TAOC

Audio Rack
CSR Series
Instruction Manual

Thank you for purchasing the TAOC Audio Rack CSR Series. Read these instructions before use and assemble the product correctly. After reading, keep this manual handy for future reference.

1. Major Features

The CSR series inherits all the vibration-damping technology of TAOC (*Rigid construction, Vibration insulation, Friction damping and Modification of vibration boundary conditions*) and features enhanced sound quality and ease of use.

(1)　High rigidity design prevents amplification of equipment vibration.
(2)　Holding boards and leg supports use spike structure to isolate vibration.
(3)　Poles are filled with cast iron powder to enhance vibration-damping performance.
(4)　Shelf boards are of 5-layer structure, with cast iron power-filled honeycomb core placed at the center of the layers to prevent resonance.
(5)　Poles are optimally configured with open shelf structure adopted to facilitate handling of equipment.
(6)　Spike-type legs usually make it difficult to adjust the position of shelves, but TAOC's unique structure eliminates these difficulties.
　　　Note Positional adjustment of the rack with equipment on the shelves should be limited to within 20cm. If this distance is to be exceeded, remove the equipment from the rack before making adjustments.
(7)　Can handle heavy equipment thanks to 27mm-thick shelves and high-rigidity design.
(8)　Colors are selectable to match equipment and the atmosphere of the room.
(9)　Options include additional shelves (to be purchased separately).

2. Specifications

Assembly Dimensions and Weight

Type	Dimensions (W x D x H, mm)	Weight (kg)	Load capacity
CSR-1S-L/D	620 x 500 x 102	17	
CSR-2S-L/D	620 x 500 x 422	34	100kg per shelf
CSR-3S-L/D	620 x 500 x 712	50	400kg for all shelves
CSR-4S-L/D	620 x 500 x 988	66	

3. Precautions for Use

(1) The rack is heavy. Handle it with care.

(2) Install the rack on a level and rigid floor. Do not install in an unstable place.

(3) Be careful not to topple the rack.

(4) Positional adjustment of the rack with audio equipment on the shelves should be limited to within 20cm (except when the optional casters are mounted).

> **Note 1** Adjustment may result in scratching of wooden floors.
>
> **Note 2** Remove the equipment before moving the rack on deep pile carpets.
>
> ＊ Positional adjustment of the rack while loaded with equipment must be undertaken at the user's discretion, taking into consideration the condition of the floor and the weight of the equipment.

(5) Place the audio equipment starting with the lowest shelf, then moving up in order. Stability is lost and the rack may fall if heavy equipment is placed on an upper shelf first.

> **Note** Fully consider weight balance of the equipment to be placed on the rack to ensure stability during tremors in an earthquake.

(6) To clean the rack, lightly wipe it with a soft cloth soaked with neutral detergent. Do not use thinner, benzine or the like.
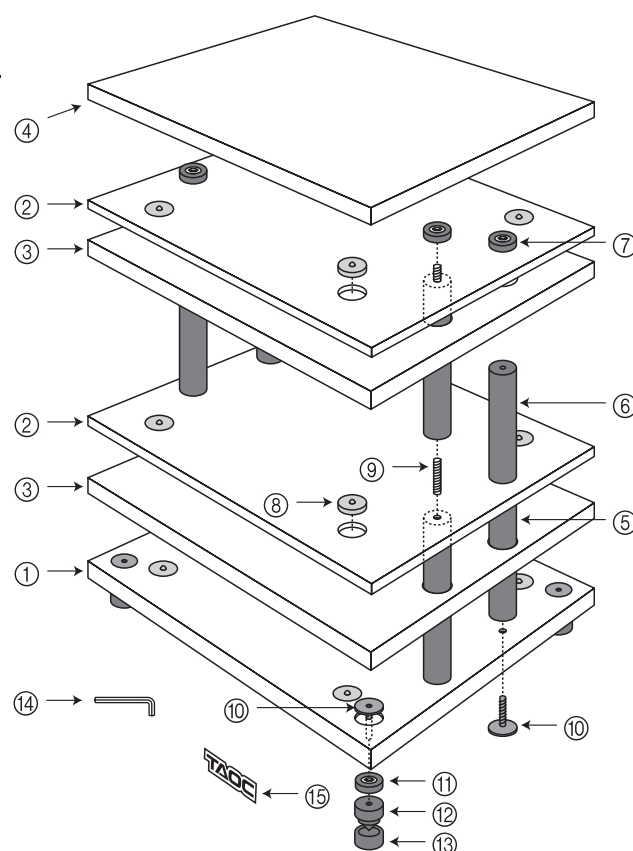
> ### ⚠ Caution
>
> The Audio Rack is heavy. Please be careful not to let it fall or topple when assembling and moving. Serious injury can occur.

