



THE UNIVERSE OF INSTALLATION

# WNA-2

User's Manual

€2200

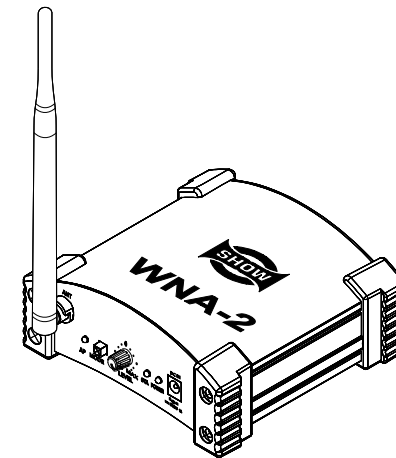


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# Safety Related Symbols



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages within the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions.

Please read.



Protective Ground Terminal



AC mains (Alternating Current)



AC mains (Alternating Current)

**ON:** Denotes the product is turned on.

**OFF:** Denotes the product is turned off.

## WARNING

Describes precautions that should be observed to prevent the possibility of death or injury to the user.



## CAUTION

Describes precautions that should be observed to prevent damage to the product.

Disposing of this product should not be placed in municipal waste but rather in a separate collection.

## WARNING

### Power Supply

Ensure that them a inssource voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user. Unplug the product before electrical storms occur and when unused for long periods of time to reduce the risk of electric shock or fire.

### External Connection

Always use proper ready-made insulated mains cabling (power cord). Failure to do so could result in shock/death or fire. If in doubt, seek advice from a registered electrician.

### Do Not Remove Any Covers

Within the product are areas where high voltages may present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. Covers should be removed by qualified service personnel only.

No user serviceable parts inside.

### Fuse

To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder. Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

## Protective Ground

Before turning the unit ON, make sure that it is connected to Ground. This is to prevent the risk of electric shock.

Never cut internal or external Ground wires. Like wise, never remove Ground wiring from the Protective Ground Terminal.

## Operating Conditions

Always install in accordance with the manufacturer's instructions.

To avoid the risk of electric shock and damage, do not subject this product to any liquid/rain or moisture.

Do not use this product when in close proximity to water.

Do not install this product near any direct heat source. Do not block areas of ventilation. Failure to do so could result in fire.

Keep product away from naked flames.

## IMPORTANT SAFETY INSTRUCTIONS

Read these instructions

Follow all instructions

Keep these instructions. Do not discard.

Heed all warnings.

Only use attachments/ accessories specified by the manufacturer.

## Power Cord and Plug

Do not tamper with the power cord or plug. These are designed for your safety.

Do not remove Ground connections!

If the plug does not fit your AC out let seek advice from a qualified electrician.

Protect the power cord and plug from any physical stress to avoid risk of electric shock.

Do not place heavy objects on the power cord. This could cause electric shock or fire.

## Cleaning

When required, either blow off dust from the product or use a dry cloth.

Do not use any solvents such as Benzol or Alcohol.

For safety, keep product clean and free from dust.

## Servicing

Refer all servicing to qualified service personnel only.

Do not perform any servicing other than those instructions contained within the User's Manual.

## PORTABLE CART WARNING



Carts and stands - The component should be used only with a cart or stand that is recommended by the manufacturer. A component and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the component and cart combination to overturn.

## SPECIFICATION

Model	WNA-2
Power Supply	DC 5V/1A
Consumption Current	<300mA
Operating Temperature	0 ~ 55°C
Storage Temperature	-20 ~ +80°C
Frequency	2412MHz-2472MHz
Receive Sensitivity	-84dBm(Min)
Output Level	+0dBu
Frequency Response	20 ~ 19.5kHz,+3dB/-3dB
S/N	>85dB
Dynamic Range@1kHz	>85dB
Crosstalk@1kHz	>90dB
THD+N	<0.1%
Sampling frequency(DA)	192Khz (Max)
Sample widths(DA)	16- or 32-bit PCM sample widths
Transmission Distance	AP mode: 15m
	STA mode: 50m(Depend on the wireless router)

This device complies with part 15 of the FCC Rules Operation is subject to the following two conditions:  
 (1)This device may not cause harmful interference,and  
 (2)This device must accept any interference received,including interference that may cause undesired operation.

Note:This equipment has been tested and found to comply with the limits for a Class B digital device,pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.This equipment generates,uses and can radiate radio frequency energy and,if not installed and used in accordance with the instructions,may cause harmful interference to radio communications.

However,there is no guarantee that interference will not occur in a particular installation.If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on,the user is encouraged to try to correct the interference by one or more of the following measures:  
 Reorient or relocate the receiving antenna.  
 Increase the separation between the equipment and receiver.  
 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
 Consult the dealer or an experienced radio/TV technician for help.

Warning:Changes or modification to this unit not expressly approved by the part responsible for compliance could void the user 's authority to operate the equipment.

