



CUBE Street MINI

Owner's Manual

Before using this unit, carefully read the information in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the "READ THIS FIRST" leaflet). After reading, keep the document(s) where it will be available for immediate reference.

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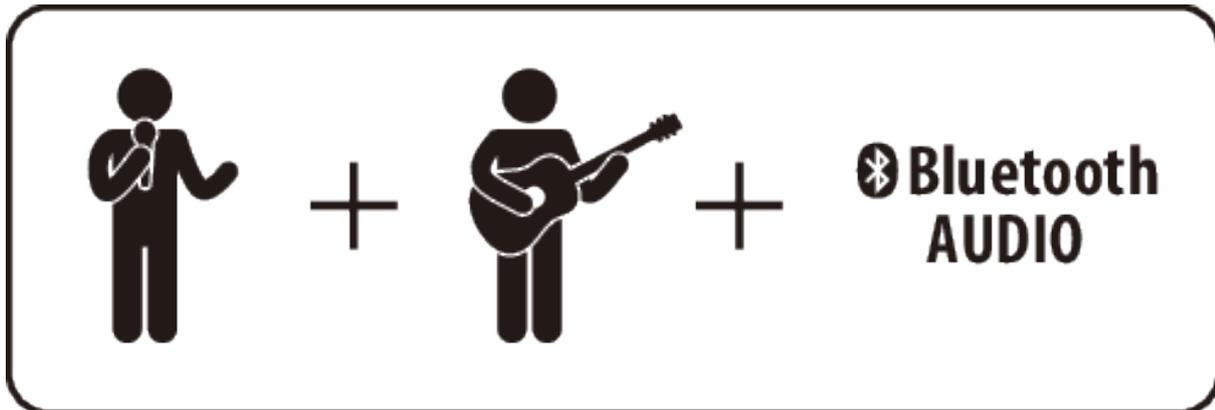
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Introduction

What you can do with the CUBE Street MINI

- You can directly connect your acoustic electric guitar, electric guitar, mic, keyboard or a wide range of other instruments to this unit.
- This unit features **Bluetooth®** audio functionality that lets you play backing tracks or sound effects, so that you can use the unit in all kinds of ensemble and live performances.
- This unit includes a built-in battery so that you can use it even without being connected to AC power.
- You can set up this unit on the tilt stand or on a mic stand, so that your sound can be delivered in the appropriate direction. For details, refer to [“Setting up this unit \(p. 20\)”](#).
- You can also connect a pair of headphones and use this unit at any time of day.