4. Names and Quantities of Parts (CSR-3S is shown in the figure below)

[1] Parts List

Check the quantity of parts referring to the table and figure below.

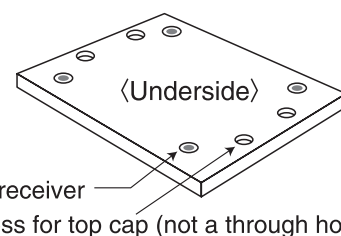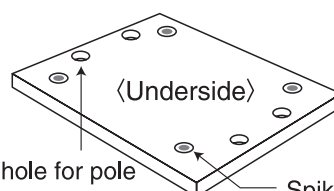| No.	Part Name	CSR-1S	CSR-2S	CSR-3S	CSR-4S
①	Holding board for bottom tier	1	1	1	1
②	Holding board	0	1	2	3
③	Shelf board	0	1	2	3
④	Shelf board for top tier	1	1	1	1
⑤	Pole, L = 280	0	4	4	4
⑥	Pole, L = 230	0	0	4	8
⑦	Top cap	4	4	4	4
⑧	Shelf board support spike	4	8	12	16
⑨	Assembly screw	0	4	8	12
⑩	Assembly screw for bottom tier	8	8	8	8
⑪	Leg spike lock nut	4	4	4	4
⑫	Leg spike	4	4	4	4
⑬	Spike receiver	4	4	4	4
⑭	Hexagonal wrench	1	1	1	1
⑮	TAOC logo badge	1	1	1	1
⑯	Honeycomb seal	1	2	3	4

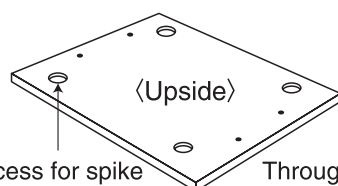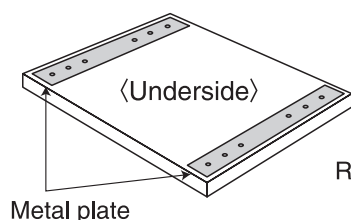## [2] Board Identification

◆Holding board for bottom tier (thick) ◆Holding board (thin) ◆Shelf board ◆Shelf board for top tier

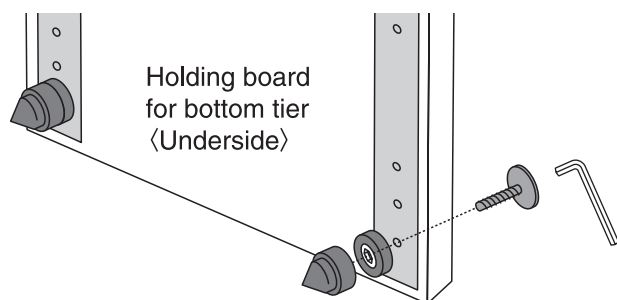⟨Underside⟩　　⟨Upside⟩　　⟨Underside⟩　　⟨Underside⟩

Metal plate

Recess for spike　　Through-hole for pole

Spike receiver

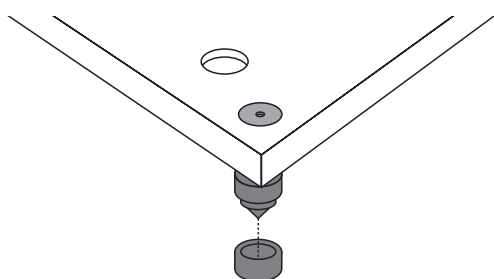Recess for top cap (not a through hole)

5. How to Assemble

＊ The following assembly procedure applies to CSR-3S. For CSR-1S, CSR-2S and CSR-4S, please read the Notes carefully.

