

BI-DIRECTIONAL BOX SPEAKERS

BS-61WA, BS-61WT-A

The BS-61WA and BS-61WT-A, each of which cabinet is made of wood, can be installed easily on the wall with help of the plug-in speaker receptacle.

1. SAFETY PRECAUTIONS

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

WARNING

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.

- Install the unit only in a location that can structurally support the weight of the unit and the mounting bracket. Doing otherwise may result in the unit falling down and causing personal injury and/or property damage.
- Do not use other methods than specified to mount

the bracket. Extreme force is applied to the unit and the unit could fall off, possibly resulting in personal injuries.

- Tighten each nut and bolt securely. Ensure that the bracket has no loose joints after installation to prevent accidents that could result in personal injury.
- Use the specified In-wall electrical box in combination. Doing otherwise may cause the unit or component to fall off, resulting in personal injury.

CAUTION

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

- Do not operate the unit for an extended period of time with the sound distorting. This is an indication of a malfunction, which in turn can cause heat to generate and result in a fire.
- Do not stand or sit on, nor hang down from the unit as this may cause it to fall down or drop, resulting in personal injury and/or property damage.

2. SPECIFICATIONS

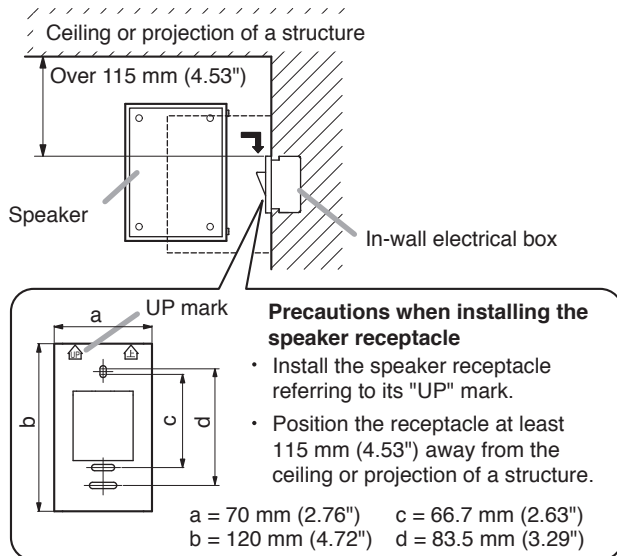
Model Number	BS-61WA	BS-61WT-A
Input	6 W	
Input Impedance	1.7 k Ω (6 W), 5 k Ω (2 W)	
Frequency Response	130 Hz – 13 kHz	
Sound Pressure Level	92 dB (1 W, 1 m), single speaker unit value	
Coverage Angle	100°	
Speaker Component	16 cm (6") cone-type speaker, 2 pcs.	
Volume Control	—	0 (Off), 1 (Low), 2 (Middle), 3 (High)
Finish	Enclosure: Wood, off-white Grille: Cloth, off-white	
Dimensions	200 (w) x 290 (h) x 220 (d) mm (7.87" x 11.42" x 8.66")	200 (w) x 292 (h) x 220 (d) mm (7.87" x 11.50" x 8.66")
Weight	2.8 kg (6.17 lb)	2.9 kg (6.39 lb)
Accessories	Machine screw M4 x 35 ... 2, Tapping screw 4 x 35 ... 2, Speaker receptacle ... 1	
Optional Products	Suspension Bracket: YS-31W	

Note: The design and specifications are subject to change without notice for improvement.

3. INSTALLATION

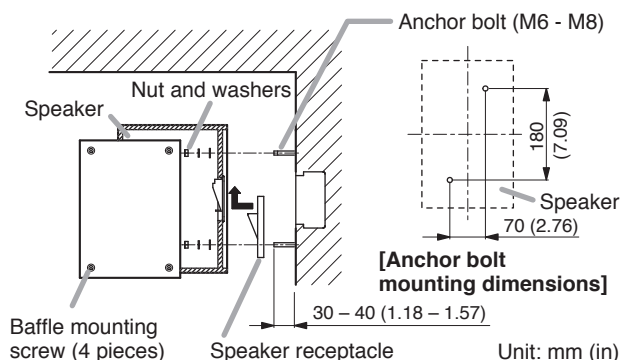
3.1. When Mounting onto the Speaker Receptacle

- Step 1.** Connect the speaker cable to the supplied speaker receptacle. (See "Connections.")
- Step 2.** Install the speaker receptacle to an in-wall box with the machine screws M4 x 35, or on the wall with the tapping screws 4 x 35.
- Step 3.** Hold and slide the speaker to insert its speaker plug into the speaker receptacle.



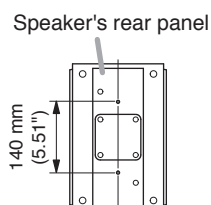
3.2. When Mounting Using Anchor Bolts

- Step 1.** Drive anchor bolts (not supplied) into the wall.
- Step 2.** Connect the speaker cable to the supplied speaker receptacle. (See "Connections.")
- Step 3.** Slide the speaker receptacle to insert it into the speaker plug.
- Step 4.** Remove the baffle on one side, and fix the unit from the inside using nuts and washers.
- Step 5.** Replace the removed baffle.



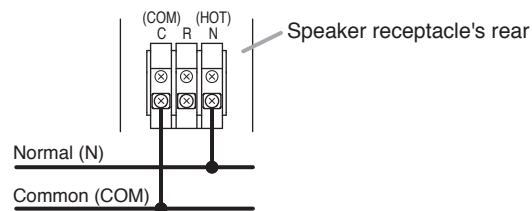
3.3. When Mounting to the Optional YS-31W Suspension Bracket

Attach the YS-31W to the speaker using 2 screws on the speaker's rear panel. For details, refer to the instruction manual attached to the YS-31W.

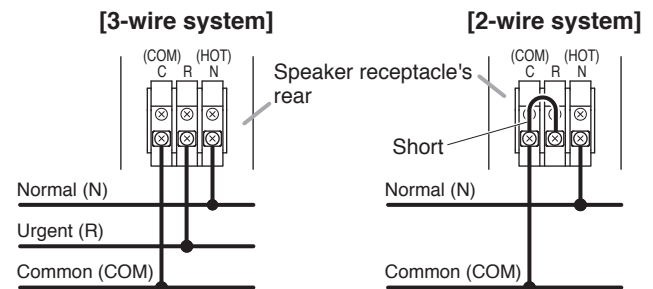


4. CONNECTIONS

4.1. Connection of the BS-61WA



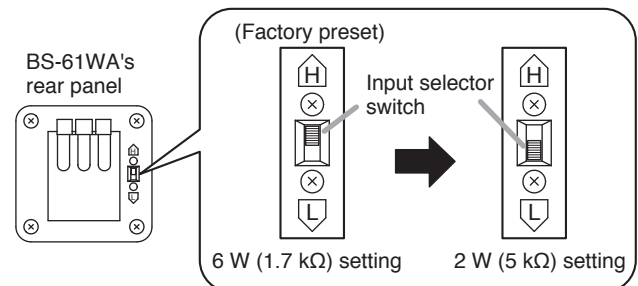
4.2. Connection of the BS-61WT-A



5. INPUT POWER (IMPEDANCE) CHANGE

5.1. BS-61WA

To change the input power (impedance), use the input selector switch on the speaker's rear panel.



5.2. BS-61WT-A

Inner wiring change is needed for the input power change. So, consult your nearest TOA dealer.

6. VOLUME CONTROL (BS-61WT-A ONLY)

Adjust the sound volume using the slide switch on the speaker's bottom surface.