Possible applications

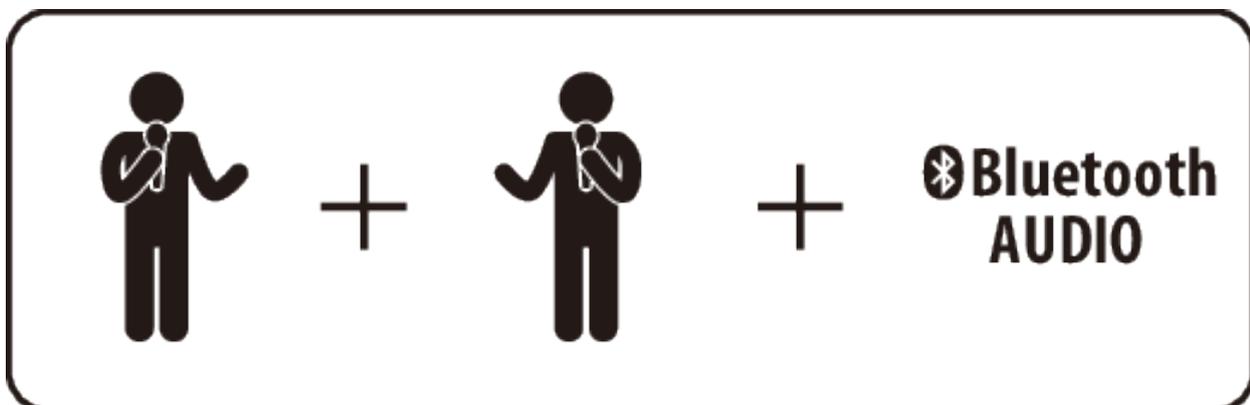


Vocals

Acoustic guitar

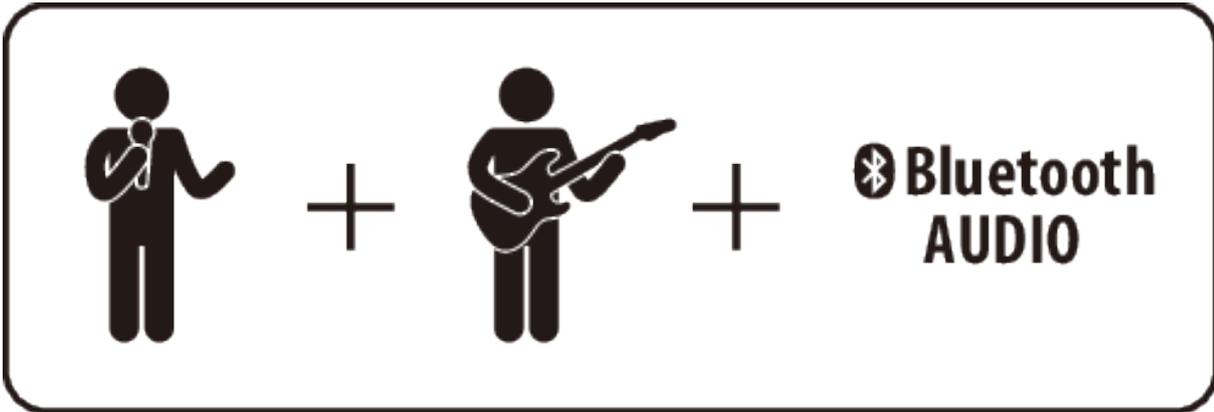
Acoustic electric guitar
featuring a pickup, etc.

Backing tracks, sound
effects, etc. played via
Bluetooth audio



Two vocalists

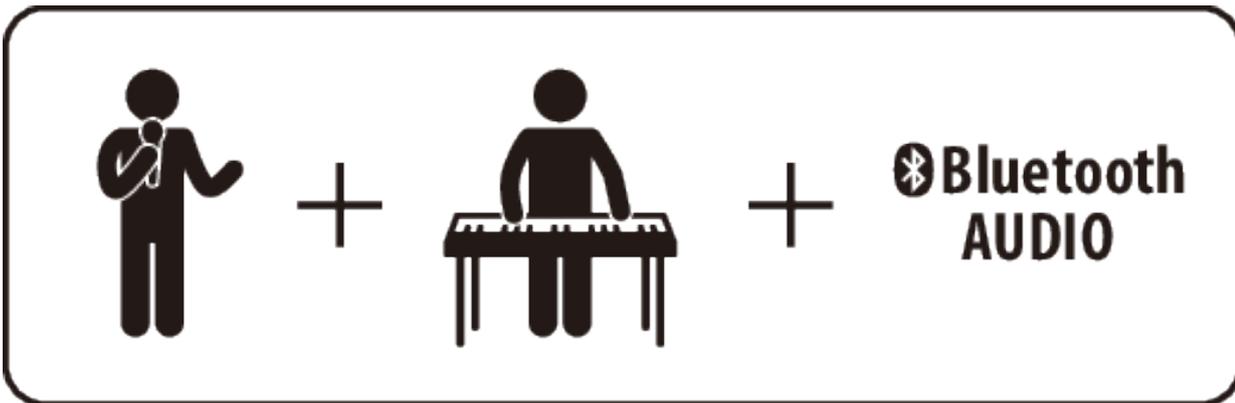
Backing tracks, sound
effects, etc. played via
Bluetooth audio



Vocals

Electric guitar

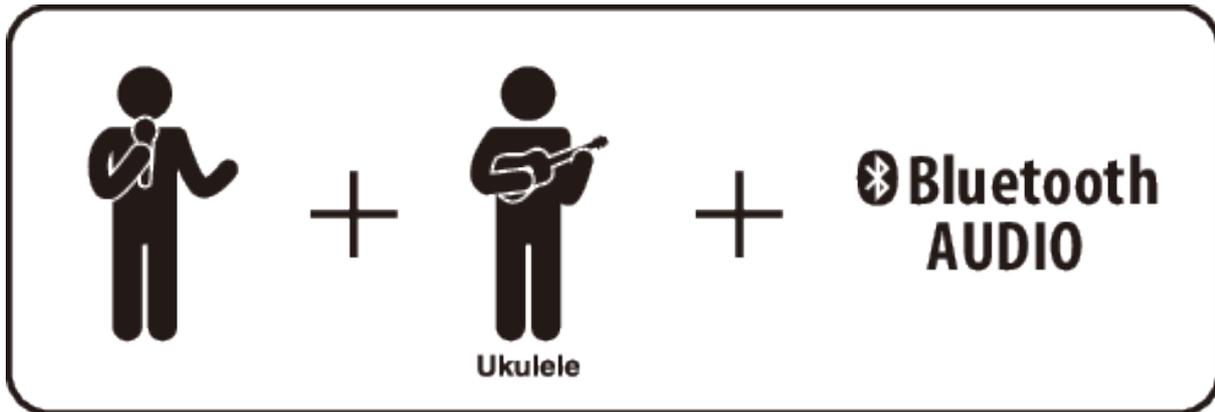
Backing tracks, sound effects, etc. played via Bluetooth audio



