

AZ-BS1/BS32

SERVICE MANUAL

Ver 1.0 2004.05

US Model
AZ-BS32
AEP Model
AZ-BS1



SPECIFICATIONS

USB memory player

Supported audio file format

MP3 Bit rate: 8 - 320 kbps*

Sampling frequencies: 24/22.05/16/12/
11.025/8/32/44.1/48 kHz

* 128 kbps or higher bit rate is recommended.

Frequency response

20 - 20,000 Hz (single signal measurement)

Radio

Frequency range

FM 1/FM 2: 87.5 - 108.0 MHz

Antenna

FM antenna built in the player's handle
FM wire antenna supplied with the player

General

Speakers

3.6 cm (1 7/16 in.) diameter, cone type, 4 Ω × 2

Output

Headphones: Stereo mini-jack

Maximum power output

160 mW + 160 mW (SPEAKER OUTPUT)

Operating temperature

5°C - 35°C (41°F - 95°F)

Power source

3 V DC, LR6 (size AA) alkaline batteries × 2

Battery life*

Music data playback: Approx. 16 hours

Radio reception: Approx. 16 hours

* When using two Sony LR6 (size AA) alkaline
batteries

Dimensions

Approx. 115 × 115 × 39.3 mm

(4 5/8 × 4 5/8 × 1 9/16 in.)

(w/h/d, excluding projecting parts)

Approx. 115 × 115.2 × 39.3 mm

(4 5/8 × 4 5/8 × 1 9/16 in.)

(w/h/d, including projecting parts)

Mass

Approx. 193 g (6.8 oz) (including the "pavit")

Accessories

- USB memory player with FM radio (1)
 - USB storage media "pavit"* (1)
 - CD-ROM (Music Transfer pavit Edition) (1)
 - FM wire antenna (1)
 - Operating instructions for the USB Memory Player with FM Radio (1)
 - Operating instructions for the application software Music Transfer pavit Edition (1)
 - Quick start guide (1)
 - Strap (1)
- * Supplied with AZ-BS32 only.

Design and specifications are subject to change
without notice.

- This set is not serviceable, and only the main unit and the part of exterior parts and accessories are serviceable.

USB MEMORY PLAYER WITH FM RADIO

9-877-947-01
2004E05-1
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Sony Corporation
Personal Audio Company
Published by Sony Engineering Corporation

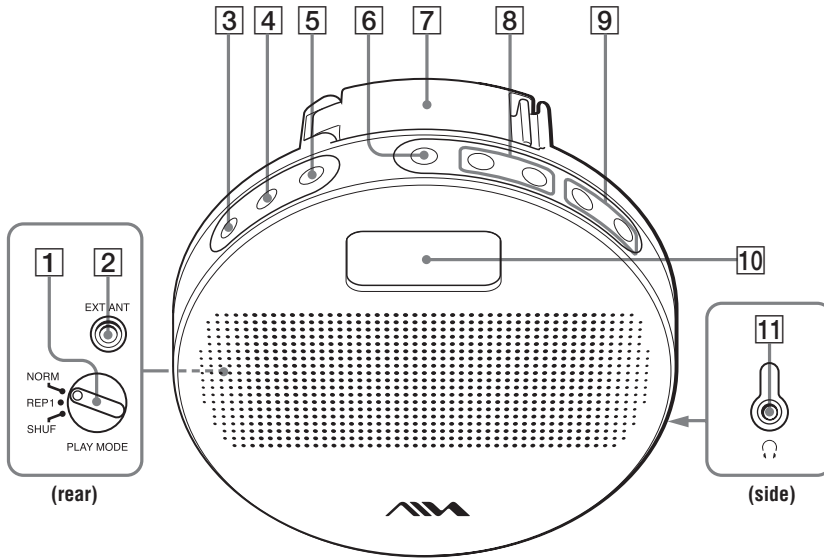


This section is extracted from instruction manual.

GENERAL

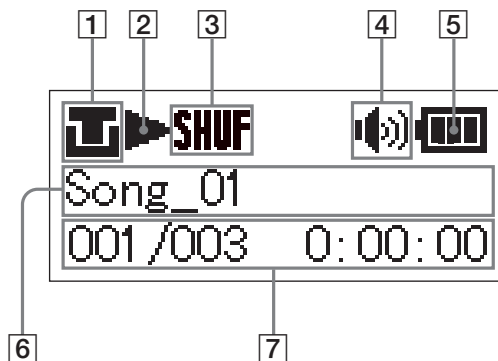
Locating controls

Player (front/top)



- 1 PLAY MODE switch (on the rear side)
 - 2 EXT ANT socket for FM wire antenna (on the rear side)
 - 3 MENU button
 - 4 PRESET button
 - 5 TUNER button
 - 6 ►■ (PLAY/STOP)/POWER* button
 - 7 slot cover
 - 8 ◀◀/▶▶ (SKIP/DOWN/UP) buttons
 - 9 VOLUME +/-* buttons
 - 10 Display
 - 11 (headphones) jack (on the lateral side)
- * The button has a tactile dot.