[1] Assembling Holding Board for Bottom Tier and Legs

Holding board for bottom tier ⟨Underside⟩

(1) Place the holding board for the bottom tier ① vertically on the floor. Pass the assembly screw for bottom tier ⑩ through the leg spike mounting hole. Mount the leg spike lock nut ⑪ on the screw and tighten it by hand to hold the screw snugly against the board without clearance. Finally, use the hexagonal wrench ⑭ and firmly tighten the screw. Having set the screw ⑩, thread the leg spike ⑫ on the screw ⑩ and tighten until it closely contacts the lock nut ⑪ (repeat for all 4 leg spikes).
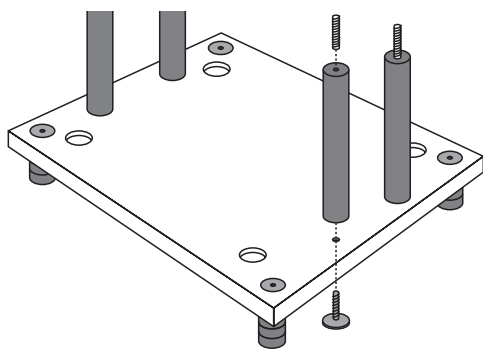**Note** Be careful not to topple the shelf.

(2) Having installed the 4 leg spikes ⑪, lay down the holding board ① flat on the floor in the correct direction and insert the leg spikes ⑫ into the spike receivers ⑬.
Note For CSR-1S, proceed to **_[6] Assembling Holding Board for Top Tier_**. When assembling the rack with the combination of CSR-1 and options, proceed to **_[2] Assembling Holding Board for Bottom Tier and Poles_**.
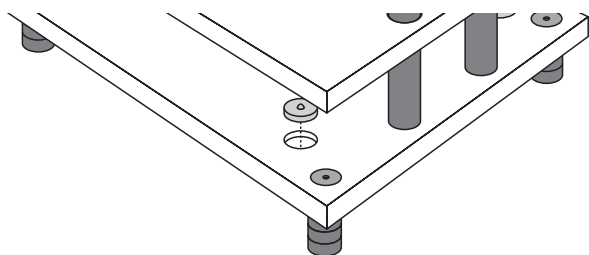
[2] Assembling Holding Board for Bottom Tier and Poles

(1) Insert the assembly screw for bottom tier ⑩ from the underside of the holding board for bottom tier ①. While holding the screw in one hand, thread the pole (L = 280) ⑤ onto the screw ⑩ with your other hand (repeat for all 4 screws and poles).

(2) Insert the assembly screw ⑨ into the other threaded hole on the pole (L = 280) ⑤ and tighten as deep as it will go.
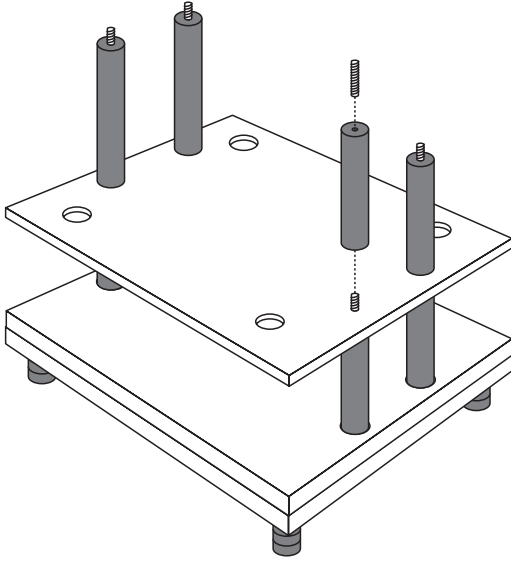**Note** Step (2) is not required for CSR-2S.