### FCC Radiation Exposure Statement

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment.This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.



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## STA MODE

**Wireless Music**

Device Information  
Update firmware

Language  
English

**Device Settings**

**Device Information**

Select Network : Apple Network

Network Password : Seikaku8

Display password

Security Mode : WPA/WPA2

AutoUpdate :  Yes  No

Restore Factory :  Yes  No

submit

**Update firmware**

Current Firmware Information :  
C380\_ASM19NANO\_L128\_D\_V2.7\_A\_V1.3\_R\_0.7\_EN\_Release

File Upload:  浏览...

Upload file

Close

Set up successfully,Restarting...

### How to use:

Connect mobile phone/tablet PC to the router that the connected WNA-2 is in. Other steps can be referred to the use under AP mode.

Don't forget to visit our website at [sekaku@sekaku.com](mailto:sekaku@sekaku.com) for more information about this and other SHOW products.



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## STA MODE

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### How to connect:

- 1) Open the website on the PC or the cellphone in the AP mode, input the <http://192.168.0.1> ,then you can set the Device Information.

The screenshot shows the 'Wireless Music' web interface. On the left, there are navigation links for 'Device Information' and 'Update firmware', and a 'Language' dropdown menu set to 'English'. The main content area is titled 'Device Settings' and contains two sections: 'Device Information' and 'Update firmware'. The 'Device Information' section has fields for 'Select Network' (a dropdown menu), 'Network Password' (a text input), a checkbox for 'Display password', 'Security Mode' (a dropdown menu set to 'WPA/WPA2'), 'AutoUpdate' (radio buttons for 'Yes' and 'No', with 'Yes' selected), and 'Restore Factory' (radio buttons for 'Yes' and 'No', with 'No' selected). A 'submit' button is at the bottom of this section. The 'Update firmware' section shows 'Current Firmware Information : C380\_ASM19NANO\_L128\_D\_V2.7\_A\_V1.3\_R\_0.7\_EN\_Release' and a 'File Upload' section with a file input field and an 'Upload file' button.

- 2) Select the router to be connected by module in wireless network name and type in the network password . After configuring, click the button **submit** and restart the WNA-2. If it is successfully,you can see 'Set up successfully, Restarting...' It will take around half minute, the flicker of STA indicator light denotes entering STA mode.

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## INTRODUCTION

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Thank you for purchasing the WNA-2 wireless player which has the high performance wireless networking stereo audio player.It can be linked to mobile phones,tablets or PC with wireless function to play stereo audio signal or music.

Please carefully read this manual before installation and operation.  
Thank you again for choosing WNA-2 products.

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## FEATURES

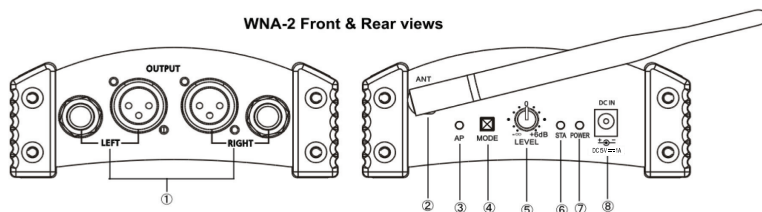
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- Operating Band: ISM 2.4GHZ free band.
- Realize the resource sharing on the same LAN
- Transmit the wireless audio signal by the table PC or cell-phone.
- Support both AP (Access Point) and STA(Station) mode. Realize the wireless playing by connecting with the cell-phone or tablet PC under the wireless router environment.
- Very high quality music player supporting up to 24bit 192KHz sample rate stream audio.
- More than 50 meters working distance in open space at STA mode(depend on the wireless router). It is over 15 meters at AP mode.

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## Control Elements

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① Audio Output Connector

Connector for output signal

② Antenna for Receiver

Receive signals from the transmitter. To receive the signal better, please make sure the antenna is not sheltered.

③ AP LED

The AP LED will light up when WNA-2 is on AP mode

④ MODE

Press and hold MODE button about 3 seconds to switch AP mode or STA mode

⑤ LEVEL

Adjust WNA-2 output volume by LEVEL knob.

⑥ STA LED

The STA LED will light up when WNA-2 is on STA mode

⑦ POWER LED

The POWER LED will light up when WNA-2 is powered on.

⑧ DC Input

Power Adapter Input 5VDC/1A

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## CONNECTION MODE

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There are two kinds of connection mode: **AP Mode** and **STA Mode**.

**Note:**

If you want to change the connection mode, please press and hold the key “mode” for about 3s. Then the flicker of AP or STA indicator light denotes entering AP or STA mode.

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## AP MODE

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**How to connect?**

1 · After the power is on · the LED of AP lights · the system enters the AP mode(the point to point mode) · Mobilephone or tablet PC search and connect to the “ WNA-2 Player\_\*\*\*\*\* ” .The password is 87654321.