

Auto Speaker Setup Kit

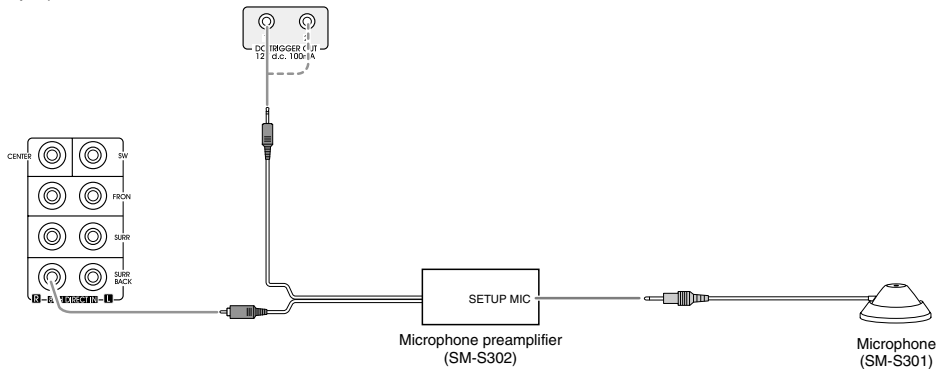
- The Auto Speaker Setup kit is the optional accessories designed for use with Sherwood A/V receiver, etc. such as R-965, R-865 and P-965 and includes the microphone preamplifier(SM-S302) and the microphone(SM-S301)

Note : The illustrations and explanations may differ from those of P-965 and R-865.

■ CONNECTIONS

1. Connect the RCA pin plug and the mini plug of the microphone preamplifier to the SURROUND BACK RIGHT jack of the 8 CH DIRECT INs and the DC TRIGGER OUT jack respectively.
2. Connect the microphone to the SETUP MIC jack of the microphone preamplifier.

Example) In case of R-965



Notes:

- Please be certain that AC input cord of the unit is unplugged before making any connections.
- Do not use other devices except these microphone preamplifier and microphone.
This might damage the devices connected and/or the receiver, and the auto speaker setup will not work correctly.
- After you have completed the auto speaker setup procedure, disconnect the auto speaker setup kit.

■ INSTALLATION

- Place the microphone on a flat level surface at your normal listening position.
- If possible, use a tripod, etc. to attach the microphone at the same height as your ears would be when you are seated in your listening position.
- Ensure there are no obstacles between the speakers and the microphone.

■ AUTO SPEAKER SETUP

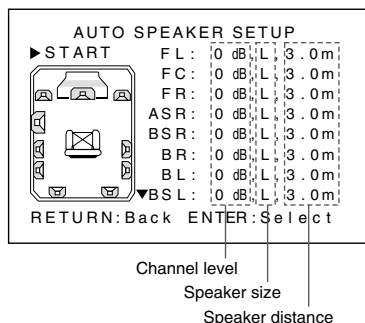
- Auto Speaker Setup lets you avoid troublesome listening-based speaker setup and achieve good surround sound. You should connect the auto speaker setup kit to the receiver so that it can analyze the information from a series of test tones emitted from speakers and can adjust the size, distance and sound level of each speaker automatically.

1. Select the SPEAKER SETUP on the main menu by using the buttons required for OSD menu operation on the remote control.(For details, refer to "OSD Menu Settings" in the operating instructions of the receiver.)

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SPEAKER SETUP
▶SPEAKER CONFIGURATION
SPEAKER DISTANCE
VIRTUAL SPEAKER SETUP
SUBWOOFER : ACTIVE
SUBWOOFER MODE : LFE
CROSSOVER FREQ. : 80Hz
AUTO SPEAKER SETUP
RETURN: Back  ENTER: Select
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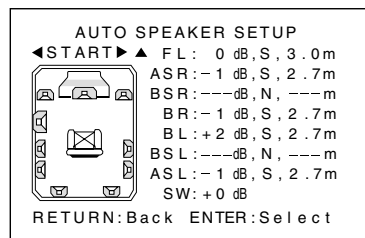
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- For the speakers to be set to “Small”, first select the “CROSSOVER FREQ.” on the SPEAKER SETUP menu, then select the desired crossover frequency. (For details, refer to “SETTING THE SPEAKER SETUP” in the operating instructions of the receiver.)
- Press the CURSOR UP(▲) / DOWN(▼) buttons to select the “AUTO SPEAKER SETUP”, then press the ENTER button.
 - For your reference, “ASR” / “ASL” stands for Surround A Right/Left and “BSR” / “BSL” for Surround B Right/Left.



- Press the ENTER button to start the auto speaker setup procedure.
 - Loud test tones are output from each speaker and then if auto speaker setup procedure has been completed, the results of each adjustment will be displayed.
 - Each time the ENTER button is pressed, the auto speaker setup procedure will start or stop.
 - If there may be a problem with the speaker or microphone connection, “ERROR” message will be displayed. In this case, press the ENTER button to retry the auto speaker setup procedure.
 - If retrying the procedure does not fix the problem, turn off the power and check the speaker or microphone connection.

Example) Result report



Notes:

- For your reference, other channel levels displayed are the relative levels as compared with FL channel, not adjusted levels.
- Depending on “POWER AMP ASSIGN” an “SUBWOOFER” settings, etc., some channels may be excluded. (For details, refer to “SETTING THE POWER AMP ASSIGN” and “SETTING THE SPEAKER SETUP” in the operating instructions of the receiver.)
- Because the test tones are loud, ensure there no infants or small children in the room.
- For best results, ensure the room is as quiet as possible during the auto speaker setup procedure. If there is too much ambient noise, the results may not be satisfactory.
- If the results are not satisfactory, you can also personalize your speaker setup and channel setup by making the settings manually. (For details, refer to “SETTING THE SPEAKER SETUP”, “Adjusting each channel level with test tone” and “Adjusting the current channel levels” in the operating instructions of the receiver.)

- To confirm the results, press the CURSOR LEFT(◀) / RIGHT(▶) buttons to select the “MEMORY”, then press the ENTER button.
 - Each time the CURSOR LEFT(◀) or RIGHT(▶) button is pressed, the “MEMORY” or “START” is selected.
 - “COMPLETED” is displayed and the results are memorized. However, if “ERROR” message is displayed, the results cannot be memorized due to incorrect speaker connections. In this case, retry the auto speaker setup procedure or check the speaker connections.