

- If the power indicator on the rear speaker flashes in red, disconnect the AC adaptor from the AC outlet (mains), press ⏻ (power) to turn off the rear speaker, reconnect the AC adaptor to the AC outlet (mains), then turn on the rear speaker again.
- The rear speaker may not output sound depending on the music source or sound field. For details, refer to the operating instructions or Help Guide of the compatible model.

Sound skips or has noise.

- If there is a device nearby that generates electromagnetic waves, such as a wireless LAN or a microwave oven in use, locate the rear speakers and compatible model apart from that device.
- If there is an obstacle between the compatible model and rear speakers, move or remove the obstacle.
- Locate the compatible model and rear speakers as close as possible.
- Switch the network connection of the TV or Blu-ray Disc player from wireless to wired.

The rear speaker cannot be charged.

- In an extremely cold or hot environment, charging stops for safety. If charging takes a long time, it also makes charging of the rear speaker stop. To resolve these issues, disconnect the AC adaptor, and then connect it again within an operating temperature between 5 °C and 35 °C (41 °F and 95 °F).

Sound is not output from some speakers.

- Some speakers may not output sound depending on the music source, sound field, or compatible model. For details, refer to the operating instructions or Help Guide of the compatible model.

Sound Field Optimization failed.

- Speakers may not be correctly located. Check the installation location on the labels on the bottom of the two speakers and install them in the correct location.
- Install the speakers upright so that the labels on the bottom of the speakers are directed downwards.
 - If the speaker is installed sideways, Sound Field Optimization cannot be performed properly.
 - If the speaker is installed in an inclined state, the microphone for measurement of the speaker is also inclined and the sound for measurement ceiling distance is output in an inclined state. These may be the cause that the Sound Field Optimization failed.
- Perform Sound Field Optimization again in a situation where the surrounding is quiet.
- Install the speakers with a distance of more than 50 cm (19 3/4 in). If the distance between speakers is too close, Sound Field Optimization cannot be performed properly.
- Bring the speakers closer if the speakers are installed at a distance far away from each other.
- If there is any obstacle between speakers or the microphone for measurement of the speaker is blocked by an obstacle, Sound Field Optimization cannot be performed properly. Remove it if there is any obstacle between speakers or in front of the speakers.

Resetting the Rear Speaker

If the rear speaker still does not operate properly, reset the rear speaker as follows.

- Disconnect the AC adaptor from the AC outlet (mains).**

- Press and hold OPTIMIZE for more than 10 seconds.**

The rear speaker is reset.

Note

Turn on the rear speaker by pressing ⏻ (power) of the rear speaker after resetting.

Tip

Resetting is the operation that turns off the rear speaker forcibly. The settings of the rear speaker remain.

Specifications

Amplifier section

U.S. models:

POWER OUTPUT AND TOTAL HARMONIC DISTORTION: (FTC)

Up-firing speaker:

With 6 ohms loads, both channels driven, from 200 - 20 k Hz; rated 20 W per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 mW to rated output.

Tweeter:

With 6 ohms loads, both channels driven, from 3,000 - 20 k Hz; rated 5 W per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 mW to rated output.

Woofers:

With 6 ohms loads, both channels driven, from 200 - 3,000 Hz; rated 20 W per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 mW to rated output.

POWER OUTPUT (reference)

Up-firing speaker: 40 W (at 6 ohms, 1 kHz)

Tweeter: 10 W (at 6 ohms, 10 kHz)

Woofers: 40 W (at 6 ohms, 100 Hz)

Canadian models:

POWER OUTPUT (rated)

Up-firing speaker: 28 W (at 6 ohms, 1 kHz, 1% THD)

Tweeter: 7 W (at 6 ohms, 10 kHz, 1% THD)

Woofers: 28 W (at 6 ohms, 100 Hz, 1% THD)

POWER OUTPUT (reference)

Up-firing speaker: 40 W (at 6 ohms, 1 kHz)

Tweeter: 10 W (at 6 ohms, 10 kHz)

Woofers: 40 W (at 6 ohms, 100 Hz)

Front speaker section

Speaker system

2way speaker system passive radiator type

Woofers

70 mm × 82 mm (2 7/8 in × 3 1/4 in) cone type

Tweeter

14 mm (9/16 in) soft dome type

Up-firing speaker section

Speaker system

Full range speaker system acoustic suspension type

Speaker

46 mm × 54 mm (1 13/16 in × 2 1/4 in) cone type

Power supply section

Power requirements

DC 12 V (using the supplied AC adaptor connected to AC 100 V - 240 V, 50 Hz/60 Hz power supply) or, using built-in lithium-ion battery

Power consumption

On: 45.6 W (during charging the built-in battery)

Standby mode: 1 W or less

Turned off: 0.5 W or less

Built-in battery life

Up to 10 hours (in normal playback)^{*1+2}

Up to 3 hours (in full volume playback)^{*1+3}

Up to 10 hours^{*4}

^{*1} Actual performance time may vary from the listed time due to the volume, music source, and usage conditions.

^{*2} Measured value acquired by using our specified music source, connecting to the compatible model HT-A7000, setting the volume level of the compatible model HT-A7000 to 38, with the factory default settings.

^{*3} Measured value acquired by using our specified music source, connecting to the compatible model HT-A7000, setting the volume level of the compatible model HT-A7000 to maximum, setting the volume level of the rear speaker to maximum, setting the voice mode to on, with the factory default settings.

^{*4} Measured value acquired by using our specified test signal and playing with its volume adjusted so that the sound pressure of 70 dB is obtained at a distance of 1 meter (39 3/8 in) from the rear speakers.

Built-in battery charging time

About 4 hours (when using with the supplied AC adaptor)*

(10 minutes of charging; playable for up to 90 minutes)*

* Actual charging time may vary from the time above due to the surrounding temperature and usage conditions.

Wireless transmitter/receiver section

Communication system

Wireless Sound Specification Version 4.0

Frequency band

5 GHz

Modulation method

OFDM

Other information

Operating temperature

Between 5 °C and 35 °C (41 °F and 95 °F).

Dimensions (w/h/d) (approx.)

145 mm × 250 mm × 134 mm (5 3/4 in × 9 7/8 in × 5 3/8 in) (projecting parts not included)

Mass (approx.)

2.4 kg (5 lb 5 oz)


Included items

- Rear speaker R (1), Rear speaker L (1)
- AC adaptor (AC-045R55E) (2)
- Cable guide (2)
- Operating Instructions (1)

Important information on software

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For the method to confirm the GPL, LGPL and other software licenses contained in the rear speakers, please refer to the Operating Instructions of a compatible model.

When you use the compatible model HT-A7000, please refer to [Software License Information] under  [Setup] - [Advanced Settings] - [System Settings] on the home menu.

You may find a copy of the relevant source code as required under the GPL/LGPL (and other licenses) at the following URL.

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