Vocals

Keyboards

Backing tracks, sound effects, etc. played via Bluetooth audio

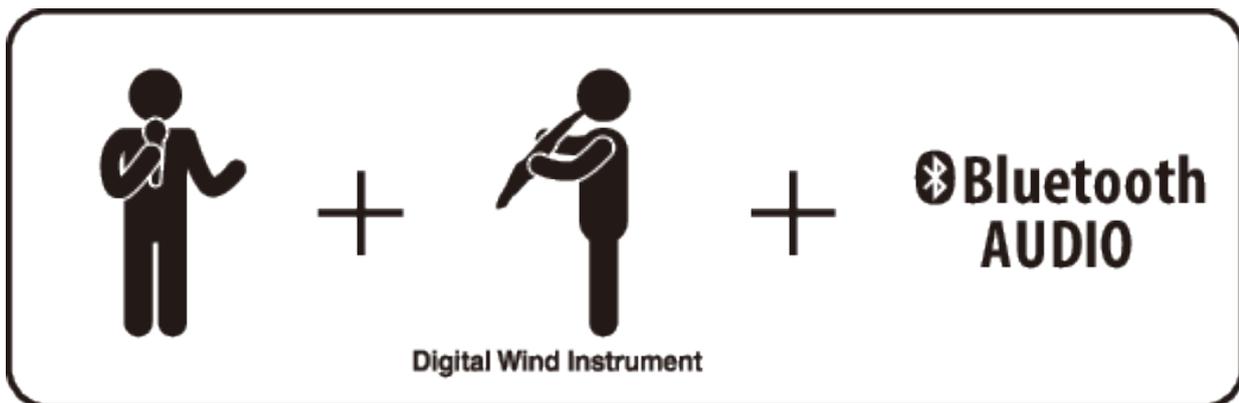


Vocals

Ukulele

Electric ukulele featuring a pickup, etc.

Backing tracks, sound effects, etc. played via Bluetooth audio



Vocals

Digital wind instruments

Electronic saxophones, Aerophones, etc.

Backing tracks, sound effects, etc. played via Bluetooth audio

Top panel



1 5V DC port (USB Type-C®)

Connect this to a commercially available USB AC adaptor (at least 5 V/2 A) to supply power to or recharge this unit.

* A commercially available USB AC adaptor (5 V/2 A or greater) is required to power this unit via the 5V DC port. Some USB AC adaptors may not work with this instrument, depending on the manufacturer and type.

2 [POWER (⏻)] switch

Turns the power of this unit on (upper side) or off (lower side).

* Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the instrument on/off. This is normal and does not indicate a malfunction.

3 POWER indicator

Indicates the state of the power supply or charging.

Display	Status
Unlit	Power off
Lit red	Power on
Blinking orange	Powered off and recharging
Lit orange	Powered on and recharging NOTE Some USB AC adaptors may produce line noise when connected. If this happens, we recommend that you use a different USB AC adaptor, or else unplug the USB AC adaptor and then use the unit on battery power.
Blinking red	Battery low Charge the battery as soon as possible.
Rapidly blinking red	You may be using the unit outside of its operating temperature range (0–40°C). Be sure to use the unit only within the specified temperature range.
Rapidly blinking orange	You may be charging the unit outside of its charging temperature range (5–30°C). Be sure to charge the unit only within the specified temperature range.

4 (PHONES)/REC jack

Use this as a headphones jack or as an output jack for recording.

The jack outputs in stereo.

* If a plug is inserted into this jack, no sound is output from the amp's speaker.

5 [TUNER/Bluetooth] button

Press this when you want to use the tuner.

When connecting via Bluetooth®, long-press the button for at least three seconds.

* The sound of your guitar is muted when you are using the tuner.

6 TUNER indicators

These indicators show the tuning status when you use the tuner.

GUITAR/MIC/INST

Adjusts the volume and tonal character of the signal input to the GUITAR/MIC/INST jacks.



