

HBD-E370/E470/ E570/E870/T57

SERVICE MANUAL

Ver. 1.3 2011.01



Photo: HBD-E370

US Model
HBD-E370/E570/T57
Canadian Model
HBD-E370/E470/E870
AEP Model
UK Model
Australian Model
Taiwan Model
HBD-E370/E870
E Model
PX Model
HBD-E370

- HBD-E370 is the amplifier, video, BD/DVD/Super Audio CD/CD system, USB, LAN and tuner section in BDV-E370.
- HBD-E470 is the amplifier, video, BD/DVD/Super Audio CD/CD system, USB, LAN and tuner section in BDV-E470.
- HBD-E570 is the amplifier, video, BD/DVD/Super Audio CD/CD system, USB, LAN and tuner section in BDV-E570.
- HBD-E870 is the amplifier, video, BD/DVD/Super Audio CD/CD system, USB, LAN and tuner section in BDV-E870.
- HBD-T57 is the amplifier, video, BD/DVD/Super Audio CD/CD system, USB, LAN and tuner section in BDV-T57.

Model Name Using Similar Mechanism	BDP-S370
Mechanism Type	BPX-5
Optical Pick-up Block Name	KEM-460AAA

SPECIFICATIONS

Amplifier Section

U.S. models:

POWER OUTPUT AND TOTAL HARMONIC

DISTORTION:

(FTC)

Front L + Front R: With 3 ohms loads, both channels driven, from 180 - 20,000 Hz; rated 60 watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milli watts to rated output.

Other models:

POWER OUTPUT (rated)

Front L/Front R: 108 W + 108 W (at 3 ohms, 1 kHz, 1% THD)

HBD-E370:

POWER OUTPUT (reference)

Front L/Front R/Center/Surround L/Surround R: 142 W (per channel at 3 ohms, 1 kHz)

Subwoofer: 140 W (at 3 ohms, 80 Hz)

HBD-E870/HBD-E570/HBD-E470/HBD-T57:

POWER OUTPUT (reference)

Front L/Front R/Center/Surround L/Surround R: 167 W (per channel at 3 ohms, 1 kHz)

Subwoofer: 165 W (at 3 ohms, 80 Hz)

Inputs (Analog)

AUDIO (AUDIO IN)

Sensitivity: 450/250 mV

Inputs (Digital)

SAT/CABLE (COAXIAL), TV (OPTICAL)

Supported formats: LPCM 2CH (up to 48 kHz), Dolby Digital, DTS

Video Section

Outputs

VIDEO: 1 Vp-p 75 ohms

COMPONENT:

Y: 1 Vp-p 75 ohms

Pb/Cb, Pr/Cr: 0.7 Vp-p

75 ohms

HDMI OUT: Type A (19

pin)

BD/DVD/Super Audio CD/CD System

Signal format system

NTSC (US, Canadian, PX, Latin American and Mexican models)
PAL/NTSC (Other models)

USB Section

➡ (USB) port:

Type A (For connecting USB memory, memory card reader, digital still camera, and digital video camera)

Maximum current:

500 mA

LAN Section

LAN (100) terminal

100BASE-TX Terminal

Tuner Section

System

PLL quartz-locked digital synthesizer

FM tuner section

Tuning range

North American and PX models:

87.5 MHz - 108.0 MHz (100 kHz step)

Other models:

87.5 MHz - 108.0 MHz (50 kHz step)

Antenna (aerial)

FM wire antenna (aerial)

Antenna (aerial) terminals

75 ohms, unbalanced

Intermediate frequency

10.7 MHz

General

Power requirements

North American and Mexican models:

120 V AC, 60 Hz

Latin American and PX models:

110 - 240 V AC, 50/60 Hz

Taiwan model:

120 V AC, 50/60 Hz

Other models:

220 - 240 V AC, 50/60 Hz

Power consumption

On: 170 W

Standby: 0.3 W (at the Power Saving mode)

Dimensions (approx.)

430 mm x 85 mm x 335 mm (17 in x 3 3/8 in x 13 1/4 in) (w/h/d) incl. projecting parts

Mass (approx.)

