SANYO

GB

9V POWER PEDAL JUICE™

KBC-9V3E

Instruction Manual

Thank you for purchasing this product. Be sure to read this Instruction Manual carefully before using the product.
Please keep the Instruction Manual for future reference.

Features

- Stable 9V Lithium - Ion rechargeable battery power.
- Powers pedals, multi - effect units, and portable recording devices.
- Rechargeable hundreds of times.
- Fully recharges in only 3.5 hours.
- Single - button operation.
- 3 stage power status LED indicator.
- Water and shock resistant.

SANYO Electric Co.,Ltd.

Open it to read.

Safety Precaution

Before you use this product, please read and follow this "Safety Precaution" carefully. In addition, please keep it in a convenient place so that it can be found anytime by other persons who use it after you have read it.

•The precautions stated here are meant for users to use this product safely and properly and to prevent safety hazards or damages from being incurred to you or other users in advance. In addition, in order to show the level of magnitude or urgency of the safety hazard or damage, the situations where mishandling is likely to occur are classified into three sections, namely "Danger", "Warning" and "Caution" for these precautions. Be sure to follow these precautions since they are important for your safety.

Regarding the display

⚠ Danger	The situation where imminent danger such as fatal accident or server injury might occur.
⚠ Warning	The situation where there is a possibility that people might be killed or severely injured.
⚠ Caution	The content where there is a possibility that people might be severely injured or might cause a physical damage.

Examples of displayed symbols

⚠	This symbol shows certain situation that draws warning or caution. In the drawing, the specific content of the caution is described. (example: ⚠ a caution in electric shock)
⃠	This symbol shows that certain action should be restricted. In the drawing or at is nearby, the specific content of the restriction is described. (example: ⃠ a spark restriction)
●	This symbol compels or instructs certain action. In the drawing, the specific content of the instruction is described. (example: ● a power plug is to be pulled out from an outlet)

⚠ Danger

Please do not use it for purposes other than intended

This might cause liquid leakage, generation of heat, rupture, ignition and breakdown.

Please do not expose to liquids

To reduce the risk of fire or electric shock.
Do not expose this apparatus to rain or moisture.

Please do not throw it into fire

This might cause liquid leakage, ignition, generation of heat and damage.

Please do not use it in places of high temperature

Do not put it near fire, near the stove or in a car under hot sun.This might cause deformation, breakdown or burning.

Please do not short-circuit the jack or plug

This might cause breakdown of equipment or injury to the user.

Please take precaution of liquid leakage

When the liquid in this product goes into your eyes, please do not rub them.Instead, rinse your eyes with clean water and see a doctor immediately.This might cause blindness.

Please do not disassemble

This might cause liquid leakage, ignition, generation of heat and breakdown. For disposal of the product, please follow the instructions in "Collection and Recycle of Lithium-ion battery"

Please use the dedicated AC adaptor

To charge the unit using an AC plug, please use the enclosed AC adaptor. Do not use an electronic transformer. This might cause generation of heat, ignition and breakdown.

⚠ Caution

- Please do not charge a wet unit or a wet AC adaptor. This might cause generation of heat, ignition, or rupture.
- Please do not place heavy items on the cord.This might cause electric shock or fire.
- Please do not place it on an unstable surface like on a shaky table, etc. If it falls, this might cause a breakdown or injury to people.
- Please do not store it in a humid, dusty or very hot place.This might cause a breakdown.
- Please store it in a place where babies cannot access. Otherwise it could cause injury.
- When it is used by a child, the guardians should instruct on the way to use it. In addition, please ensure that the child follow the instruction while he or she uses it.
- If any abnormality occurs on your skin due to the use of this product, please stop using it and see a doctor.
- Please pull out the AC plug from the outlet and store it properly except when you are charging the device. It might cause injury if a power plug is left in the outlet.

⚠ Warning

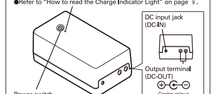
- Please do not use it when abnormalities such as odor, generation of heat, change in color, deformation etc. occur while it is in use or when it is stored. This might cause leakage of liquid, ignition, generation of heat and rupture.
- When the liquid in this product adheres to your skin or clothing, please rinse it immediately with clean water. This might cause damage to your skin.
- Please verify the (+) and (–) end of the unit when you use the output terminal.
- Please stop charging if it is not finished even after a prescribed time has passed. If it is not stopped, it might cause leakage of liquid, ignition, generation of heat and rupture.
- Please do not use it in a humid place such as in the bathroom. This might cause generation of heat, electric shock and breakdown.
- Do not damage a cord by stomping on it or lay it under equipment. Please do not use a cord that has been damaged as this might cause electric shock, generation of heat and fire.
- Please do not put it in a heating device such as a microwave oven or a high-pressure container. This might cause generation of heat, emission of smoke, ignition or breakdown of circuit components.
- Please do not give it a strong bang or throw it. This might cause a breakdown or fire.
- Please charge it in a stable place. Do not cover or wrap it with a cloth.
- Please do not use it in places where there is a risk of ignition or explosion. This might cause an explosion or fire.

