

BDV-E770W

SERVICE MANUAL

US Model

Ver. 1.0 2010.02

- BDV-E770W is composed of following models.
As service manuals are issued for each component model, please refer to them.

COMPONENT MODEL NAME

COMPONENT	MODEL NAME
	BDV-E770W
BLU-RAY DISC/DVD receiver	HBD-E770W
Front speaker	SS-TSB101
Center speaker	SS-CTB101
Surround speaker	SS-TSB101
Subwoofer	SS-WSB102
Surround amplifier	TA-SA200WR
Wireless transceiver	EZW-RT10A
USB Wireless LAN Adapter	UWA-BR100

Note: As for EZW-RT10A and UWA-BR100, the part number has been described to this service manual.

SPECIFICATIONS

General

Power requirements	120 V AC, 60 Hz
Power consumption	On: 130 W Standby: 0.3 W (at the Power Saving mode)
Dimensions (approx.)	430 mm × 85 mm × 335 mm (17 in × 3 3/8 in × 13 1/4 in) (w/h/d) incl. projecting parts 430 mm × 85 mm × 365 mm (17 in × 3 3/8 in × 14 3/8 in) (w/h/d) (incl. wireless transceiver)
Mass (approx.)	4.7 kg (10 lb 6 oz)

Wireless transceiver (EZW-RT10A/EZW-RT10A)

Communication system	S-AIR Specification version 1.0
Frequency band	2.4000 GHz - 2.4835 GHz
Modulation method	DSSS
Power requirements	DC 3.3 V, 350 mA
Dimensions (approx.)	50 mm × 13 mm × 60 mm (2 in × 1 1/2 in × 2 3/8 in) (w/h/d)
Mass (approx.)	24 g (1 oz)

USB Wireless LAN Adapter (UWA-BR100)

Standards Compliance:	IEEE 802.11a/b/g/n
Host Interface:	USB 2.0
Security:	64/128 bit: WEP, WPA/WPA2, WPS
Frequency and Channel*:	2.4 GHz - 2.4835 GHz [CH1 - 11] 5.15 GHz - 5.25 GHz [CH36 - 48] 5.25 GHz - 5.35 GHz [CH52 - 64] 5.47 GHz - 5.725 GHz [CH100 - 140] 5.725 GHz - 5.85 GHz [CH149 - 165]

Data Rate**:	802.11a/g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps 802.11b: 11, 5.5, 2 and 1 Mbps 802.11n: up to 300 Mbps (40 MHz/spatial streams: 2)
Power consumption:	Tx: up to 500 mA
Mass (Approx.):	USB Wireless LAN Adapter: 27 g (1 oz)
Dimensions (Approx.) (w × h × d):	USB Wireless LAN Adapter: 96 mm × 14 mm × 27 mm (3 7/8 in × 9/16 in × 1 1/8 in)

* The frequency and channel differ depending on the area.

** The transmission speed differs depending on the distance and number of obstructions between the transmission products, the configuration of products, the radio wave conditions, the line traffic, and the products that you use. The transmission may also be cut off depending on the radio wave conditions. The standard values of the transmission speed are the theoretical maximum values for the wireless standards. They are not the actual speeds of data transmission.

Design and specifications are subject to change without notice.

- Standby power consumption 0.3W (main unit), 0.13W (surround amplifier).
- Halogenated flame retardants are not used in the certain printed wiring boards.
- Over 85% power efficiency of amplifier block is achieved with the full digital amplifier, S-Master.

Unpacking

- Front speakers (2)
- Surround speakers (2)
- Center speaker (1)
- Subwoofer (1)
- FM wire antenna (aerial) (1)
- Speaker cords (6, white/red/blue/gray/green/purple)
- Video cord (1)
- Remote commander (remote) (1)
- R6 (size AA) batteries (2)
- Calibration mic (1)
- Surround amplifier (1)
- Wireless transceivers (2)
- Operating Instructions
- Quick Setup Guide
- To stabilize S-AIR reception
- End user license agreement
- Easy Setup Disc (DVD)
- USB Wireless LAN Adapter (UWA-BR100)
- UWA-BR100 External cable

– Refer to next page for accessories list –

BLU-RAY DISC/DVD HOME THEATRE SYSTEM

9-889-768-01

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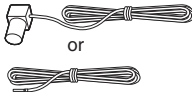
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ACCESSORIES

Ref. No.	Part No.	Description	Remark
	4-178-242-12	MANUAL, INSTRUCTION (ENGLISH)	
1	1-793-184-41	CONNECTOR (F TYPE ADAPTOR) (FM wire antenna (aerial))	
2	1-833-579-11	CORD, CONNECTION (Video cord)	
3	1-487-647-11	REMOTE COMMANDER (RM-ADP053)	
4	1-542-774-21	MEASUREMENT MIC (MONO) (ECM-AC2) (Calibration mic)	
5	1-837-590-21	CORD (WITH CONNECTOR) (SPEAKER) (Speaker cords (6, white/red/blue/gray/green/purple))	
6	1-487-779-11	UWA-BR100U UNIT (UWA-BR100) (USB Wireless LAN Adapter)	
7	1-837-549-12	UWA-BR100 EXTENTION CABLE	
8	A-1663-610-A	EZW-RT10A (Wireless transceiver) (1 piece)	


1

FM wire antenna (aerial) (1)




2

Video cord (1)




3

Remote commander (remote) (1)




4

Calibration mic (1)



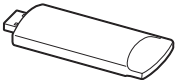
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Speaker cords (6, white/red/blue/gray/green/purple)



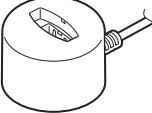
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USB Wireless LAN Adapter (UWA-BR100)




7

UWA-BR100 External cable



8

Wireless transceivers (2)



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REVISION HISTORY

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Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

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