



VL

# NATURAL SOUND SPEAKER SYSTEM NX-A02 OWNER'S MANUAL

English

## Caution: Read this before operating your unit.

- To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- 1 Install this unit in a well ventilated, cool, dry, clean place - away from direct sunlight, heat sources, vibration, dust, moisture, and/or cold. (Do not use/keep this unit in a car etc.)
  - 2 Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
  - 3 Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
  - 4 Avoid installing this unit where foreign objects may fall onto this unit and/or this unit may be exposed to liquid dripping or splashing. On the top of this unit, do NOT place:
    - Other components, as they may cause damage and/or discoloration on the surface of this unit.
    - Burning objects (i.e. candles), as they may cause fire, damage to this unit, and/or personal injury.
    - Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user and/or damage to this unit.
  - 5 Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.

- 6 Do not plug this unit into an AC wall outlet until all connections are complete.
- 7 Do not operate this unit upside-down. They may overheat, possibly causing damage.
- 8 Do not use force on switches, knobs, and/or cords.
- 9 When disconnecting the AC adaptor from the wall outlet, grasp the AC adaptor; do not pull the cord.
- 10 Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
- 11 Only the voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than that specified.
- 12 Do not attempt to modify or fix this unit. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reason.
- 13 When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the AC adaptor from the AC wall outlet.
- 14 Be sure to read the "Troubleshooting" section regarding common operating errors before concluding that the unit is faulty.
- 15 Before moving this unit, press  $\phi$  to set this unit to off, and disconnect the AC adaptor from the wall outlet.
- 16 Be sure to use the AC adaptor supplied with this unit. Using an AC adaptor other than the one provided may cause fire or damage to this unit.
- 17 Install this unit near the wall outlet and where the AC adaptor can be reached easily.
- 18 For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

This unit features a magnetically shielded design, but there is still a chance that placing it too close to a TV set might impair picture color. Should this happen, move this unit away from the TV set.

This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off by  $\phi$ . This state is called the standby mode. In this state, this unit is designed to consume a very small quantity of power.

**WARNING**  
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off. In this state, this unit is designed to consume a very small quantity of power.

Thank you for selecting this Yamaha product.

## Introduction

### ◆ Real stereo sound

The high quality amplifier, titanium diaphragm and Yamaha's unique SR-Bass technology achieve high quality sound.

### ◆ PowerStorage™ circuit (High 20 W power)

Yamaha's original power technology enables an impressive 20 W output (Max. Instantaneous Power).

### ■ Supplied accessory

- AC adaptor (DC 12 V, 1 A) ..... x 1  
The shape of the adaptor may vary depending on the area where you purchased.  
(Asia model: MU12-2120100-C5)  
(Taiwan model: MU12-2120100-A1)
- 3.5 mm stereo mini plug cable (0.5 m)..... x 1

### SRBass

"Swing Radiator Bass™" is a trademark of YAMAHA CORPORATION.

### PowerStorage™

"PowerStorage™" is a trademark of YAMAHA CORPORATION.

## Using this unit

### 1 Press $\phi$ to turn this unit on.

The status indicator (LED) lights up.

### 2 Start playback of your portable audio player.

### 3 Adjust the volume level using $\llcorner$ / $\lrcorner$ .



This unit is a stereo speaker. To enjoy the fine sound balance between right and left, face the Yamaha logo to the listening position.



When not using this unit, press  $\phi$  to turn this unit off to save the power.

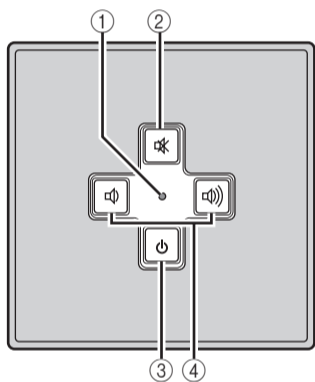
### ■ After using this unit

#### 1 Stop playback of your portable audio player.

#### 2 Press $\phi$ to turn this unit off.

The status indicator (LED) turns off.

## Controls and functions



#### ① Status indicator (LED)

Indicates the current status of this unit. For details, refer to "About the status indicator (LED)".

#### ② $\llcorner$ (Mute button)

Mutes the sound. To cancel the mute, press  $\llcorner$  again or  $\llcorner$ / $\lrcorner$ . The status indicator flashes during mute.

#### ③ $\phi$ (Power button)

Turns this unit on. Press  $\phi$  again to turn this unit off. When this unit is on, the power indicator lights up.

#### ④ $\llcorner$ / $\lrcorner$ (Volume buttons)

Adjust the volume level. Press  $\llcorner$  to increase the volume level and press  $\lrcorner$  to decrease.

### ■ About the status indicator (LED)

LED status	The current status of this unit
Lit	This unit is on.
Flashing	This unit is muted.
Flashes once	The volume of this unit is the maximum or minimum.
Off	This unit is off, or power supply is not connected.

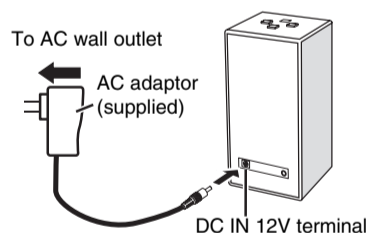
## Troubleshooting

If the problem you are experiencing is not listed below, set this unit to off, disconnect the AC adaptor, and contact the nearest authorized Yamaha dealer or service center.

Problem	Cause	Remedy
No sound.	The connection between this unit and your portable audio player is not correct.	Connect the 3.5 mm stereo mini plug cable properly.
	The volume is set to the minimum.	Increase the volume level.
	This unit is muted.	Cancel the mute.
The volume level is unstable.	The limiter control has been activated due to excessive input.	Decrease the volume level.

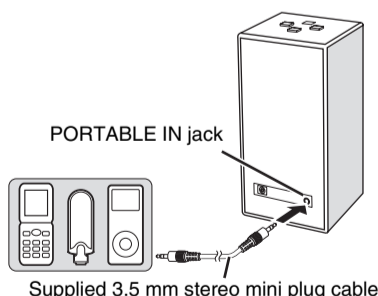
## Connections

### Power supplies



- 1 Connect the supplied AC adaptor to DC IN 12V terminal at the back of this unit.
- 2 Plug the AC adaptor to the AC wall outlet.

### Audio inputs



Connect an audio output jack of your portable audio player and the PORTABLE IN jack of this unit using the supplied 3.5 mm stereo mini plug cable.

#### Note

Before connecting, make sure that this unit is turned off.

## Specifications

Speaker type	1-box stereo, Twin SR-Bass	Power supply	AC adaptor ..... 100 to 240 V AC, 50/60 Hz
	Magnetic shielding type	Power consumption	..... 8 W
Driver	45 mm Ti-cone full-range driver x 2	Standby power consumption	..... 0.6 W
Input (Analog)	3.5 mm Stereo mini jack	Operating environment	
Dynamic power	6 W x 2 (1 kHz, 6 $\Omega$ )	Temperature	.....+5 to +35 $^{\circ}$ C
Max. instantaneous power*	10 W x 2 (1 kHz, 6 $\Omega$ , 10% THD)	Dimensions (W x H x D)	..... 84 x 170 x 84 mm
Input sensitivity/Impedance	200 mV/20 k $\Omega$	Weight	..... 600 g
Maximum input signal			
Analog input	2.0 V	*Refers to the power that can be output for 100 ms continuously.	
Frequency response	90 Hz to 20 kHz	Please note that all specifications are subject to change without notice.	