[3] Setting Shelf Board on Holding Board for Bottom Tier

(1) Insert the shelf board support spikes ⑧ into the recesses on the holding board for bottom tier ①, with the pins facing up (4 places).

(2) Hold the shelf board ③ with its surface fixed with metal plates (4 places) facing down. Let the poles pass through the holes on the shelf board ③ to place the board ③ flush against the holding board for bottom tier ①. Take care not to pinch your fingers!
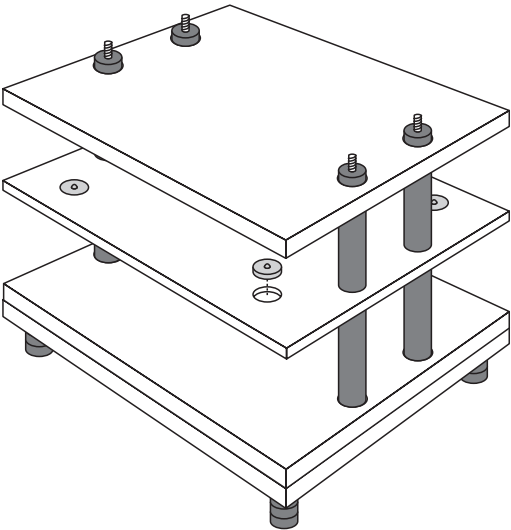
[4] Assembling Holding Board for Intermediate Shelf Board

(1) Keep the holding board ② with its surface with recesses for the shelf board support spikes ⑧ (4 places) facing up. Let the assembly screws ⑨ (4 places) installed on the poles (L = 280) ⑤ pass through the holes on the holding board ②.

(2) Thread the poles (L = 230) ⑥ onto the assembly screws ⑨ protruding from the holding board ② (4 places).

(3) Install the assembly screws ⑨ on the other threaded holes on the poles (L = 230) ⑥ and tighten them in as deep as they will go.

Note Steps (2) and (3) do not apply to CSR-2S; proceed to *[6] Assembling Holding Board for Top Tier*.
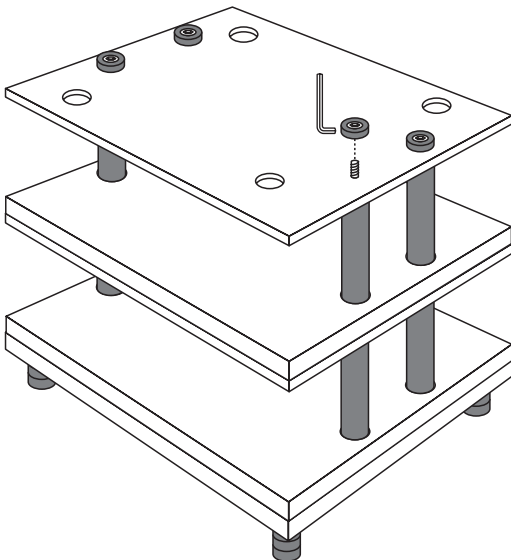
[5] Setting Shelf Board on Intermediate Holding Board

(1) Insert the shelf board support spikes ⑧ into the recesses on the holding board ②, with the pins facing up (4 places).

(2) Hold the shelf board ③ with its surface fixed with metal plates (4 places) facing down. Place the shelf board ③ flush against the holding board ② by letting the poles pass through the holes on the shelf board ③. Take care not to pinch your fingers!

Note For CSR-3S, proceed to *[6] Assembling Holding Board for Top Tier*.

