

■ Connecting the speakers and subwoofer

Connect each speaker and a subwoofer to the appropriate speaker terminals on your amplifier by using the cables you prepared earlier. See the “Connection diagram” on page 3 for reference.

Make sure you connect the speakers and subwoofer with the correct polarity—positive (+) terminals to positive (+) terminals, and negative (–) terminals to negative (–) terminals. If you get them crossed over, the sound will be unnatural and lack bass.

In your AV receiver’s speaker size settings, specify small (or “S”) for all of the speakers and subwoofer.

Connecting the power cables

Once you’ve completed all of the speaker and subwoofer connections, plug the amplifier, and your other AV components into suitable AC wall outlets.

Troubleshooting

If this product doesn’t work as expected, look for a possible cause below. If the issue you are experiencing is not listed, or you cannot resolve it after reading through these instructions, disconnect the power cable and contact an authorized Yamaha dealer or service center.

Issue	Possible cause	Remedy
There’s no sound.	The speaker cables are not connected properly.	Make sure the speaker cables are connected properly.
	The volume is minimum or mute.	Turn up the VOLUME control.
The sound is very quiet.	The speaker cables are not connected properly.	Make sure the speaker cables are connected properly: L (left) to L, R (right) to R, “+” to “+” and “–” to “–”.
The subwoofer is too quiet.	The source material doesn’t contain much bass.	Try playing source material that contains more bass.
	Bass sounds are being cancelled out by standing waves.	Reposition the subwoofer, or break up parallel wall surfaces by placing bookshelves or other large objects along the wall.

Specifications

■ Front, surround speakers (NS-B40) and center speaker (NS-C40)

Type

NS-B40..... Full range bass reflex
non magnetic shielding type
NS-C40..... Full range acoustic suspension
non magnetic shielding type

Driver 7 cm (2-3/4") cone type

Nominal input power 30 W

Maximum input power 100 W

Impedance 6 Ω

Frequency response

NS-B40..... 50 Hz–25 kHz (–10 dB)
–45 kHz (–30 dB)
NS-C40..... 70 Hz–25 kHz (–10 dB)
–45 kHz (–30 dB)

Sensitivity

NS-B40..... 83 dB/2.83 V, 1 m
NS-C40..... 84 dB/2.83 V, 1 m

Dimensions (W x H x D)

NS-B40..... 112 x 176 x 116 mm (4-3/8" x 6-7/8" x 4-5/8")
NS-C40..... 276 x 111 x 118 mm (10-7/8" x 4-3/8" x 4-5/8")

Weight

NS-B40..... 0.59 kg (1.30 lbs.)
NS-C40..... 0.73 kg (1.61 lbs.)

■ Subwoofer (NS-SWP40)

Type Bass reflex non magnetic shielding type

Driver 16 cm (6-1/2") cone type

Nominal input power 30 W

Maximum input power 100 W

Impedance 6 Ω

Frequency response 44 Hz–200 Hz

Sensitivity 88.5 dB/2.83 V, 1 m

Dimensions (W x H x D) 290 x 292 x 315 mm
(11-3/8" x 11-1/2" x 12-3/8")

Weight 5.8 kg (12.8 lbs.)

* The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file.

* Care should be taken not to exceed the input power values noted above.