

HAP-Z1ES

SERVICE MANUAL

Ver. 1.0 2013.10

US Model
Canadian Model
AEP Model
UK Model



Note:

Be sure to keep your PC used for service and checking of this unit always updated with the latest version of your anti-virus software. In case a virus affected unit was found during service, contact your Service Headquarters.

SPECIFICATIONS

Playback Specifications

Frequency response: 2 Hz ~ 80 kHz (±0.5 dB)
Dynamic range: 105 dB or higher
THD: 0.0001% or less

Network section

Wired LAN

100BASE-TX/10BASE-T/100BASE-T

Wireless LAN

Compatible standards: IEEE 802.11 n/g/b

Frequency band/channel: 2.4 GHz band, channels 1-11 (models for the USA and Canada);
channels 1-13 (models for Europe)

HDD section

Capacity

1 TB (*)

* Some portions of the capacity are used for data management. Therefore, the capacity is less than 1 TB.
Supported playback format

DDO (DSD, DSDIFF), LPCM (DSD, ADIF, PLAC, ALAC, ATASC Advanced Lossless, ATASC, HIFI,
AAC, MP3 (2 channels))

Jack section

Output jacks

LINE OUT UNBALANCED

Output level: 2.0 Vrms (10 kHz sine)
Impedance: 50 kΩ or higher

LINE OUT BALANCED

Output level: 2.0 Vrms (10 kHz sine)
Impedance: 50 kΩ or higher

EXT port

Type A USB, Hi-Speed USB, for connecting an external hard disk drive

IS REMOTE OUT Jack

for connecting the manual remote-ping cable (supplied) or IS Master (supplied)

General and others

Power requirements

Models for the USA and Canada: AC 120 V 60 Hz

Models for Europe: AC 230 V 50/60 Hz

Power consumption

On: 15 W

During standby mode (when [Network Standby] is set to [OFF]): 0.3 W

During standby mode (when [Network Standby] is set to [On] and a wired LAN is used): 0.8 W

During standby mode (when [Network Standby] is set to [On] and a wireless LAN is used): 0.8 W

Dimensions (approx.) (w/h/d)

450 mm × 150 mm × 50 mm (17.7 in. × 5.9 in. × 1.978 in.) including protruding parts and controls

Mass (approx.)

3.4 kg (7.5 lbs 8. oz)

Supplied accessories

Remote control (1)

RC (wireless) batteries (2)

AC power cord (cable lead) (1)

LAN cable (1)

Audio cord (2)

IS Master (1)

Manual remote-ping cable (1)

Design and specifications are subject to change without notice.

HDD AUDIO PLAYER

SONY®

Sony Hap Z1es Hdd Audio Player Service Manual

Gordon McComb,J. Cook



Sony Hap Z1es Hdd Audio Player Service Manual:

Sony Service Manual Soni Kabushiki Kaisha,198? *Understanding and Servicing CD Players* KEN

CLEMENTS,1994-09-20 Written specifically with service technicians and engineers in mind this book is designed as a bench side companion and guide to the principles involved in repairing and adjusting CD players Engineers will find this a helpful companion to the various service manuals The text takes a problem solving approach with numerous examples circuit diagrams and line drawings Engineers who need to achieve a better understanding of CD technology will find this book an essential tool for fault diagnosis adjustment and repair This book not only covers the mechanical design but also the integrated circuits within a CD player It is written for immediate application and is well illustrated so it should become a welcome addition to the rack of tools available to the service engineer Ken Clements has extensive experience of the service industry both as a service manager and later in technical training with Sony and Pioneer It is his hands on knowledge that makes the book so valuable not only as a wide ranging reference but also as a benchtop manual to be kept within reach at all times when working with CD players Compact Disc Player Maintenance and Repair Service Manual Gordon McComb,J.

Cook,1987-04-01 With this complete guide CD owners will have all the information instruction they need to make sure their CD players are producing years from now the same kind of sound they re enjoying today Packed with quick reliable answers to the problems of maintaining repairing CD players this illustrated do it yourself guide takes the apprehension out of first time repairs By following the easy maintenance upkeep procedures included readers can ward off problems before they happen **Sony XR 7071 Service Manual** Sony (Great Britain) Ltd, Manual, Books, Accessories for Jukeboxes and

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