SA-32SE1/40SE1/46SE1

SERVICE MANUAL

Ver. 1.1 2011.06



US Model Canadian Model Russian Model E Model SA-32SE1/40SE1 AEP Model SA-32SE1/40SE1/46SE1 UK Model SA-40SE1/46SE1 E Model Chinese Model SA-32SE1 Thai Model SA-40SE1

SPECIFICATIONS

Amplifier section

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

(US model only)

With 8 ohm loads, both L + Rchannels driven, from 300 - 20,000 Hz; rated 14 watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milliwatts to rated output.

POWER OUTPUT (reference) 20 W (per channel at 8 ohms, 1 kHz)

(Chinese model only)

POWER OUTPUT (rated) (Measured under MOVIE sound field)

9.5 W + 9.5 WL + R(at 8 ohms, 1 kHz, 1% THD)

(Other models)

POWER OUTPUT (rated) 16 W + 16 W

(at 8 ohms, 1 kHz, 1%

THD) POWER OUTPUT (reference)

20 W (per channel at 8 ohms, 1 kHz, 10% THD)

Speaker section

Front speaker unit Speaker system

Full range, passive

radiator type

Speaker unit

For SA-32SE1

65 mm (2 5/8 in) (Cone type) 70 mm × 100 mm $(2.7/8 \text{ in} \times 4 \text{ in})$

(Passive radiator) For SA-40SE1/SA-46SE1 65 mm (2 5/8 in)

(Cone type)

 $65 \text{ mm} (2.5/8 \text{ in}) \times 2$ (Passive radiator)

Rated impedance

8 ohms

General

AUDIO IN jack (1) Inputs Power requirements

DC 18 V (2.6 A) (100 V - 240 V AC, 50/60 Hz using the supplied AC adaptor)

Power consumption

In standby mode: 0.5 W or less

Main unit

Dimensions (w/h/d) (Approx.) For SA-32SE1

> 754.2 mm × 80 mm × 76.7 mm (29 3/4 in × 3 1/4 in × 3 1/8 in)

For SA-40SE1

 $942.4 \text{ mm} \times 80 \text{ mm} \times$ 67.7 mm (37 1/8 in \times $3 \frac{1}{4} \text{ in} \times 2 \frac{3}{4} \text{ in}$

For SA-46SE1

1 077 6 mm × 80 mm × 67.7 mm (42 1/2 in \times $3.1/4 \text{ in} \times 2.3/4 \text{ in}$

Mass (Approx.)

For SA-32SE1

1.9 kg (4 lb 4 oz)

For SA-40SE1

2.2 kg (4 lb 14 oz) For SA-46SE1

2.5 kg (5 lb 9 oz)

AC adaptor

100 V - 240 V AC, Input 50/60 Hz

DC 18 V, 2.6 A Output Dimensions (w/h/d) (Approx.)

E12 model 124 mm × 32 mm × 60 mm

(5 in \times 1 5/16 in \times 2 3/8 in)

Other models 121 mm × 33 mm × 53 mm (4 7/8 in × 1 5/16 in ×

2 1/8 in)

Mass (Approx.) E12 model 294 g (10.4 oz) Other models 240 g (8.5 oz)

Design and specifications are subject to change without notice.

Supplied accessories

· Operating Instructions

Compatible list

(Except for Chinese model) (1)

• Remote control (RM-ANU102) (1)



• R03 batteries (size AAA) (2)



· Audio cord (1)



· Plug adaptor (1)



AC adaptor (1)

AC power cord (mains lead) (1)
Foot pads (4)

TV SOUND BAR SYSTEM

 $\mathbf{SONY}_{\mathbb{R}}$

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SECTION 5 EXPLODED VIEWS

Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- · Abbreviation

AR : Argentina model
CH : Chinese model
CND : Canadian model

E12 : 220-240V AC area in E model E32 : 110-240V AC area in E model

RU: Russian model TH: Thai model TW: Taiwan model The mechanical parts with no reference number in the exploded views are not supplied.

Color Indication of Appearance Parts Example:

KNOB, BALANCE (WHITE) . . . (RED)

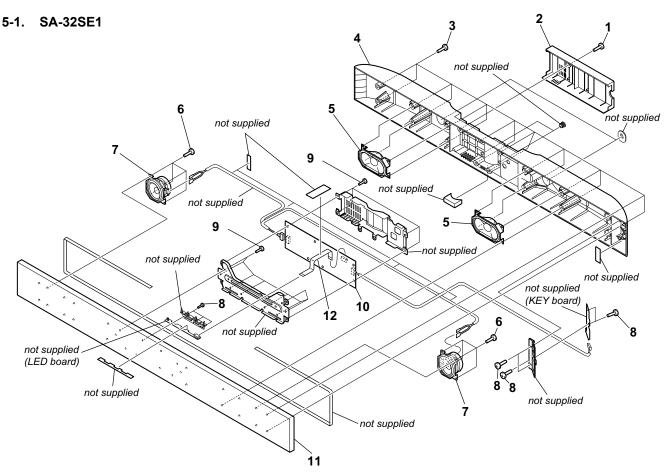
↑

Parts Color Cabinet's Color

 Accessories are given in the last of the electrical parts list. The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

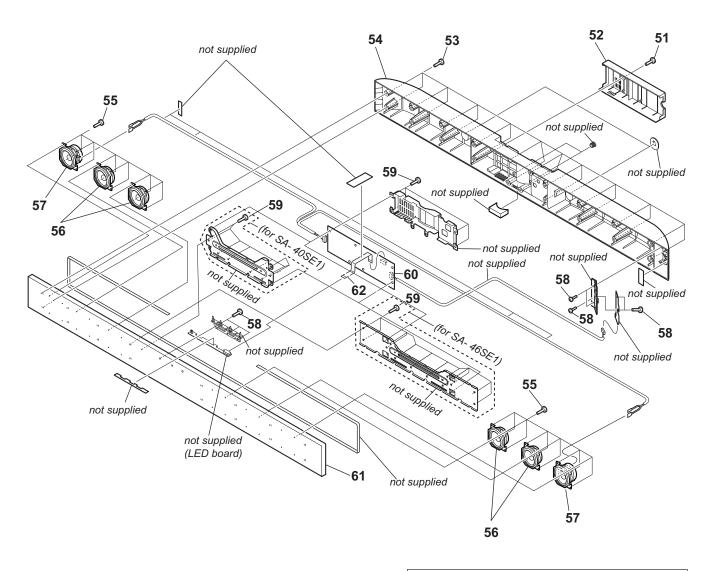
Ne les remplacer que par une pièce portant le numéro spécifié.



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5-2. SA-40SE1/46SE1



Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

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