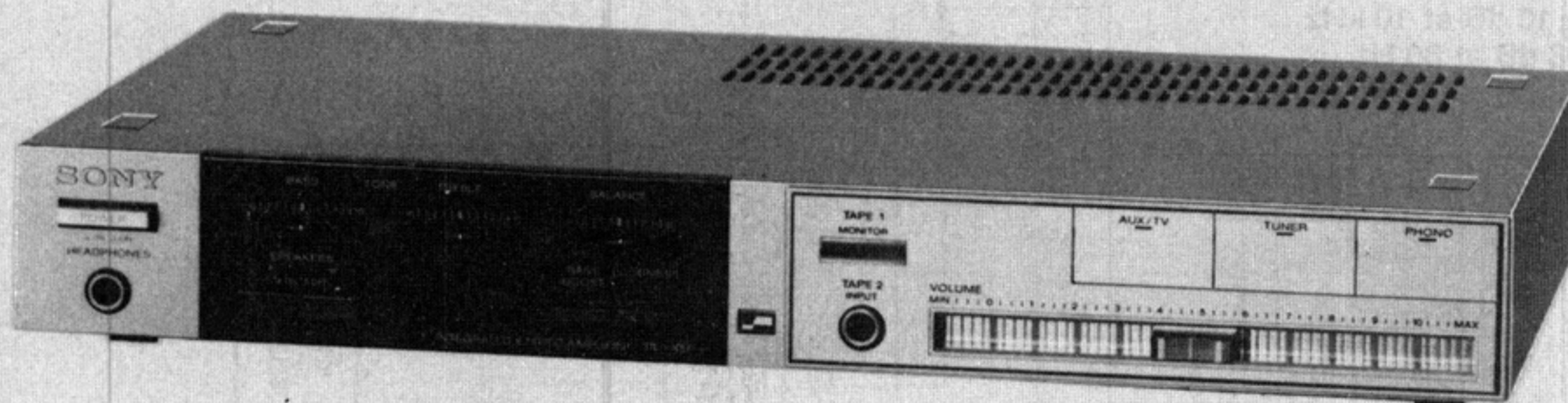


TA-YX5F

AEP Model
UK Model
E Model



INTEGRATED STEREO AMPLIFIER

SPECIFICATIONS

General System

Pure complementary symmetry power amplifier
SEPP OTL OCL

Residual noise
Damping factor
Inputs

Less than 250 μ V (6 ohms, network A)
30 (1 kHz, 6 ohms)

Power requirements

AEP model: 220V ac, 50 Hz
UK model: 240 V ac, 50 Hz
E model: 120, 220 or 240 V ac
adjustable, 50/60 Hz

Power consumption

AEP, E model: 70 W
UK model: 185 W

Dimensions

Approx. 355 x 53 x 230 mm (w/h/d)
(14 x 2¹/₈ x 9¹/₈ inches)

Weight

including projecting parts and controls
Approx. 4.9 kg (10 lbs 13 oz) net
Approx. 5.4 kg (11 lbs 14 oz) in shipping carton

| | Sensitivity | impedance | Maximum input capability (1 kHz) | S/N (weighting network A) |
|------------------------------|-------------|---------------|----------------------------------|---------------------------|
| PHONO | 2.5 mV | 50 k Ω | 150 mV | 75 dB 70 dB* |
| TUNER AUX/TV TAPE 1, 2 | 150 mV | 50 k Ω | — | 98 dB 80 dB* |

* '78 IHF

Measured with rated output power into 6-ohm loads (both channels driven simultaneously) at 1 kHz

— Continued on next page —

Amplifier section

Continuous RMS power output
(Less than 0.05% THD, both channels driven simultaneously)

At 1 kHz
30 W + 30 W (6 ohms)
At 20 Hz - 20 kHz
25 W + 25 W (6 ohms)
According to DIN 45500
25 W + 25 W (6 ohms)

Power bandwidth (IHF)

10 Hz - 40 kHz

Dynamic headroom

2.2 dB*

Harmonic distortion

Less than 0.05% at rated output
Less than 0.05% at 1 W output

Intermodulation (IM) distortion


(60 Hz : 7 kHz = 4 : 1)

Less than 0.05% at rated output

Frequency response

PHONO : RIAA equalization curve \pm 0.5 dB
TUNER, AUX/TV, TAPE 1, 2 : 20 Hz - 50 kHz \pm 3 dB

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.



SONY[®]

SERVICE MANUAL

4.2. SCHEMATIC DIAGRAM

• See pages 13, 14 for notes.