Display

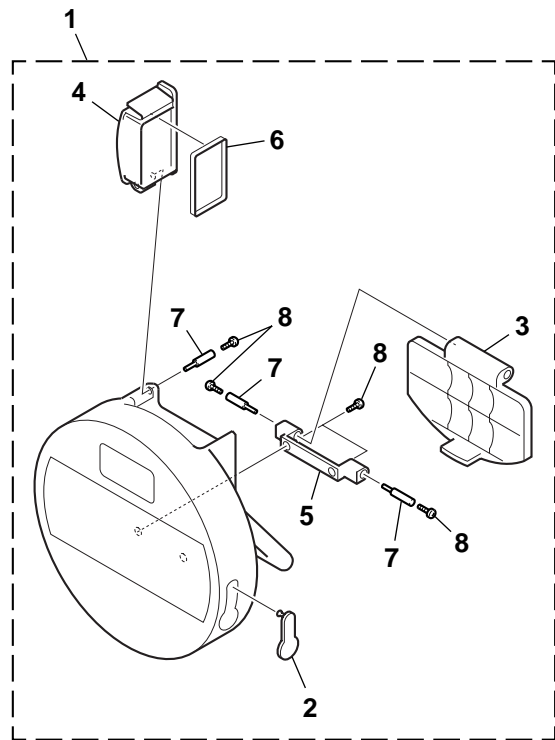


- 1 insertion indicator
: The is inserted in the player correctly.
: The is not inserted in the player.
- 2 Operation status indication
 Displays the icon for music data playback, radio, stopwatch or countdown timer.
- 3 Play mode indication
: Playing all tracks in random order
: Playing a track repeatedly
: is displayed in the radio preset mode.
- 4 Volume indication
 Roughly shows the current volume level.
- 5 Battery level indication
 Roughly shows the remaining power of the batteries. If flashes, the batteries are depleted.
- 6 Character information display
 Displays the title, file name of music data, etc.
 During radio reception, displays the band and frequency.
- 7 Track number/elapsed playing time indication
 Displays the preset numbers in the radio preset mode.

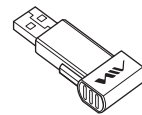
PARTS LIST

Ref. No.	Part No.	Description	Remark
1	X-2021-660-1	MAIN ASSY (SERVICE) (CE7) (AZ-BS1)	
1	X-2021-662-1	MAIN ASSY (SERVICE) (U) (AZ-BS32)	
2	4-253-386-01	COVER (HP)	
3	A-4715-331-A	LID BLOCK ASSY, BATTERY CASE	
4	4-253-371-01	PAVIT LID	
5	4-253-372-01	HOLDER (BATTERY CASE LID)	
6	4-253-388-01	PACKING (PAVIT)	
7	4-254-822-01	SHAFT (LID)	
8	3-254-022-01	SCREW	
9	not supplied	MEMORY, USB AZ-RM32 (AZ-BS32 only)	
10	4-252-295-01	CD-ROM (Music Transfer pavit Edition)	
11	X-2022-450-1	WIRE (ANTENNA) ASSY	
	4-253-596-11	MANUAL INSTRUCTION (M-T) (Music Transfer pavit Edition) (ENGLISH)	
	4-253-596-21	MANUAL INSTRUCTION (M-T) (Music Transfer pavit Edition) (FRENCH, SPANISH, PORTUGUESE) (AZ-BS1)	
	4-253-596-31	MANUAL INSTRUCTION (M-T) (Music Transfer pavit Edition) (GERMAN, DUTCH, ITALIAN) (AZ-BS1)	
	4-254-827-11	MANUAL, INSTRUCTION (ENGLISH)	
	4-254-827-21	MANUAL, INSTRUCTION (FRENCH, SPANISH) (AZ-BS1)	
	4-254-827-31	MANUAL, INSTRUCTION (GERMAN, DUTCH, ITALIAN) (AZ-BS1)	
	4-255-100-01	STRAP	

USB memory player with FM radio (1)



9 USB storage media "pavit"* (1)
(not supplied)

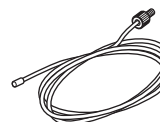


* Supplied with AZ-BS32 only.

10 CD-ROM (Music Transfer pavit Edition) (1)



11 FM wire antenna (1)



Notes:

The part name in a figure has indicated the name currently used by instruction manual.

