

OPERATIONS MANUAL FOR EDISON PROFESSIONAL



# EN-1900 FIRE&ICE



# OPERATIONS MANUAL FOR EDISON PROFESSIONAL

## Introduction:

Congratulations on your purchase of an EN-1900 FIRE&ICE powered loudspeaker, engineered and manufactured by Britelite Enterprises. The EN-1900 FIRE&ICE includes a high-output compression driver, and 15" woofer to produce an even, smooth studio quality sound in a sound reinforcement speaker. Our design goal was to build a speaker with accurate playback, smooth dispersion of mid and high frequencies and an ergonomic design for easy transport and setup. The result is a sound reinforcement system dynamic enough to use at home, in the studio, parties or in home theater.

## Features:

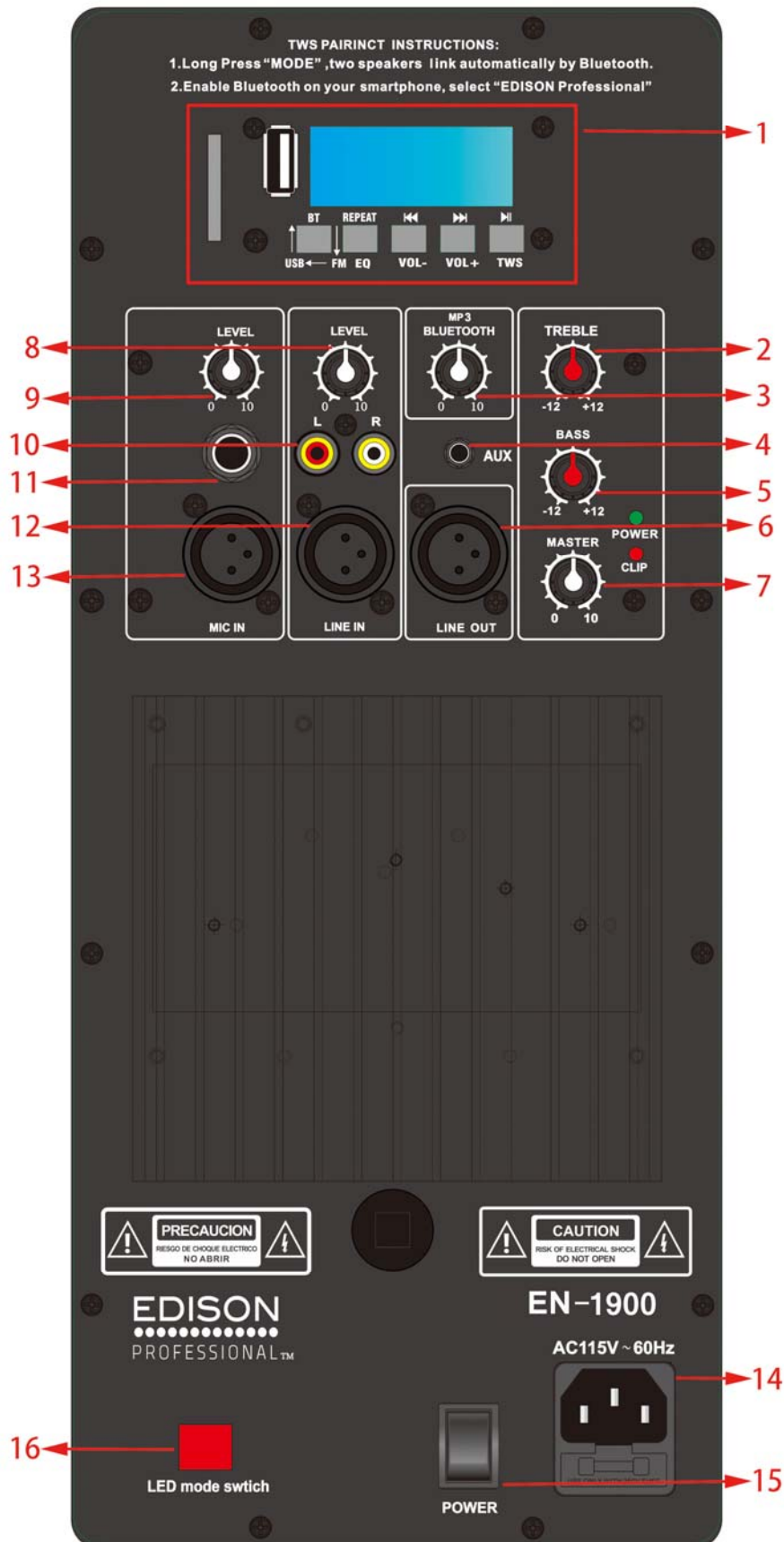
Woofer 15" steel frame woofer 4 Ohm  
Driver 1.34" titanium diaphragm driver 8 Ohm  
P.M.P.O 2000W  
USB/FM/Remote control/Bluetooth  
Microphone/Aux input  
Bluetooth wireless pairing(TWS)  
Full motion LED lighting panel  
Wired microphone

## Cautions:

1. All Operating Instructions should be read before using this equipment.
2. To reduce the risk of electrical shock, do not open this unit. There are NO REPLACEABLE PARTS INSIDE. Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should only be cleaned with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES
8. Make sure All of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting a sound source.
9. Only LINE LEVEL SIGNALS SHOULD BE SENT TO YOUR SPEAKER.