Part Names and Functions

Part Names

Main Device

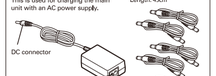
Charge Indicator Light
●Refer to "How to read the Charge Indicator Light" on page 9 .



●The power is turned On or Off.

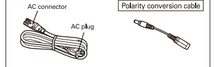
AC adaptor

This is used for charging the main unit with an AC power supply.



5 DC cords for output
Length: 45cm

AC Cord

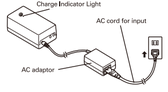


Polarity conversion cable

Charging the Device

1.Insert the DC connector of the AC adaptor into the DC input jack of the device.
●Please insert the DC connector into the end securely.
2.Insert the AC connector of AC cord for input into socket of AC adaptor.
●Please insert the DC connector into the device securely.
3.Insert the AC plug of the AC cord for power.
When the charge indicator lights up for approximately every 2 seconds, this means the battery is being charged correctly.
Estimated recharge time: About 3.5 hours
●The color of the charge indicator displays the residual power of the battery. (Refer to "How to read the charge indicator light" on page 9 for more details.)
●While charging, output is not carried out.

The Mains plug is used as the disconnect device.
The Mains plug shall remain readily operable to disconnect the plug in case of an accident.



4.When the charging is complete, the green light in the status indicator goes off.
5.After the unit is charged, pull out the AC plug of the AC cord from the power point and pull the DC connector from the unit.
●While charging the device, be sure it is placed on its underside with the Charge Indicator Light facing upward.
●When there is noise coming from a radio or TV while charging, place this product away from the radio or TV.

Safety precaution while charging

●Charging should be carried out at a temperature between 0~40℃.
●Do not charge the battery under a high temperature such as on electric carpet, in front of the stove, under direct sunlight, or inside the car under the hot sun . In addition, do not charge the battery when it is covered.

Charging Equipment

1.Remove batteries when batteries are inserted in the equipment.
2.Before connecting equipment to the battery device, please verify the polarization on the display of the input terminal of the equipment.
a)When the polarization of the input terminal of the equipment is minus (display of ⊖-◎-⊕), connect the output terminal (DC-OUT) of the battery device and the DC input terminal of the equipment by using the DC-cord for output.
b)When the polarization of the input terminal of the equipment is plus (display of ⊕-◎-⊖), connect the polarization conversion cord and DC cord for output. Then connect another polarization conversion cord to the output terminal (DC-OUT) of the battery device and connect the other side of the DC cord for output to the DC input terminal.
●Please insert each cord and terminal securely.

(Warning)
When you connect to the wrong polarization, this may cause the equipment not to work properly or to break-down. Make sure that you connect to the correct polarization.

3.Press the power switch to turn it ON. When the charge indicator is lighted, it outputs normally.
●Please refer to "Specification" on page 9 for the estimated time of usage.
●The color of the charge indicator light shows the amount of residual usage. (Please refer to "How to read the Charge Indicator Light" on page 9 for more details.)When the charge indicator light turns red, please charge it as soon as possible.
●When the output current of the 2 terminals exceeds a total of 2A, output to the equipment ends.
●Do not charge the equipment while using it to power other devices.
4.When you finish using the equipment, keep pressing the power switch until the charge indicator light of a main device turns off.
●Power might still be consumed even when you do not play music depending on the device. Please turn OFF the power when you are not using the device.

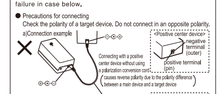
Caution for use

●Use this product at a temperature between 0~40℃. When this range is exceeded, the usage time might be shortened or output might just stop since the temperature protection control will be in operation. Please use it with care especially when you use it outdoors in summer, on the top of an amplifier, or in places where lighting is strong since the surrounding temperature rises.

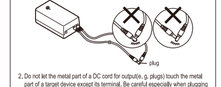
Caution for use

Turn on the power switch of a main device after connecting an DC cord for output.
The main device may not operate normally or may cause failure in case below.

● Precautions for connecting
Check the polarity of a target device. Do not connect in an opposite polarity.



● Precautions for handling cables
1. Do not let the metal parts of DC cords for output(e, g, plugs) touch each other, Be careful especially in use of cords except an attached DC cord for output(e, g, parallel cables).



