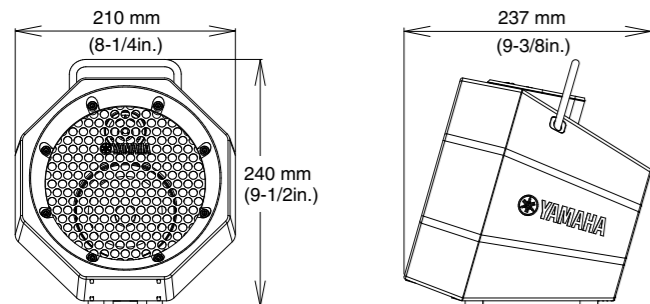


Specifications

Bluetooth version	Ver. 2.1+EDR
Supported profile	A2DP
Supported audio codec	SBC, AAC
RF output power	Bluetooth Class 2
Maximum communications range	10 m (33 ft) without interference
AUX Input connector	ø 3.5 mm (1/8 in.) stereo mini jack
Power voltage/Frequency	
U.S.A. and Canada models	AC 120 V, 60 Hz
Other models	AC 100–240 V, 50/60 Hz
Power consumption	8 W (speaker)
Power consumption when power off and Bluetooth disconnected	0.5 W or less
AC Adaptor	
Australia model	MU18-D120150-A3 (DC 12 V, 1.5 A)
U.K. model	MU18-D120150-B2 (DC 12 V, 1.5 A)
Battery supply	LR6, AA, UM-3 × 6
Battery life	8 hours of power at 0.18 W output (Alkaline Battery)
Weight	1.5 kg (3.3 lbs)
Dimensions	



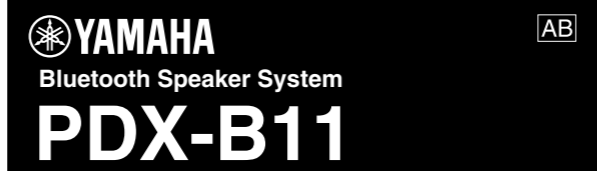
* Specifications are subject to change without notice.
* The name plate is located on the bottom of the unit.

Bluetooth

- Bluetooth is a technology for wireless communication between devices within an area of about 10 meters (33 ft) employing the 2.4 GHz frequency band, a band which can be used without a license.
- Bluetooth is a registered trademark of the Bluetooth SIG and is used by Yamaha in accordance with a license agreement.

Handling Bluetooth communications

- The 2.4 GHz band used by Bluetooth compatible devices is a radio band shared by many types of equipment. While Bluetooth compatible devices use a technology minimizing the influence of other components using the same radio band, such influence may reduce the speed or distance of communications and in some cases interrupt communications.
- The speed of signal transfer and the distance at which communication is possible differs according to the distance between the communicating devices, the presence of obstacles, radio wave conditions and the type of equipment.
- Yamaha does not guarantee all wireless connections between this unit and devices compatible with function.



Features

- ✓ Wireless music streaming via Bluetooth
- ✓ Simple, automatic connection
- ✓ Multi-Source Mix (Bluetooth, AUX-in)
- ✓ Portable use and battery operation



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Owner's manual

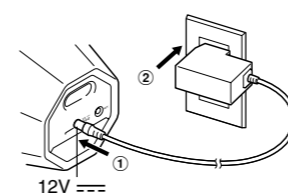
YAMAHA CORPORATION
Printed in China ZE06490

Before use

Supplied accessory

- Please confirm that the following accessory is included before using the unit.
- AC adaptor

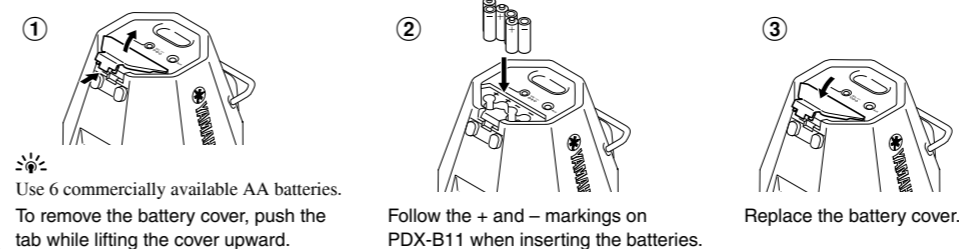
Connect the included AC adaptor.



Connect the AC adaptor to PDX-B11, before connecting the power cable to the wall outlet.

