

# Service Manual

**Technics**  
by Panasonic

**HEADPHONES**

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by Panasonic



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

### SPECIFICATIONS

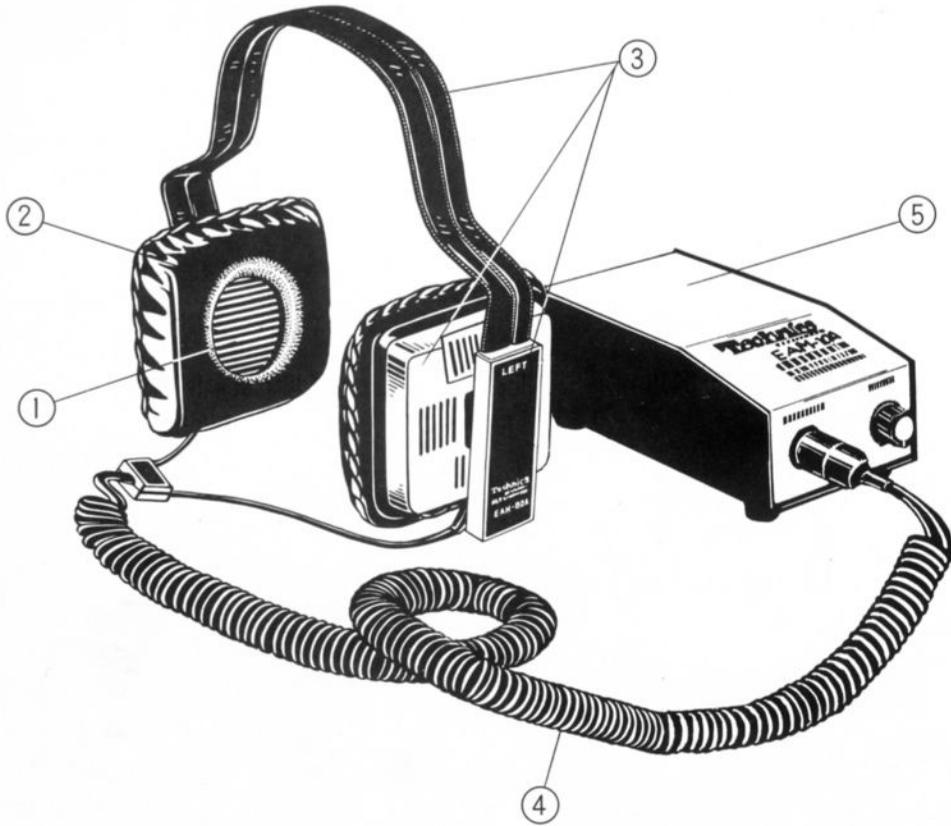
Max. Input Voltage:	5V (Adaptor input)	Unit Type:	Electret Static Speaker
Matching Impedance:	4 to 16 $\Omega$	Capacitance:	160 pF (Unit and Headphones Cord)
Sensitivity:	101 dB (1V, 500 Hz)	Distortion:	Less 0.8% (500 Hz, 101 dB)
Frequency Response:	20 to 20,000 Hz	Cord: Headphones:	6'7"
Max. Output Sound Pressure Level:	115 dB (500 Hz)	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

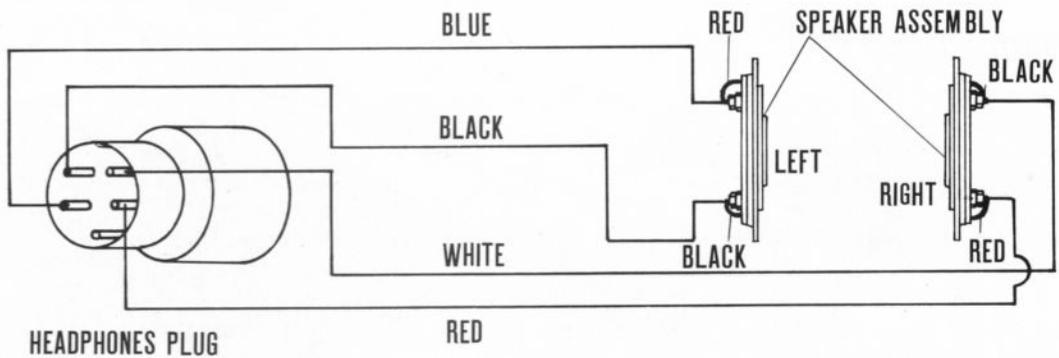


Fig. 2

# 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.

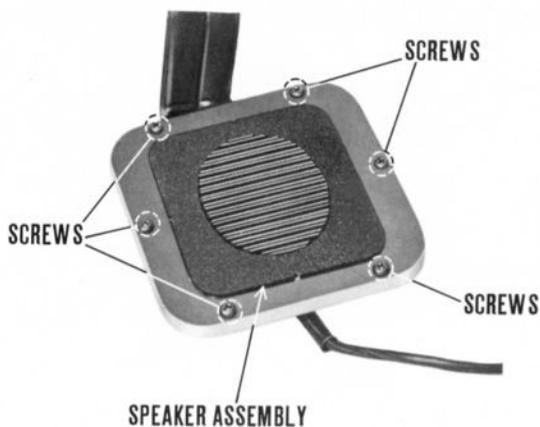


Fig. 4

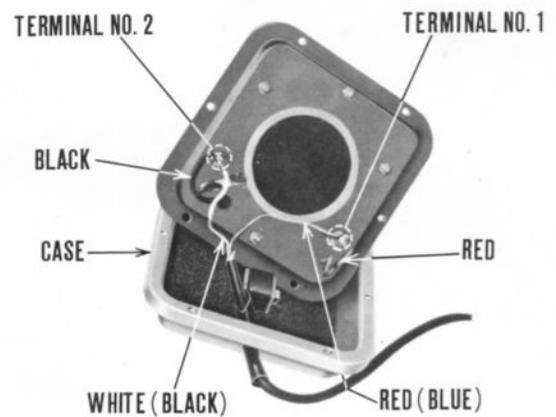


Fig. 5

## ■ 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 Cord	1	
⑤	EAM-10B	Adaptor	1	