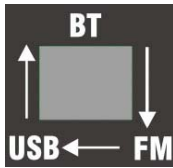
**Disregarding any of the above will void your warranty!!!!**

# OPERATIONS MANUAL FOR EDISON PROFESSIONAL

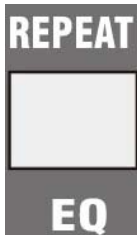


## OPERATIONS MANUAL FOR EDISON PROFESSIONAL

### 1. MP3 module:

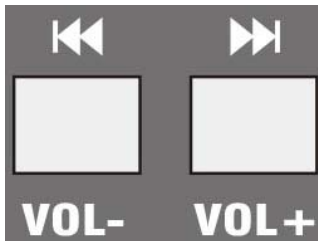


Short press: Bluetooth, USB, FM radio switch



Short press: REPEAT;

Long press: EQ setting



Short press: Last and next;

Long press: Volume – or +



2. Treble volume : Control the Volume of treble

3. MP3 input volume: Control the Volume MP3 input

4. AUX input

5. Bass volume : Control the Volume of bass

6. Line output XLR

7. Master volume : Control the Volume of speaker .

8. Line input volume

9. Microphone input volume

10. RCA line input

11. Microphone input: 6.35JACK microphone input

12. XLR line input

13. Microphone input: XLR microphone input

14. Power Cord Connector - Connect here an IEC main power cable in order to supply the unit

15. Power on/off

**16.** LED lighting mode switch

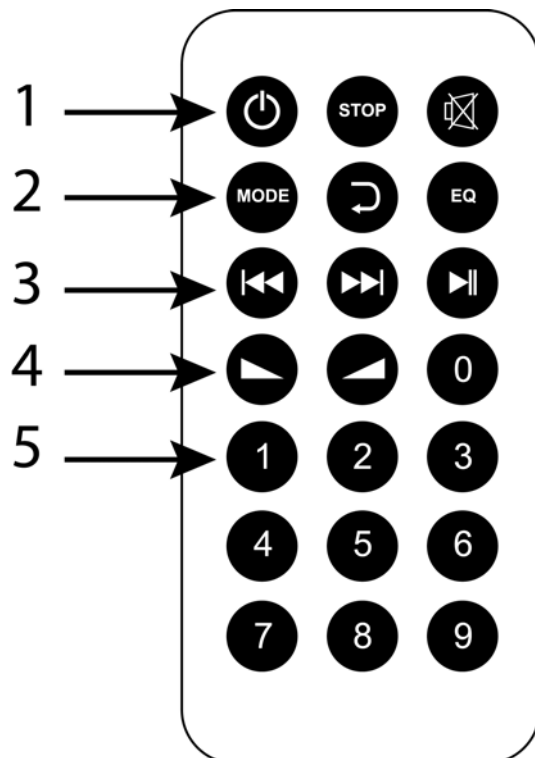
## OPERATIONS MANUAL FOR EDISON PROFESSIONAL

How to make two EN-1800 wireless stereo-link?



1. Long press "TWS" on the rear panel,two EN-1900 FIRE&ICE will link automatically by Bluetooth
  2. Enable Bluetooth on your smartphone,select "EDISON PROFESSIONAL"
- You can enjoy your music now with two EN-1900 FIRE&ICE now.  
Please note that second speaker sold separately.

How to use EN-1900 FIRE&ICE remote control?



## OPERATIONS MANUAL FOR EDISON PROFESSIONAL

1 →

Power:Media player ON/OFF.

Stop:Media player STOP. (Memory Card/ Flash Drive modes ONLY)

Mute:Media player MUTE.

2→

Mode:Media player MODE selection.

Repeat:Media player REPLAY mode selection.(memory card/flash drive modes only)

EQ :Media player EQ mode selection. (memory card/flash drive modes only)

3→

Reverse: Media player REVERSE control.

Forward:Media player FORWARD control.

Play/Pause:Media player PLAY/PAUSE control.

4→

Master volume down: Adjusts speaker master volume DOWN.

Master volume up: Adjusts speaker master volume UP.

0 : Media player track number and preset selection.