When using PDX-B11 with batteries, disconnect the AC adaptor from the rear panel.

When operating PDX-B11 using batteries



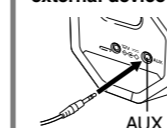
Use 6 commercially available AA batteries. To remove the battery cover, push the tab while lifting the cover upward.

Follow the + and – markings on PDX-B11 when inserting the batteries.

Replace the battery cover.

Controls and functions

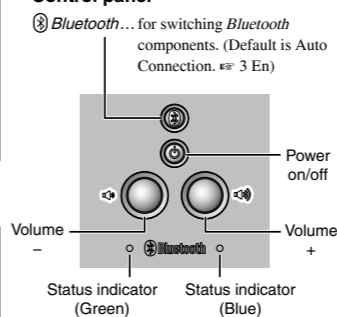
Connecting an external device



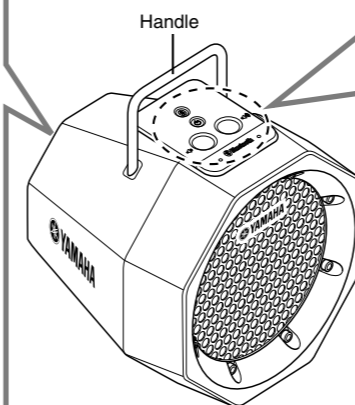
- 1 Connect a (commercially available) 3.5 mm (1/8 in.) stereo mini plug cable to the AUX on the rear panel.
- 2 Power on the unit.
- 3 Play back the AUX source.

Multi-Source Mix
Audio will be mixed when AUX source is played while playing music via Bluetooth connection.

Control panel



Press and hold (power) for more than 3 seconds to power off the unit and then enter power-saving mode. Bluetooth connection is not available while in power-saving mode. To perform Bluetooth connection, press (power) on the unit to cancel power-saving mode.

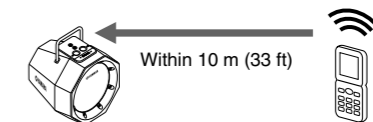


Bluetooth connection for playing music

This unit enables you to enjoy music playback wirelessly with a Bluetooth component (such as a mobile phone, digital music player, etc.) which is paired (registered) and has established Bluetooth connection with this unit.

Installation

- Install in a stable place, being careful of the following points:
- Do not place on top of steel or other metal plates.
 - Do not cover with a cloth, etc.
 - Install in the same room as the device with which signals are to be exchanged (Bluetooth profile A2DP compatible portable music player, mobile phone, etc.) within a direct, line-of-sight distance of 10 m (33 ft).
 - Make sure there are no obstacles between this unit and the Bluetooth component.



Power (Power on/off)

Press (power) to turn this unit on. The status indicator (Green) lights up when the unit is powered on.

Auto power on

The unit powers on automatically when a connected Bluetooth device is played at a loud volume. Auto power on is not available if the unit is powered by batteries.

Auto power off

- The unit powers off automatically in the following cases:
- When an external component is not connected
 - Bluetooth connection is established but there has been no playback for more than 30 minutes.
 - Bluetooth is disconnected by operating the other component.
 - When Bluetooth connection is not established
 - The external component is not connected for more than 30 minutes.
 - The external component's cable is disconnected from the unit.

Pairing (Registration)

Pairing must be performed when using Bluetooth connection for the first time or if pairing data has been deleted.

What is pairing...?

Refer to the operation of registering mobile phones, etc., for Bluetooth communications (hereafter referred to as "other components"). Follow the procedure described below to pair.

Pairing procedure

- 1 Press (power) to turn this unit on.
- 2 Turn on the power of the other component you want to pair with.
- 3-a [For components with input keys (mobile phones, computers, etc.)] Operate the other component to detect Bluetooth components. For details, refer to the other component's operating instructions.
- 3-b [For components without input keys (Bluetooth adaptors, etc.)] Set the other component to the pairing mode and then proceed to step 6. For details, refer to the other component's operating instructions.

- 4 Select "PDX-B11 Yamaha" from the list of the other component.
- 5 If you are prompted for input a passkey, input the number 0000.
- 6 Check that pairing is completed.

- Check that the pairing process on the other component has been completed. If the pairing process fails, start over from step 3.
- If the power supply to this unit is cut off during the pairing operation, the pairing data may be damaged. If so, perform the procedure described at "Clearing all the pairing data" and then perform pairing again.
- This unit can be paired with up to 8 other components. When pairing is conducted successfully with a 9th component and the pairing data is registered, the pairing data for the least recently used other component is cleared.

