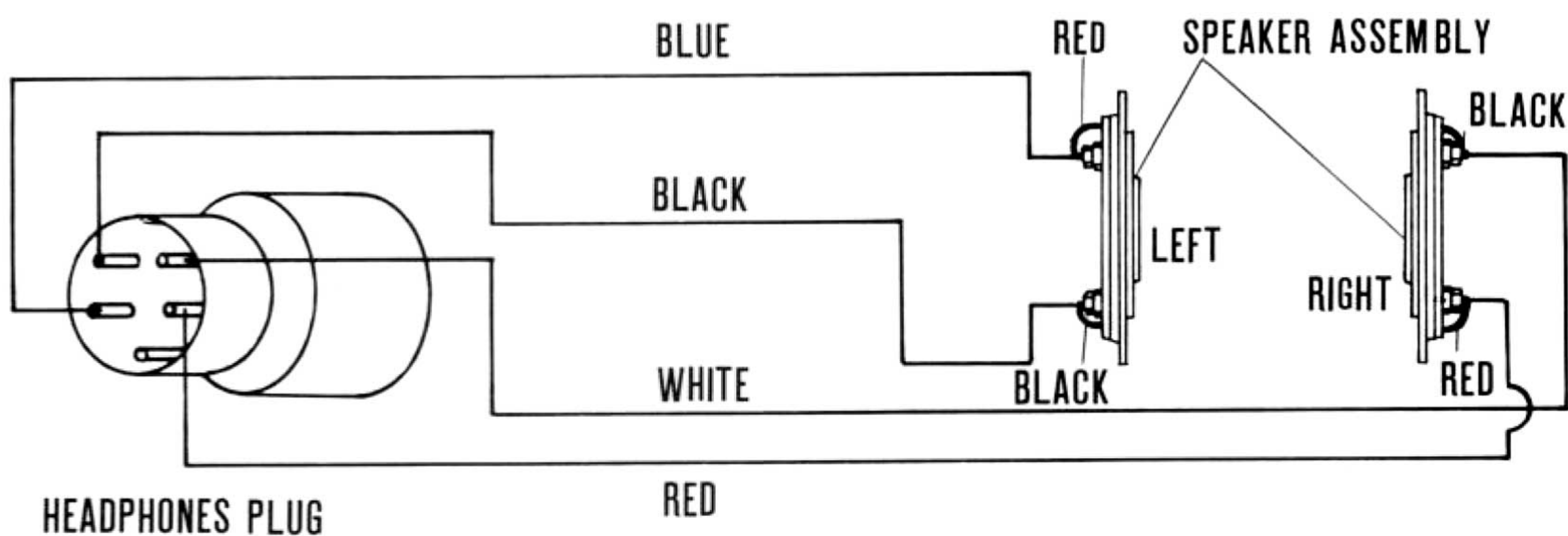


Fig. 2

DISASSEMBLY INSTRUCTIONS

■ How To Remove Ear-Cushion

1. Carefully remove the rubber cushion by pulling out the edge as shown in Fig. 3.



Fig. 3

■ How To Remove Speaker Assembly

1. Remove ear-cushion.
2. Remove 6 speaker assembly holding screws in Fig. 4.
3. Unsolder lead wires to speaker terminals (No. 1~No. 2) in Fig. 5.

NOTICE: Don't touch the surface of speaker assembly.