Note For CSR-4S, install the assembly screws ⑨ on the already assembled poles (L = 230) ⑥ and repeat steps *[4]* and *[5]*.
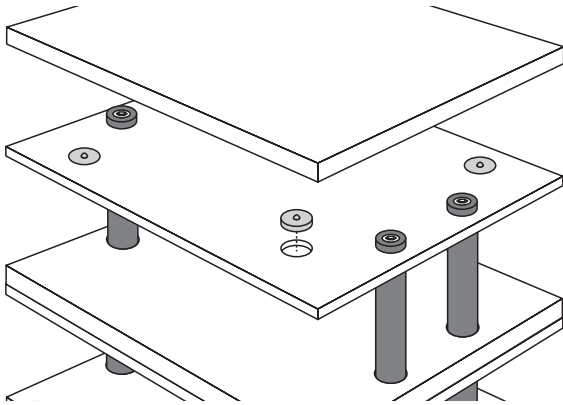
[6] Assembling Holding Board for Top Tier

(1) Keep the holding board ② with its surface with recesses (4 places) for the shelf board support spikes ⑧ facing up. Place the holding board ② on the 4 poles ⑤ or ⑥, with their assembly screws ⑨ protruding from the holding board ②. Firmly tighten the top caps ⑦ onto the protruding screws by inserting the provided hexagonal wrench into the hole on the side of the top cap.

Note For CSR-1S, place the assembly screws for bottom tier ⑩ from the underside of the holding board of bottom tier ①. While holding each screw, thread the top cap ⑦ with the other hand and tighten it firmly.

[7] Setting Shelf Board on Holding Board for Top Tier

(1) Insert the shelf board support spikes ⑧ into the recesses on the holding board ②, with the pins facing up (4 places).

(2) Hold the shelf board for top tier ④ with its surface fixed with metal plates (4 places) facing down. Place the shelf board ④ flush against the holding board ② by matching the positions of the top caps ⑦ and recesses on the shelf board for top tier ④. Take care not to pinch your fingers!
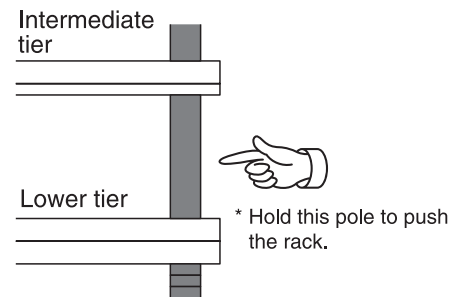
Note Shelf board for top tier ④ is free-structured. When placing it on the holding board, take extreme care not to drop it.

As of [7], assembly of the Audio Rack is complete. As a final check, confirm that all poles are firmly tightened. If looseness is found, tighten by hand.

6. Moving the Rack and Storing Equipment

[1] Precautions for Moving the Rack

1. You may move the rack by pushing it with the spikes positioned in the spike receivers. When moving the rack, push the lower part of the unit. To avoid risk of scratching the floor, or in the case of deep pile carpets, do not push, but lift with two people to move. When setting the unit in a new place, be sure to put the spikes on the spike receivers.
2. Shelf boards are of a floating structure. The top board, in particular, is set free and is not fixed. Pay special attention not to let it fall when moving the rack. Do not tilt the rack when moving.

Intermediate tier

Lower tier
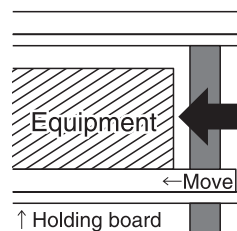
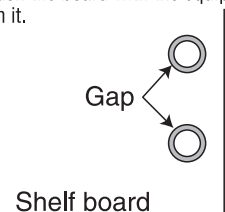* Hold this pole to push the rack.

[2] Adjusting Rattling

When the floor is not sufficiently flat and the rack rattles, turn the leg spikes ⑫ as required. This also applies when you wish to level the rack.