2. Do not let the metal part of a DC cord for output(e, g, plugs) touch the metal part of a target device except its terminal. Be careful especially when plugging into an input terminal of a target device.



Troubleshooting

Before inquiring about repair service, try to solve any problems using the chart below.

	Issue	Cause	Correct way of handling
While charging	The charge indicator light of the AC adaptor is not functioning while charging.	Charging is not carried out with the AC adaptor.	Charge the battery with the bundled AC adaptor.
		Connection of the cord is bad.	Connect the cord securely.
	The charge indicator light of Main is not lighted (approximately every 55 second).	The AC adaptor is not used or it is abnormal.	When the conditions do not change even after using the AC adaptor, pull the AC plug from the AC cord for input and then reinsert it few seconds later.
	Charging time is longer as compared to the prescribed charging time.	Since charging is carried out at low or high temperature, the charging time becomes longer.	Charge it within a temperature range between 0~40℃.
	The battery is warm.	It becomes warm while using the equipment, charging or right after charging. This is normal.	Use the product again after it cools.
When using the equipment	Output is not carried out with the battery.	The polarization or terminal of the connected terminal is incorrect.	Connect it properly after verifying the terminal.
		The capacity of the battery is zero.	Please charge the battery.
		The device is being used in location that is too hot or too cold.	Use it within a temperature range between 0~40℃.
		The power switch is not on.	Please use it after switching on the power.
	The usage time of the battery is short.	The temperature at the location where you use the product is either too high or too low.	Use it within a temperature range between 0~40℃.
		The capacity of the battery is zero.	Please charge the battery.
		The battery has come to the end of its life.	When the usage time has become extremely short even after the battery is completely charged, it is time it has come to the end of its life.

*The longevity of the battery may differ depending on the conditions of usage.

Care Instructions



These chemicals can damage plastic parts.

●To clean the device, first wipe with a damp cloth, before drying with a clean cloth.

How to read the Charge Indicator Light

While charging the battery device, the charge indicator light blinks.The color of charge indicator light changes according to the residual charge of the battery.

	Display		Condition
— —	Red	(Blinks approximately every 2 seconds.	While charging: the residual power of the battery is less than 30%.
— —	Orange	(Blinks approximately every 2 seconds.	While charging: the residual power of the battery is about 30% to 60%.
— —	Green	(Blinks approximately every 2 seconds.	While charging: the residual power of the battery is more than 60%.
— —	It blinks → It goes off.		Charging has completed.
— —	It blinks in approximately every 0.5 second.		Contact Customer Service Refer to "Troubleshooting" on page 11.

While using the battery device, the charge indicator light blinks.The color of charge indicator light changes according to the residual charge of the battery.

	Display	Condition
— —	Green	About 60% to 100% power remains.
— —	Orange	About 30% to 60% power remains.
— —	Red	Less than 30% power remains.
— —	No light	No power

● The display of the residual power is only an estimation.

Specification

(Device)

Model	KBC-9V3E
Input	DC5V 2A
Output	DC9V 2A
Dimension	120 ×65 ×42mm
Weight	280g
Usage Temperature Range	0~~40℃
Built-in Battery	Lithium-ion battery 3.7V 6600mAh

(AC adaptor)

Model	NC-AD0520W-E
Input	100-240V~ 50-60Hz 15W
Output	5.0V ⎓ 2.0A
Dimension	80 ×49.5 ×29.5mm (Excluding the protruding portion and the cord)
Weight	120g
Usage Temperature Range	0~~40℃

Specification

Recharge time	About 3.5 hours
Equipment to be used / Current of consumption	Output hours
Analog effects (Distortion/Over Drive, etc./10mA current draws)	About 50 hours
Digital effects (Digital Delay/ Digital Reverb, etc./ 50mA current draws)	About 27 hours
Digital multiple effects/ mini amplifier/ graphic digital multiple effects/ mini amplifier/ graphic equalizer (100mA draws)	About 17 hours
Multiple track / recorder or synthesizer (300mA draws)	About 7 hours
Electronic drum / percussion instrument (1000mA draws)	About 2 hours

*When the output current (Current of consumption) exceeds 2A in total between the two output terminals, output to the equipment ends.

- The above-mentioned charging time is only an estimation when the battery is fully charged. It may change according to the residual power of the battery or surrounding temperature.
- The above-mentioned output time is only an estimation when a fully charged battery is used.The usage time may differ depending on the specification of the equipment, performance conditions and surrounding temperature. In addition, output will stop automatically after 10 hours.
- The above-mentioned charging times and output hours are only an estimation when charging or output is carried out at 25℃.
- The product specifications and appearance may change without prior notice for enhancement of performance.

IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS

DANGER -TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.