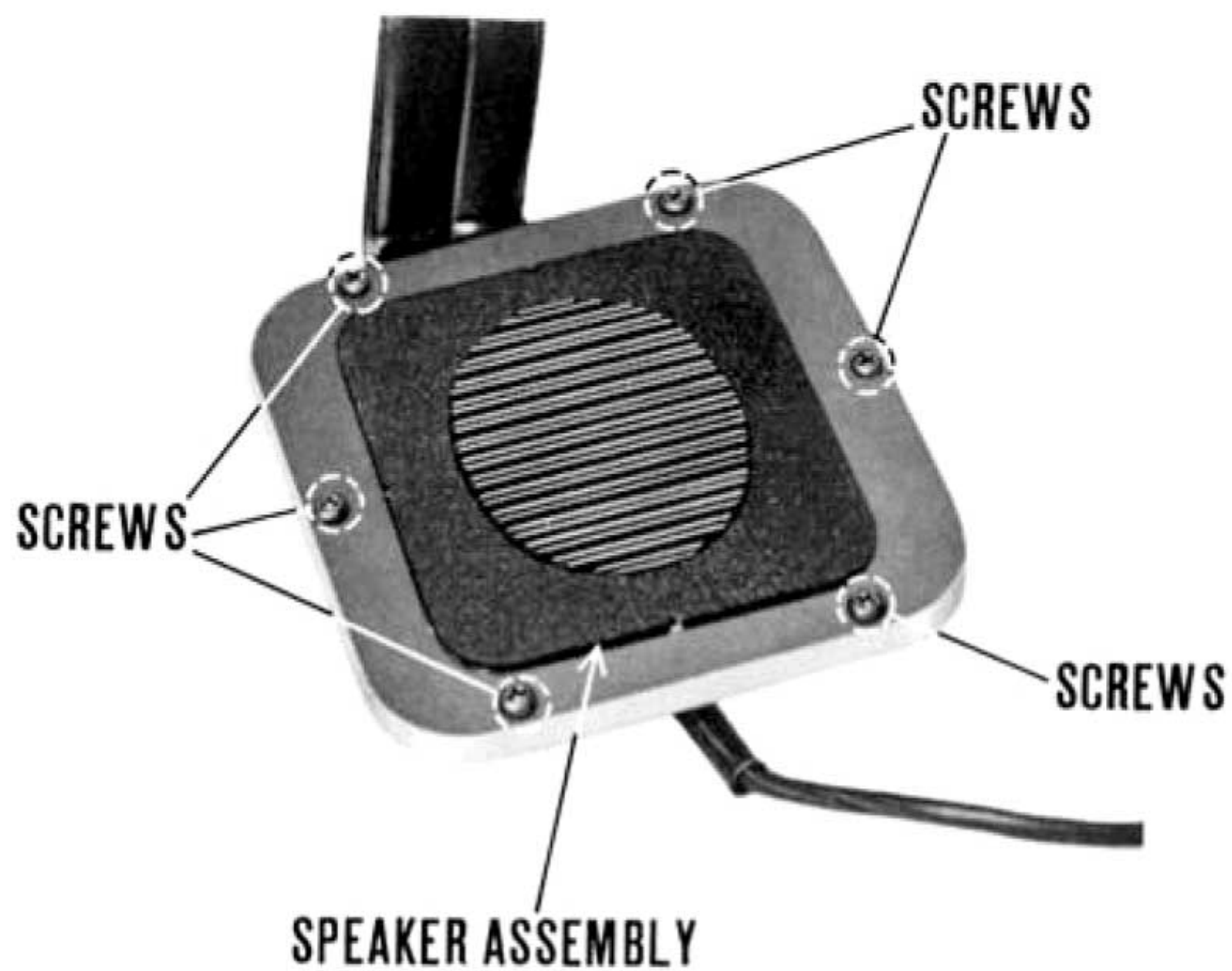


Fig. 4

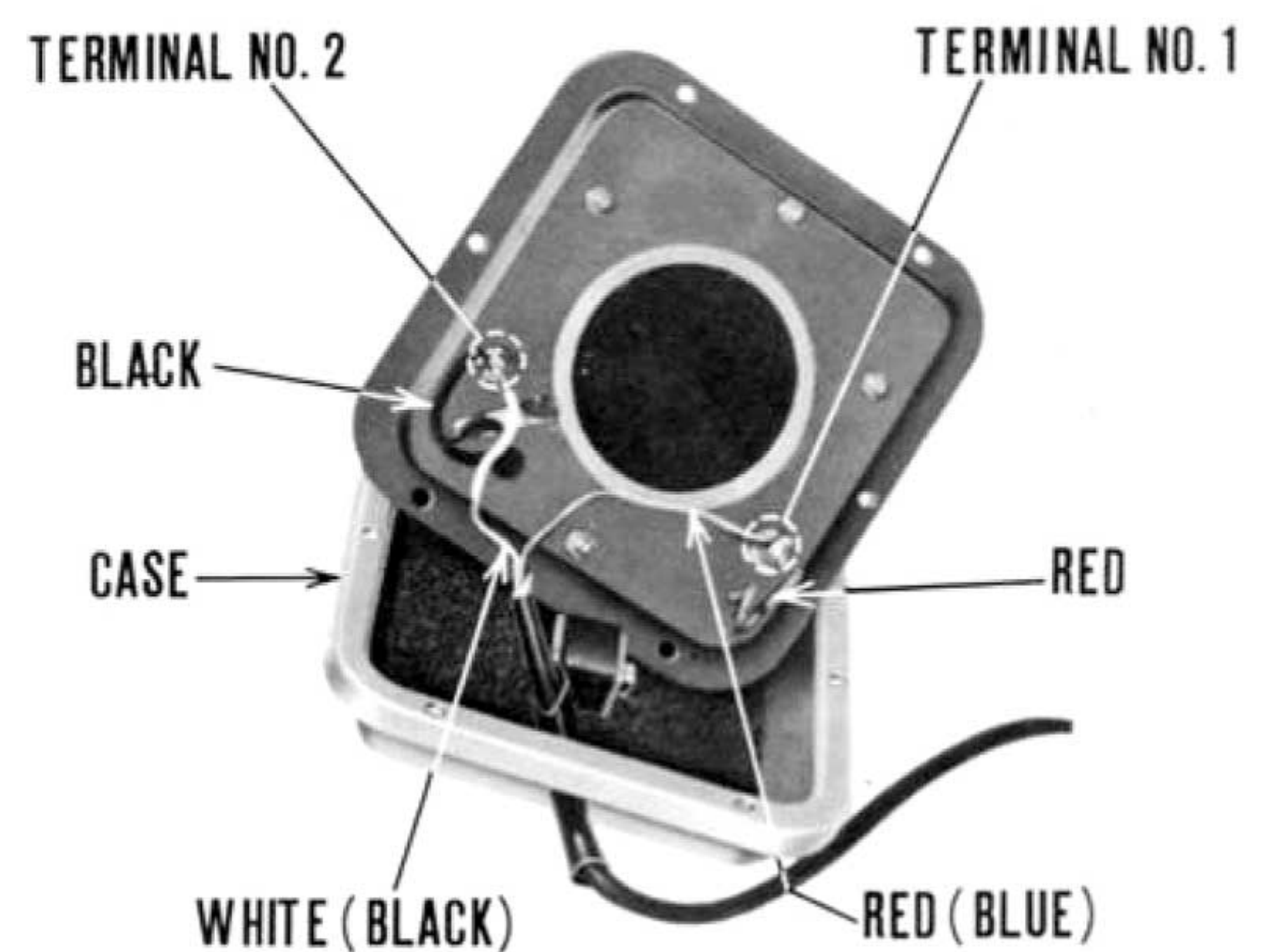


Fig. 5

■ How To Remove Headphones Cord

1. Remove speaker assembly.
2. Remove strain relief on cord (Fig. 6.),
3. Pull out the headphones cord.



Fig. 6

■ REPLACEMENT PARTS LIST

STEREO ELECTRET HEADPHONES MODEL EAH-80A

Ref. No.	Part No.	Description	Per Set (Pcs.)	Price
①	ML-007A	Speaker Assembly	2	
②	ME-004B	Ear-Cushion	2	
③	MHA-001	Head-Band Assembly	1	
④	MR-010A	Headphones Co'rd	1	
⑤	EAM-10B	Adaptor	1	