1 [TYPE] knob

Type	Explanation	
MIC	Select this if you've connected a microphone.	
E.GUITAR	Select this when connecting an electric guitar.	
	LEAD	This is a high-gain original amp that produces thick-sounding distortion.
	CLEAN	This is an original amp that provides a clean and natural sound with a sense of transparency.
INST	Select this when connecting line-level devices such as a keyboard or Aerophone.	
A.GUITAR	Select this when connecting an acoustic guitar.	
	BRIGHT	A brilliant sound extending to the high range.
	FLAT	A direct sound that doesn't emphasize the resonance of the body.

2 [VOLUME] knob

Adjusts the volume of the signal input from a device connected to the GUITAR/MIC/INST jacks.

3 [TONE] knob

Adjusts the tonal character of the signal input from a device connected to the GUITAR/MIC/INST jacks.

Turn the knob clockwise for a brighter tone, and turn it counterclockwise for a milder tone.

4 [REV/DLY] knob

Adjusts how much the effects are applied to devices connected to the GUITAR/MIC/INST jacks.

The effect switches between reverb, chorus and delay, depending on the position of the knob.

Top panel

MIC

Adjusts the volume and tonal character of the signal input to the MIC connector.



1 [VOLUME] knob

Adjusts the volume of the mic connected to the MIC connector.

2 [TONE] knob

Adjusts the tonal character of the mic connected to the MIC connector.

Turn the knob clockwise for a brighter tone, and turn it counterclockwise for a milder tone.

3 [REV/ECHO] knob

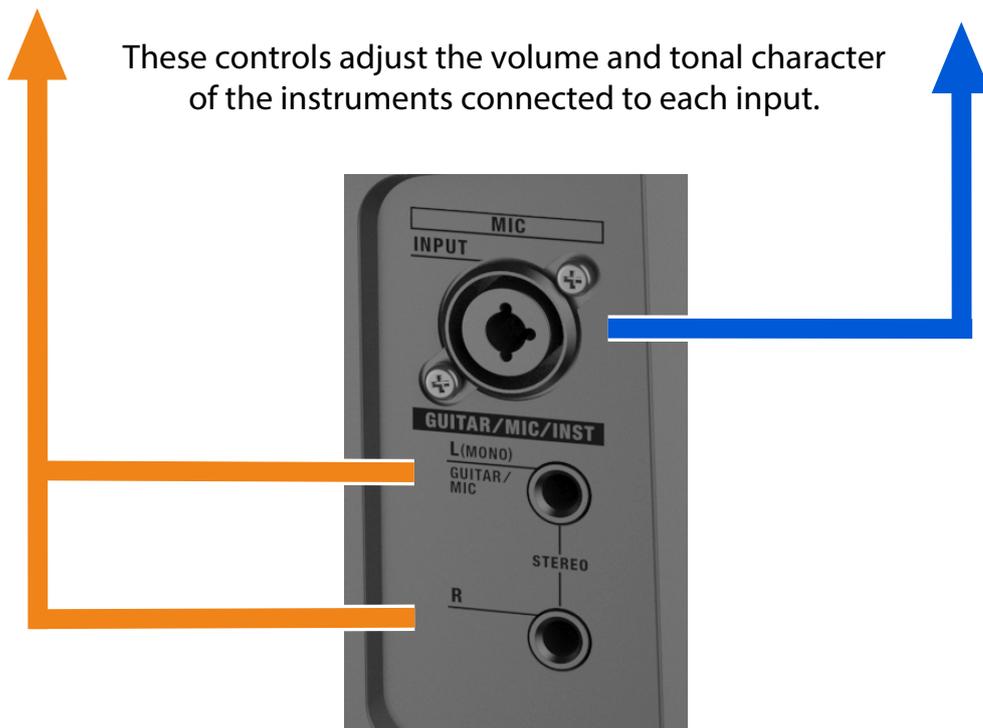
Adjusts how much the effects are applied to the device connected to the MIC connector.

The effect switches between reverb and echo, depending on the position of the knob.

Adjusting volume and tonal character



These controls adjust the volume and tonal character of the instruments connected to each input.



Effect type and characteristics

Type	Characteristics
Reverb	This effect adds reverberation to the sound. It simulates the expansive sound of spaces, like a hall or studio.
Chorus	An effect that adds a slightly modulated sound to the direct signal, creating beautiful spaciousness and depth.
Delay	An effect that adds thickness and depth by repeating the sound.
Echo	This is effective in adding thickness to sounds like choral sounds. It adds a lingering sound to the vocals for an impressive sound.

Side panel

* To prevent malfunction and equipment failure, always turn down the volume, and turn off all of the devices before making any connections.

■ MIC connector

Dynamic mic (*1)



■ GUITAR/MIC/INST jacks

■ Connecting instruments with mono output

Connect to the L (MONO) jack.