Bluetooth connection and playback

- 1 Press (power) to turn this unit on.
- 2 Operate the paired other component to establish Bluetooth connection. The status indicator (Blue) stops blinking and stays on when Bluetooth connection is completed.
 - You can omit this operation if the other component can be connected automatically while pairing.
 - The unit and the other component are connected automatically, if the component is latest recently connected one. (Auto Connection)

Note

Auto Connection may not be available depending on the other component. Operate other component if Auto Connection is not available.

- 3 Start playback of the other component.
- 4 Adjust the volume level using (volume).

Disconnect Bluetooth

- a Press (Bluetooth) on the unit.
- b Operate the other component to disconnect Bluetooth.

How to switch a connected Bluetooth component


- 1 Press (Bluetooth) on the unit to be disconnected. (The unit enters Waiting Status.)
- 2 Establish Bluetooth connection. (Perform pairing procedure if this is the first Bluetooth connection with the new component.)

Clearing all the pairing data

- 1 Press (power) to turn this unit on.
- 2 Press and hold (Bluetooth) on the unit for more than 10 seconds. All the pairing data on the unit is cleared.

Status indicators (LED)

Indicate the status of this unit and *Bluetooth* connection.

When the power is on, the status indicator (Green) lights up. When  (volume) on the unit is pressed, it blinks once.

The status indicator (Blue) lights up to show that *Bluetooth* is connected and blinks when disconnected.




The status indicator (Green) does not blink when the unit's volume reaches minimum or maximum value, or when the volume is not adjustable.

Status	LED	
	Green	Blue
<i>Bluetooth</i> connection not established (Auto Connection)	Light up	Blinking slowly (once every 5 seconds)
<i>Bluetooth</i> connection not established (Waiting Status)	Light up	Blinking quickly (twice every 5 seconds)
<i>Bluetooth</i> connection established	Light up	Light up
Clearing all the pairing data	Light up	Blinking quickly (for about 3 seconds)
Batteries are weak	Blinking slowly	–

Troubleshooting

Refer to the table below if the unit does not operate properly. If the problem you are experiencing is not listed below, or if the instruction below does not help, turn off the unit, disconnect the power cable, and contact the nearest authorized Yamaha dealer or service center.


General

Problem	Cause	Remedy
No sound.	The connection between this unit and the other component is not correct.	Connect the cable properly, or establish <i>Bluetooth</i> connection again.
	The volume of this unit or other component is set to the minimum.	Increase the volume level for both this unit and other component.
	AC adaptor is not connected correctly.	Connect AC adaptor correctly.
	The batteries are weak.	Replace all batteries.
Even if the volume level is raised, the sound level does not increase.	The protection circuitry has been activated by excessive volume.	Reduce the volume level.
	The volume of the other component is low.	Increase the volume level of other component.
The status indicator (Green) is blinking slowly.	The batteries are weak.	Replace all batteries.
This unit does not work at all.	Reset the unit.	Press and hold the  (power) on the unit for more than 10 seconds.

When using the *Bluetooth* connection

Problem	Cause	Remedy
Cannot make this unit paired with the other component.	The other component does not support A2DP.	Perform pairing operations with a component which supports A2DP.
	A <i>Bluetooth</i> adaptor, etc. that you want to pair with this unit has a passkey other than "0000".	Use a <i>Bluetooth</i> adaptor, etc. whose passkey is "0000".
	Wrong distance.	Reposition this unit within 10 m (33 ft) range from the other component.
	There is a device (microwave oven, wireless LAN, etc.) outputs signals in the 2.4 GHz frequency band nearby.	Reposition this unit.
No sound is produced or the sound is interrupted during playback.	The unit is in power-saving mode.	Power on the unit and perform <i>Bluetooth</i> connection.
	<i>Bluetooth</i> connection is already established with another component.	Disconnect <i>Bluetooth</i> connection with another component.
	The other component is not connected to this unit by <i>Bluetooth</i> .	Perform <i>Bluetooth</i> connection (≡ 3 En).
	Wrong distance.	Reposition this unit within 10 m (33 ft) range from the other component.
	There is a device (microwave oven, wireless LAN, etc.) outputs signals in the 2.4 GHz frequency band nearby.	Reposition this unit.
	The other component's <i>Bluetooth</i> function is not enabled.	Check that the <i>Bluetooth</i> function of the other component is set properly.
	This unit is not registered on the other component's <i>Bluetooth</i> device list.	Perform pairing operations again.
	The other component is not set to send <i>Bluetooth</i> audio signals to this unit.	Check that the <i>Bluetooth</i> function of the other component is set properly.
	The pairing setting of the other component is not set to this unit.	Set the pairing setting of the other component to this unit.
	The other component's volume is set to the minimum.	Increase the volume level of the other component.