4.8 kg (10 lb 10 oz)

Design and specifications are subject to change without notice.

BLU-RAY DISC/DVD RECEIVER

9-889-770-04

2011A05-1

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Sony Corporation

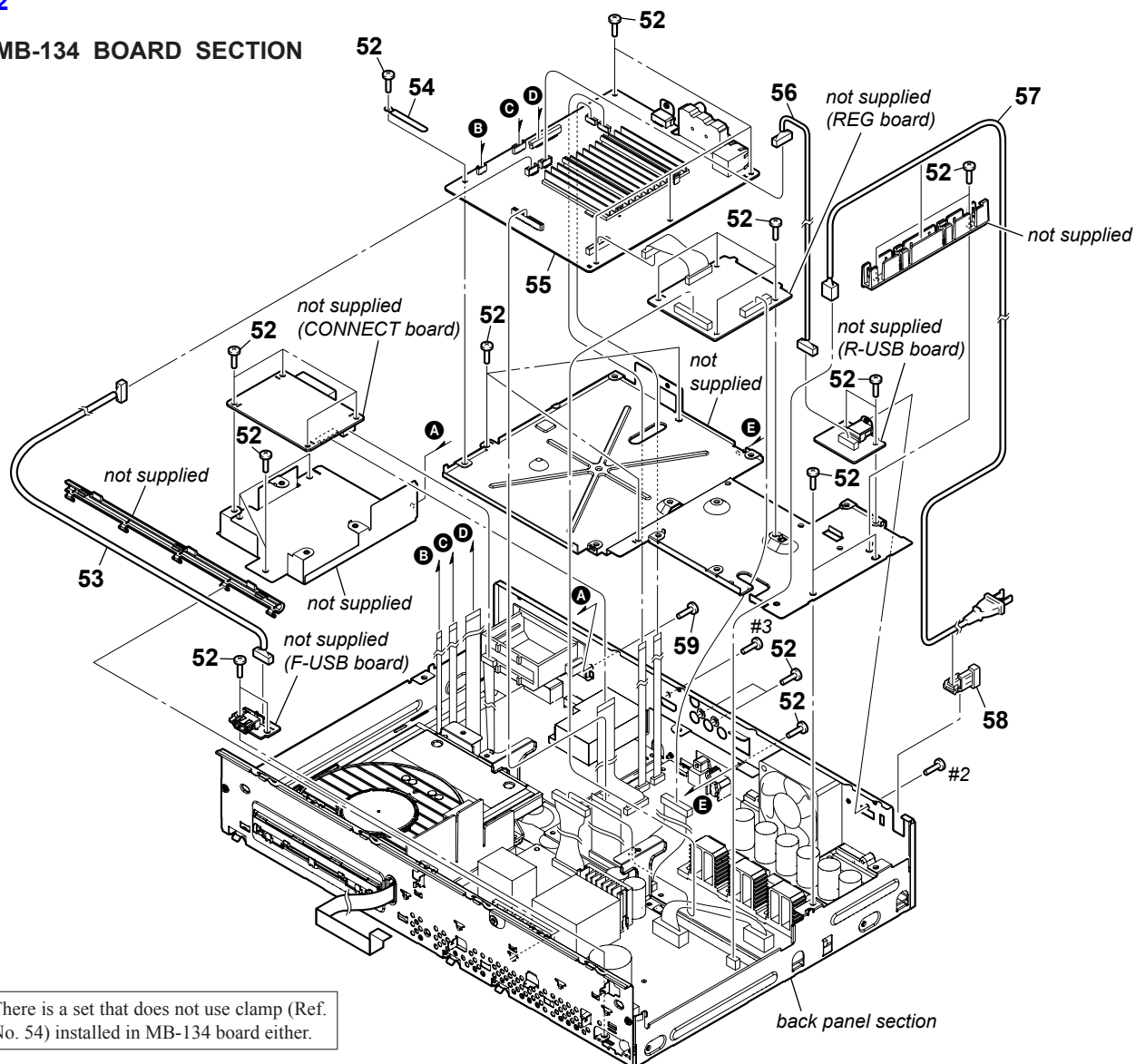
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Note: When replacing the case, refer to “NOTE OF REPLACING THE CASE” on page 11.