Electric guitar



Acoustic electric guitar



Dynamic mic (*1)

1/4-inch phone type

■ Connecting stereo instruments

Connect to the L (MONO) and R jacks.

1/4-inch phone type

1/4-inch phone type



Guitar effects processor



Electric guitar

1/4-inch phone type

1/4-inch phone type



Keyboard

Stereo 1/4-inch phone type



Aerophone Pro, AE-20, etc.
(when using stereo 1/4-inch phone type jack)

Stereo miniature phone type



Aerophone GO, Aerophone mini, etc.

If the connected instrument does not have an OUTPUT jack (a jack capable of line-level output), connect it to the PHONES jack. If distortion occurs, lower the volume.

Side panel

*1 Condenser mics that require phantom power are unsupported. This unit cannot supply phantom power.

Pin assignment of MIC connector



Rear panel



1 Ground terminal (earth)

Connect this to an external earth or ground. This should be connected when necessary.

2 Tilt stand

You can make the speakers face upwards by using the tilt stand to tilt this unit.

For details, refer to “[Setting up this unit \(p. 20\)](#)”.

Charging this unit

* Use a commercially available USB AC adaptor (at least 5 V/2 A).

1 Slide the [POWER] switch on this unit down to turn off the power.

Although you can recharge the unit while it is powered on, the unit charges faster when it's off.

2 Connect a commercially available USB AC adaptor (at least 5 V/2 A) to the USB port of this unit with the included USB cable.

The POWER indicator blinks orange while the unit is charging (the indicator stays lit orange if the unit is powered on).

The POWER indicator goes dark once charging is finished (the indicator lights up red if the unit is powered on).

* Be sure to use only the included USB cable when charging. Do not use the included USB cables with any other equipment besides this unit.

NOTE

Even if you won't be using this unit for a long time, charge it once every three months to prevent the battery from degrading or excessively discharging.

Temperature range

When in use: 0–40°C

When charging: 5°–30°C (*1)

When stored: 10–35°C

*1 To take full advantage of the battery's performance, we recommend that you charge it within a temperature range of 5–30°C.

How to perform a refresh recharge

If the time that the unit can run on battery power only (without power supplied from the USB AC adaptor) is getting short, the battery life might improve if you do a "refresh recharge".

1 Turn this unit off.

2 Charge the unit with a commercially available USB AC adaptor (at least 5 V/2 A).

3 Disconnect the USB AC adaptor after charging is complete.

4 Turn on this unit and then let it run on battery power all the way until fully discharged.

5 Repeat steps 1–4 several times.

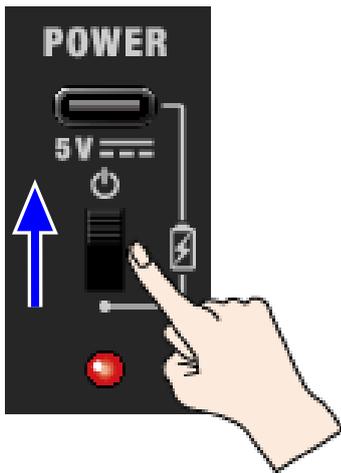
* The battery's performance may not fully recover after you recharge the battery only once following excessive discharge. Although the battery performance does recover after refresh recharging, this does not restore the battery's original performance.

Turning the power on/off

Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the instrument on/off. This is normal and does not indicate a malfunction.

Turning the power on

- 1** Make sure that the [VOLUME] knob of this unit and the volume on all connected devices is set to 0.
- 2** Turn on the connected devices.
- 3** Turn the [POWER] switch of this unit to the "ON" (upper) setting.



- 4** Adjust the volume levels of the devices.

Turning the power off

- 1** Make sure that the [VOLUME] knob of this unit and the volume on all connected devices is set to 0.
- 2** Turn the [POWER] switch of this unit to the "OFF" (lower) setting.
- 3** Turn off the power of the connected devices.

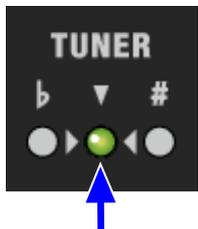
Using the tuner

Six-string guitar mode

The pitches of six-string guitars are determined using regular tuning.

1 Press the [TUNER/♯] button.

The TUNER (▼) indicator rapidly blinks twice.



2 Play a single note on the open string you want to tune.



Reference pitch: A4 = 440 Hz

* The reference pitch is expressed as the frequency you hear when you play the middle A (A4) note.

3 When you have finished tuning, press the [TUNER/♯] button again.

The TUNER (▼) indicator rapidly blinks twice and then goes dark.