[3] Adjusting Shelf Board Position when Placing Equipment

Push the equipment when placing it on the rack, and the shelf board will move to the position of the pole. In this state, adjust the position of the equipment, then move the shelf board as required to eliminate the gap with the holding board.

* Shelf board moves by a distance equivalent to the gap between pole and hole as you push the board with the equipment mounted on it.

Equipment

←Move

↑ Holding board

Gap

Shelf board

[4] Fine Adjustment of Rack Position after Mounting Equipment
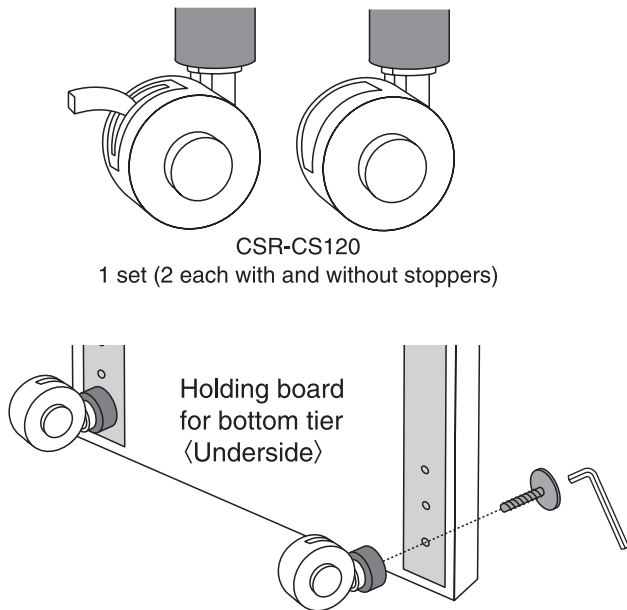
See Section *3 Precautions for Use* for positional adjustment of rack with equipment set on it.

7. Mounting Casters

＊ Do not use any other casters than the genuine optional caster sets (CSR-CS120) exclusively for the CSR series.

[1] Assembling Casters

Using the Casters from the Beginning

CSR-CS120
1 set (2 each with and without stoppers)

Holding board
for bottom tier
〈Underside〉

(1) In the procedure for *[1] Assembling Holding Board for Bottom Tier and Legs*, *5. How to Assemble*, install the spacers included in the caster set in place of the leg spikes.
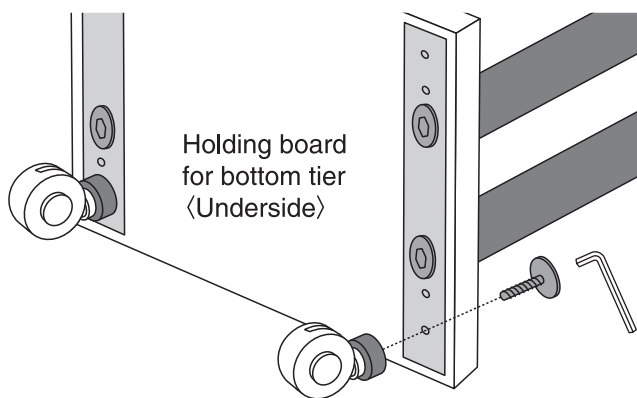
(2) Fully tighten the caster screws into the spacers with an appropriate spanner or similar.
Note Install the two casters with stoppers on the front side of the rack.

(3) Having fastened the casters, lay the holding board flat on the floor with the casters standing on the floor. Assemble the rack according to the instructions in *5. How to Assemble*.
Note Engage the stoppers when assembling the rack to prevent the wheels from rolling.

Replacing Initially Installed Spikes with Casters

Holding board
for bottom tier
〈Underside〉

(1) Disassemble the rack up to the stage of *[2] Assembling Holding Board for Bottom Tier and Poles*, *5. How to Assemble*. Lay down the rack horizontally, and remove the leg spikes as shown in the figure.
Note Never attempt to turn over the rack and install casters with the intermediate shelf boards assembled.

(2) Proceed to (2) and (3) of the above *Using the Casters from the Beginning*.

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