Others

Problem	Cause	Remedy
<i>Bluetooth</i> connection cannot be established when the unit is powered off, even if the AC adaptor is connected.	The unit is in power-saving mode.	Power on the unit and perform <i>Bluetooth</i> connection.
Auto power on does not work.	The volume of the other component is low.	Increase the volume level of other component.
	The played audio is too short.	This unit does not power on if the duration of the sound is short, such as a click.
The unit powered off automatically.	Auto power off has occurred. Refer to "Auto power off" under "Power (Power on/off)".	Press  (power) to turn this unit on.
Auto power off does not work.	The cable is connected to the AUX connector.	Disconnect the cable from AUX connector.

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.

- 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.)
- Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
- 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.
- 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.
- 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.
- Do not operate this unit upside-down. They may overheat, possibly causing damage.
- Do not use force on switches, knobs, and/or cords.
- When disconnecting the power cable from the wall outlet, grasp the AC plug; do not pull the cord.
- Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
- 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.
- 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.
- When not planning to use this unit for long periods of time (i.e. when going on vacation), disconnect the power cable from the AC wall outlet.
- Be sure to read the "TROUBLESHOOTING" section regarding common operating errors before concluding that the unit is faulty.
- Before moving this unit, disconnect the power cable from the wall outlet.
- 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.
- Install this unit near the wall outlet and where the power cable can be reached easily.
- 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.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
 - Keep the batteries in a location out of reach of children. Batteries can be dangerous if a child were to put in his or her mouth.
 - If the batteries grow old, the effective operation range of the remote control decreases considerably. If this happens, replace the batteries as soon as possible.
 - Do not use old batteries together with new ones.
 - Do not use different types of batteries (such as alkaline and manganese batteries) together. Read the packaging carefully as these different types of batteries may have the same shape and color.
 - Exhausted batteries may leak. If the batteries have leaked, dispose of them immediately. Avoid touching the leaked material or letting it come into contact with clothing, etc. Clean the battery compartment thoroughly before installing new batteries.
 - If you plan not to use the unit for a long period of time, remove the batteries from the unit. Otherwise, the batteries will wear out, possibly resulting in a leakage of battery liquid that may damage the unit.
 - Do not throw away batteries with general house waste. Dispose of them correctly in accordance with your local regulations.

There is a chance that placing this unit too close to a CRT-based (Braun tube) TV set might impair picture color. Should this happen, move this unit away from the TV set.

WARNING
DO 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.

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

For U.K. customers

If the socket outlets in the home are not suitable for the plug supplied with this appliance, it should be cut off and an appropriate 3 pin plug fitted. For details, refer to the instructions described below.

Note

The plug severed from the mains lead must be destroyed, as a plug with bare flexible cord is hazardous if engaged in a live socket outlet.

AVEEA71102A

Important Notice: Guarantee Information for customers in EEA* and Switzerland

For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area (<http://europe.yamaha.com/warranty/>)

Radio waves may affect electro-medical devices. Do not use this unit near medical devices or inside medical facilities.

SPECIAL INSTRUCTIONS FOR U.K. MODEL

IMPORTANT
THE WIRES IN MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:
Blue: NEUTRAL
Brown: LIVE
As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.
Making sure that neither core is connected to the earth terminal of the three pin plug.


Do not use this unit within 22 cm (9 inches) of persons with a heart pacemaker implant or defibrillator implant.


We, Yamaha Music Europe GmbH hereby declare that this unit is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.




Yamaha Music Europe GmbH
Siemensstr. 22-34 25462 Rellingen, Germany
Tel: +49-4101-303-0

Information for Users on Collection and Disposal of Old Equipment and used Batteries

 These symbols specified in the Directives 2002/96/EC and 2006/66/EC indicate that used electrical and electronic products and batteries should not be mixed with general household waste.

 For proper treatment to avoid harmful effect on human health and environment, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

 **Note for the battery symbol (bottom two symbol examples):**
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.