Chromatic mode

MEMO

The tuner features a chromatic mode.

Chromatic is another word for "half steps".

In chromatic mode, the unit determines which is the closest note in the equal temperament scale (C, C#, D, D#, E, F, F#, G, G#, A, A#, B) that you played.

* Chromatic mode does not support the "scale display" function.

Reference pitch: A4 = 442 Hz

* The reference pitch is expressed as the frequency you hear when you play the middle A (A4) note.

How to set chromatic mode

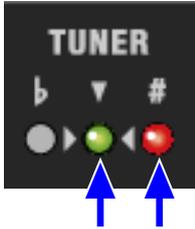
1 Turn the [POWER] switch to the "OFF" (lower) setting.

The power turns off.

2 Set the [TYPE] switch to "INST".

3 Turn the [POWER] switch “ON” (upper side) while holding down the [TUNER/ ♯] button.

The instrument’s power turns on, and the TUNER indicators (▼) and (♯) blink.



4 Turn the [POWER] switch to “OFF” (lower side) and then “ON” again (upper side) to cycle the power.

* This setting is stored in memory even if the POWER switch is turned OFF.

How to set six-string guitar mode (factory setting)

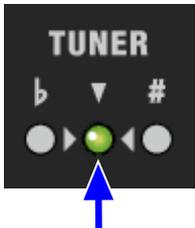
1 Turn the [POWER] switch to the “OFF” (lower) setting.

The power turns off.

2 Set the [TYPE] switch to “CLEAN”.

3 Turn the [POWER] switch “ON” (upper side) while holding down the [TUNER/ ♯] button.

The instrument’s power turns on, and the TUNER indicator (▼) blinks.



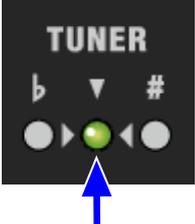
4 Turn the [POWER] switch to “OFF” (lower side) and then “ON” again (upper side) to cycle the power.

* This setting is stored in memory even if the POWER switch is turned OFF.

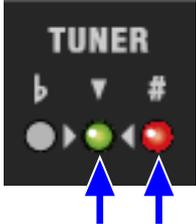
Checking the mode

1 With all TUNER indicators off, press the [TUNER/ ♯] button.

The TUNER indicator blinks.

Mode	Display
Six-string guitar mode (factory setting)	TUNER indicator (▼) blinks 

Using the tuner

Mode	Display
Chromatic mode	<p>TUNER indicators (▼) and (#) blink</p> 

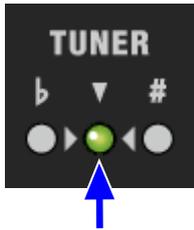
Listening to the audio from your mobile device on this unit (Bluetooth® audio)

Connect your mobile device to this unit wirelessly via Bluetooth® when you want to output the audio you're playing back on your mobile device from this unit. By doing this, you can enjoy playing guitar along with backing tracks.

Pairing with your mobile device

1 Long-press the [TUNER/ ♯] button for at least three seconds.

The TUNER (▼) indicator keeps blinking slowly.



2 On your mobile device (such as a smartphone), turn the Bluetooth® switch on.

3 Tap "CUBE Street MINI" that's shown on the Bluetooth® screen of your mobile device.

This pairs this unit with your mobile device. Once paired, the TUNER (▼) indicator rapidly blinks and then goes dark.

MEMO

- To adjust the volume of your mobile device's playback, make adjustments on that device.
- When you turn this unit on, the unit automatically connects to the mobile device it was paired with before the power was turned off.

Disconnecting from your Bluetooth-connected mobile device

1 Long-press the [TUNER/ ♯] button for at least three seconds.

The TUNER (▼) indicator keeps blinking slowly.

2 Press the [TUNER/ ♯] button again.

The TUNER indicator (▼) goes dark.

MEMO

You can also unpair the devices from the Bluetooth® screen of your mobile device.

Setting up this unit

Tilt stand

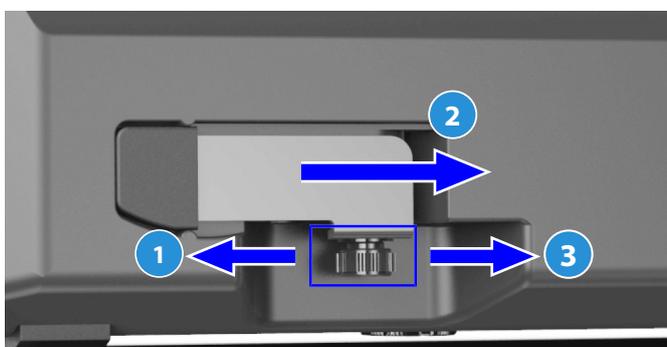
You can use the tilt stand to tilt this unit, so that your sound can be delivered in the appropriate direction.