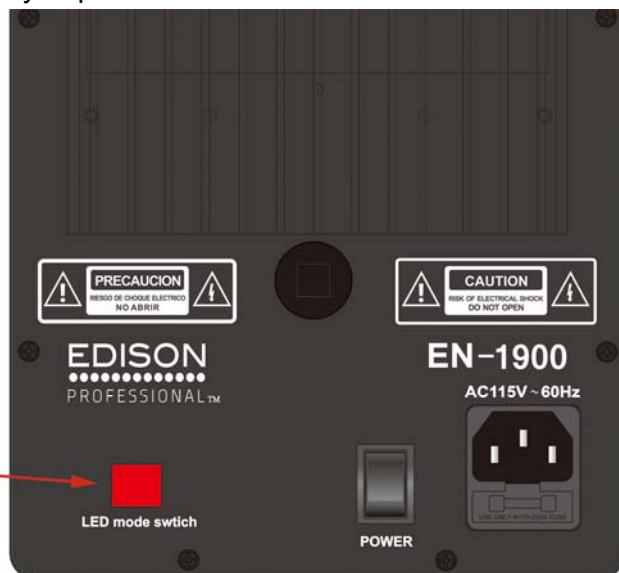
5→

1-9 : Media player track number and preset selection.

### How to switch the LED lighting of speaker box ?

There are 5 mode of the speaker box lighting,you can find the RED switch on the rear Panel,you can switch the mode which you prefer.

**LED lighting  
mode switch**



1. Mode one: Multi-color automatically on when power on
2. Mode two: Monocolour conversion
3. Mode three: Monocolour run
4. Mode three: Monocolour flash
5. Mode three: LED lighting off

# OPERATIONS MANUAL FOR EDISON PROFESSIONAL

## Placement Tips

- Avoid placing loudspeakers in the corners of a room. This increases the low-frequency output and can cause the sound to be muddy and indistinct.
- Avoid placing loudspeakers against a wall. This, too, increases the low frequency output, though not as much as corner placement. However, if you do need to reinforce the low frequencies, this is a good way to do it.
- Avoid placing the active speakers directly on a hollow stage floor. A hollow stage can resonate at certain frequencies, causing peaks and dips in the frequency response of the room. It's better to place the speakers on a sturdy table or tripod stands.
- Position the speakers so the high-frequency drivers are two to four feet above ear level to the audience to maintain high frequency quality.

## Troubleshooting

### No Power

- First check to make sure the speaker is plugged in to a live AC outlet.  
**Make sure the POWER switch is on.**

### No Sound

- Make sure input LEVEL control turned up.
- Make sure signal source is working and the connecting cables are in good shape and securely connected at both ends. Make sure the output volume control on the mixing console is turned up.
- Make sure the preamp or mixer does not have a Mute button engaged.

### Bad Sound – Noise - Humming

If the sound is loud and distorted, verify that the levels are set properly on the speaker and mixing console.

Make sure all connectors are secure and they are plugged in to the proper connector (i.e., Mic cable plugged in to MIC input, Line level source plugged in to Line Level Input. It is a good idea to periodically clean all electrical connections with a non-lubricating electrical contact cleaner.

Make sure none of the signal cables are routed near AC cables, power transformers or other electrical power cords.

If humming occurs, turn the LEVEL control of the speaker all the way down. If the noise disappears, it's coming from the signal source. If not, try disconnecting the

## OPERATIONS MANUAL FOR EDISON PROFESSIONAL

cable connected to the INPUT jack. If the noise disappears, it could be a “ground loop.” Try the following ideas:

- Use balanced connections throughout your system for best noise rejection. (XLR cables, balanced ¼” jacks; RCA cables are not balanced)
- Whenever possible, plug all the audio equipment’s power cords into the same outlet.
- The hum may appear when using an unbalanced source (CD player, iPod, etc.). Use can use an RCA to XLR adapter to turn an unbalanced cable to a balanced cable.
- If the hum persists, try removing components one at a time from the back of the mixer and check each for hum. Reducing the Bass or Treble levels (10 and 11) may reduce humming.

### Care and Maintenance

Your active speakers will provide many years of reliable service if you follow these guidelines:

Avoid exposing the loudspeaker to moisture. If they are set up outdoors, be sure they are under cover if you expect rain

Avoid exposure to extreme cold. If you must operate loudspeakers in a cold environment, warm up the voice coils slowly by sending a low-level signal through them for about 15 minutes prior to high-power operation.

Use a dry cloth to clean the cabinets. Only do this when the power is turned off. Avoid getting moisture into any of the openings of the cabinet, particularly where the drivers are located.

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.

### FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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

### **IC warning**

- English:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

- French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

### **Limited Warranty**

This Limited Product Warranty is provided by Britelite Enterprises. Britelite warrants to Customer that the product is free from defects in materials and workmanship under normal use during the Warranty Period of 90 days for parts and 1-year labor. If the product fails to conform to the warranty then Britelite or its authorized service will either repair or replace any nonconforming product, provided that Customer gives notice of noncompliance within the Warranty Period to Britelite by emailing [service@britelite.net](mailto:service@britelite.net) or calling 310-363-7110 (Mexico customers can call 0155 4624 0251). Please retain the original dated receipt as evidence of proof of purchase.

**Please do not return the product to the dealer or place of purchase.**

**Contact Britelite directly for warranty support.**