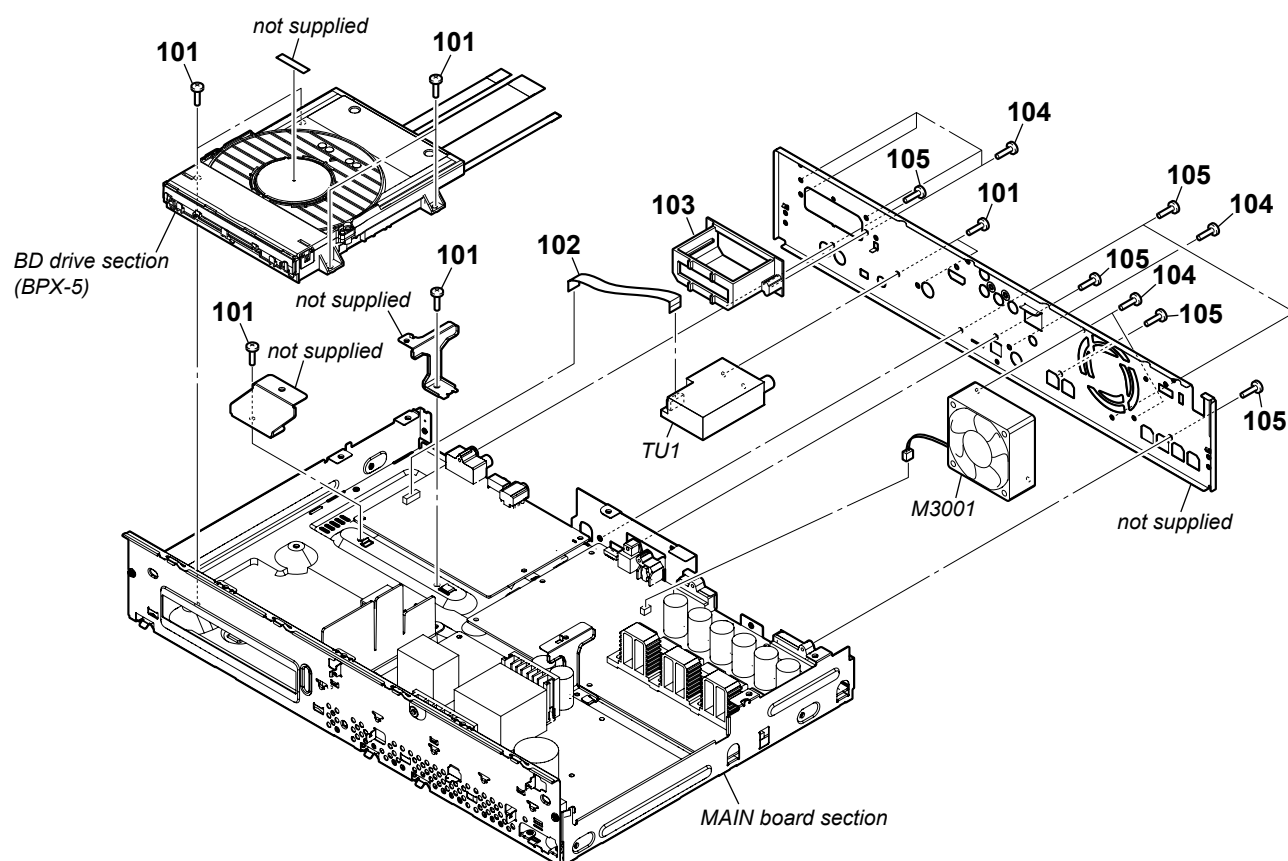
HBD-E370/E470/E570/E870/T57

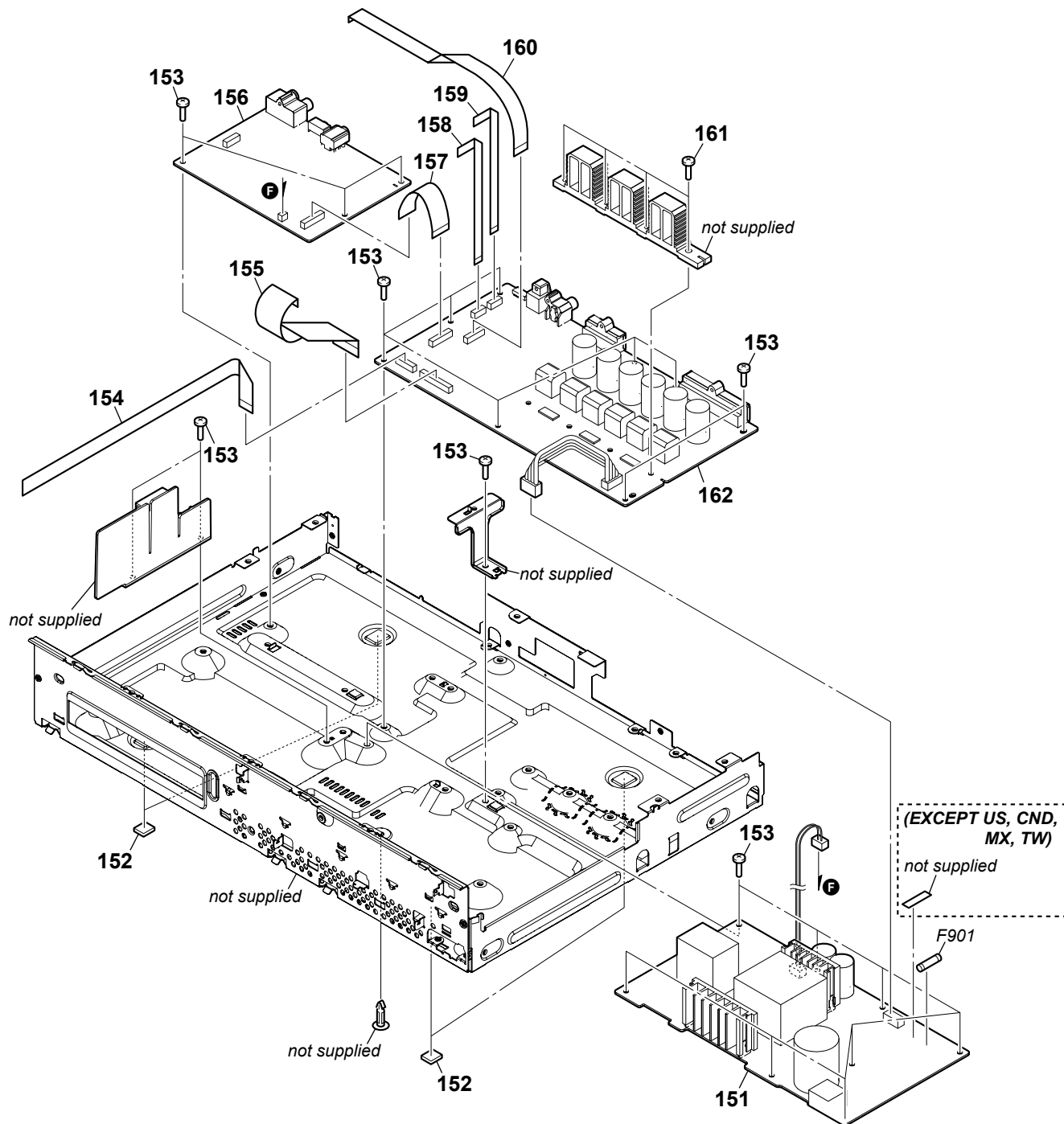
Ver. 1.2

6-2. MB-134 BOARD SECTION

Note: There is a set that does not use clamp (Ref. No. 54) installed in MB-134 board either.

6-3. BACK PANEL SECTION





6-5. BD DRIVE SECTION (BPX-5)