* When you operate the tilt stand, be careful not to get your fingers pinched between the movable parts and this unit. In places where small children are present, make sure that an adult provides supervision and guidance.



How to pull out the tilt stand

- 1** Loosen the tilt stand by turning the thumbscrew counterclockwise.
- 2** Pull out the tilt stand.
- 3** Turn the thumbscrew clockwise to lock it in place, so that the tilt stand does not move.



Retracting the tilt stand

- 1** Loosen the tilt stand by turning the thumbscrew counterclockwise.

2 Return the tilt stand to its original position (push it back into place).

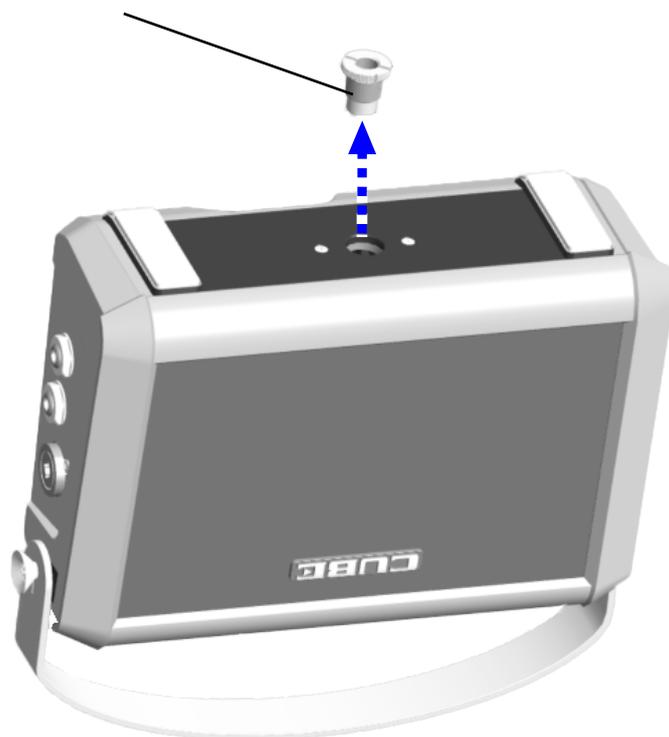
3 Turn the thumbscrew clockwise to lock it in place, so that the tilt stand does not move.

Mic stand

When this unit is used with a microphone stand, it can be placed at the optimal height to be used as a monitor or basic PA.

- The mic stand holder can support mic stands with a hole diameter of 3/8 inches or 5/8 inches.
- For a 5/8-inch hole diameter, remove the mic stand adaptor on the base.
- * If you are not using a mic stand, be sure to attach the mic stand adaptor to avoid sound (air) leakage.
- * Before turning the unit over, lay out several pieces of newspaper, magazines at the four corners and on both sides of this unit to protect the buttons, knobs and other controls from damage. When doing so, make sure to place the unit so that the buttons, knobs and other controls do not get damaged.
- * When turning the unit over, handle it carefully so as not to drop or overturn it.

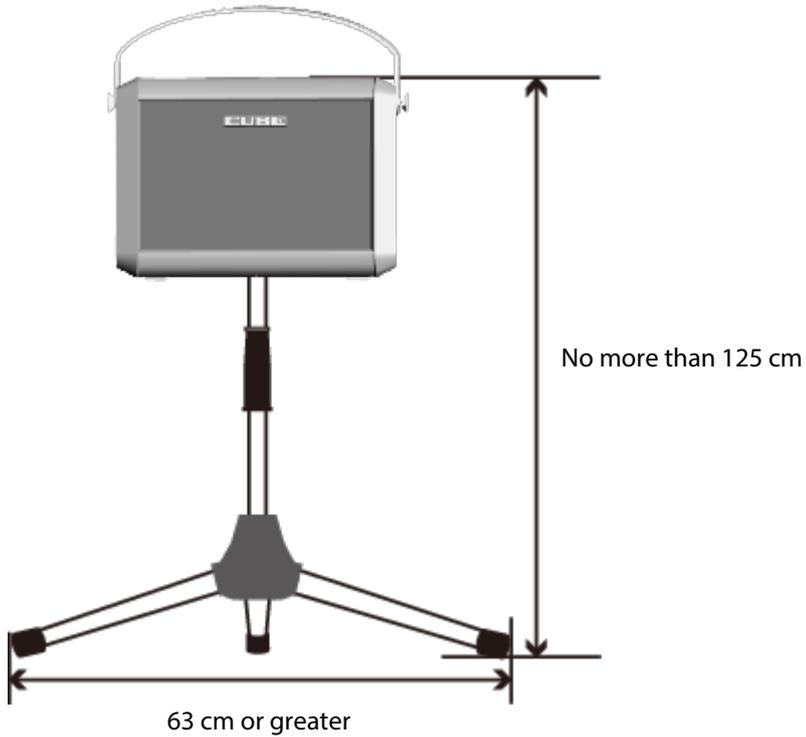
Mic stand adaptor



Conditions for using a mic stand

As shown in the illustration below, use a mic stand that allows the setup to be 125 cm or less (including the CUBE Street MINI), with the tripod legs opening to a maximum of at least 63 cm.

Setting up this unit



- * If you extend the mic stand more than 125 cm, or if the tripod legs do not open up to at least 63 cm, you may be injured or the unit may be damaged if the stand and amp fall over.
- * Do not set up the CUBE Street MINI on a mic stand on a place where the stand and amp wobble or tilt. Make sure that the stand is set up on a stable and level place.
- * After attaching the CUBE Street MINI onto the mic stand, be sure that it does not wobble before you use it.
- * Arrange the cables that are connected to the CUBE Street MINI with plenty of space, to avoid accidents like tripping and falling.
- * To avoid accidents due to falling objects, do not place anything on top of a CUBE Street MINI that's mounted on a mic stand.

Troubleshooting

Problem	What to check and do
The unit doesn't charge even when I connect it to a USB AC adaptor.	Check whether the USB AC adaptor can output at least 5 V/2 A of power, and that it meets the product's specifications.
The unit doesn't run for very long on battery power (while not supplied power from a USB AC adaptor).	<p>The battery may have been excessively discharged.</p> <p>Try doing a "refresh recharge".</p> <p>For details, refer to "Charging this unit (p. 14)".</p> <ul style="list-style-type: none"> * The battery's performance may not fully recover after you recharge the battery only once following excessive discharge. Although the battery performance does recover after refresh recharging, this does not restore the battery's original performance. * This product features a built-in battery, for which the performance gradually deteriorates depending on usage conditions and age. This is a characteristic of all such batteries, and is unavoidable. Battery degradation may reduce charge and usage time. For inquiries regarding the built-in battery, please contact a BOSS service center.
<p>"CUBE Street MINI" is not shown on the Bluetooth® screen of the mobile device you want to pair with this unit.</p> <p>However, it does appear on other mobile devices.</p>	<p>Is the Bluetooth® switch activated on your mobile device? Turn the Bluetooth® switch on.</p> <p>Turn the mobile device you want to use off and then on again.</p>

Main specifications

Rated Power Output	10W (5W+5W)		
Nominal Input Level	MIC INPUT	-40 dBu (2 k Ω)	
	GUITAR/MIC/INST INPUT	-10 dBu (1 M Ω)	
Speakers	Woofer	12 cm (5 inches)	
	Tweeter	1.2 cm (0.5 inches) x 2	
Connectors	INPUT	MIC jack	Combo type (XLR type, 1/4-inch TRS phone type), balanced
		GUITAR/MIC/INST L (MONO) jack	1/4-inch phone type
		GUITAR/MIC/INST R jack	1/4-inch phone type
		5 V (DC IN) port	USB Type-C®
	OUTPUT	PHONES/REC OUT jack	Stereo miniature phone type
Bluetooth®	Profile Support	A2DP (Audio)	
Power Supply	Ni-MH battery		
Current Draw	1500 mA		
Expected battery life under continuous use	Approximately 7 hours * These figures will vary depending on the actual conditions of use.		
Battery charging time	Approximately 3 hours * To charge the unit, use the USB port of a computer or a commercially available USB power supply adaptor (5 V, 2 A or higher).		
Dimensions (excluding strap)	274 (W) x 110 (D) x 192 (H) mm 10-13/16 (W) x 4-3/8 (D) x 7-9/16 (H) inches 274 (W) x 156 (D) x 197 (H) mm (using tilt stand) 10-13/16 (W) x 6-3/16 (D) x 7-13/16 (H) inches (using tilt stand)		
Weight (including strap)	2.2 kg 4 lbs 14 oz		
Accessories	Leaflet "Read Me First" USB Type-C® to USB Type-A cable for charging		
Options (sold separately)	Carrying case: CB-MBC1		

* 0dBu = 0.775Vrms

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

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Roland Corporation**

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