

# EDISON™ PROFESSIONAL

## ST8000 User Manual

EDISON™  
PROFESSIONAL



FOR QUESTIONS OR TECHNICAL SUPPORT  
Please call:  
**(888)604-8881**

Please do not return this product to the store.

SPECIFICATIONS:	
Input source	Bluetooth/FM/USB/Line
Bluetooth range	Bluetooth 15m
MIC IN	1/4"TRS or XLR
Control Buttons	Power,MP3/AUX Vol. knob, MIC/Line Vol. knob, BASS, TREBLE, Mic/Line button, Mix/Line button
LED indicator	Signal indicator / Limiter indicator
Battery	No
Power Input	AC100-120V/60Hz
Auto Standby	No
Auto Power off	No
Speaker Output wattage	800W
Speaker Driver size	15" (woofer) + 5.3" (Tweeter)
Speaker Grill finishing	Metal
Full Range	Yes
MAX SPL	128dB/138dB(peak)
THD+N Noise	<1%
S/N	>90dB
Cabinet Material	Plastic
Dimension	17.1" x 15.3" x 27.9"
Weight(KG)	54lbs
Operating Temperature	
Operating Temperature Range	32F to 104F
Operating Humidity Range	40-90%
Storage Temperature Range	-13F to 158F
Key	
power On/Off key	Power on: Switch "Power" Key to "1" Power off: Switch "Power" Key to "0"
Bluetooth	
Bluetooth Version	4.0
Bluetooth Profile	A2DP,AVRCP
Bluetooth Frequency Range	2.402GHz-2.480GHz
Bluetooth Range	15m
Connections	
XLR or 1/4" Jack Mic In	Yes
USB Port	5V 1000mA
AC In	Yes
AC Out	No
Microphone	
Element	Moving coil dynamic
Polar Pattern	Uni-directional
Frequency	80Hz-12000Hz
Sensitivity(0dB=1V/pa)	-57+/- 3dB
Impedance	600 +/- 30% ohm

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### CONNECTING A MICROPHONE OR OTHER DEVICE

1. Connect the output from your signal source (mixing console, microphone, preamp, or other mic- or line-level source) directly to the INPUT connector on the back of the speaker. It accepts balanced line-level signals from mixers, preamplifiers, CD players, tape decks, etc., and accepts direct connections from dynamic microphones through the MIC input.

2. There is a XLR output connector labeled LINE OUT. This allows you to connect more than one ST 8000 to the output of your sound source. Simply plug a XLR cable from the line out connector of one speaker to the input connector of another speaker, and so on, daisy-chaining multiple speakers.

3. Turn on your signal source. (Make sure volume is turned down) Turn on ST8000. Start signal source and adjust volume controls on the signal source and ST8000 speaker.



- These balanced inputs accept a standard XLR and a 1/4" Jack phone plug.
- A board range of signals from microphones, audio mixing consoles and electronic musical instruments may be connected here.
- The sensitivity of these inputs are controlled by the MIC/LINE switch. Drivers are located.



EQ

TREBLE: Raise or attenuate highs at 12dB @ 12 KHz frequency.  
BASS: Raise or attenuate lows at 12dB @ 80Hz frequency.

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not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.

17. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

18. Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.

19. Minimum distances 10mm around the apparatus for sufficient ventilation.

20. The ventilation should not be impeded by covering the ventilation openings with items, newspapers, table-cloths, curtains, etc.

21. No naked flame sources, such as lighted candles, should be placed in the apparatus

22. The use of apparatus in moderate climates.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture

#### FCC Caution

#### § 15.19 Labelling requirements.

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.

#### RF warning for Mobile device:

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.

#### § 15.21 Information to user.

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

#### § 15.105 Information to the user.

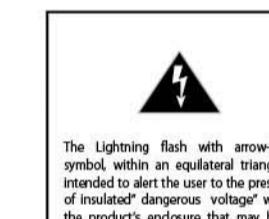
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate 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.

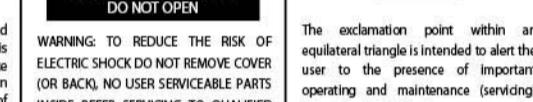
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### IMPORTANT SAFETY INSTRUCTIONS:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADE SCAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



CAUTION  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

### Important Safety Instructions:

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not expose this appliance to rain or moisture.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacle, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the tripod sold with the apparatus.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 16) Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site. The ventilation should

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### 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 cable connected to the INPUT jack. If the noise disappears, it could be a ground loop.
- o Use balanced connections throughout your system for best noise rejection. (XLR cables, balanced jacks; RCA cables are not balanced)
- o Whenever possible, plug all the audio equipments power cords into the same outlet.
- o The hum may appear when using an unbalanced source (CD player, iPod, etc.). You can use an RCA to XLR adapter to turn an unbalanced cable to a balanced cable.
- o 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 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.

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### Unpacking

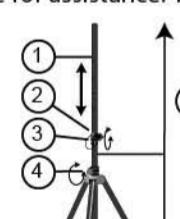
Check that you have all of the following items. If any item is missing, please contact the customer service hotline for assistance. The hotline number is printed on the cover page of this user manual.

-ST8000  
-AC Power Cable  
-Quick Start Guide  
-Speaker Stand

### Stand Instruction

1.Tube Height  
2.Locking Pin  
3.Securing bolt height tube  
5.Stand Height 48" (1.2192M)

4.Retaining bolt tripod foot  
6.Three detachable legs



### Stand Mounting:

the speakers are compatible with standard 1-1/2" (38mm) stands.

- Speaker stands must only be used on smooth level surfaces.
- Be certain you select a stand rated for at least 40lb. Contact your dealer for recommendations.
- Never mount more than one speaker on a stand.
- Add weight (i.e. sandbags) to the base of the stand for added stability. In a windy outdoor location this is vitally important!
- Do not attempt to mount the speaker on a stand without an assistant.

1. Mount the speaker on its stand prior to making any electrical connections.
2. Check that the set screw in the speaker base is backed out enough to clear the stand post.
3. After placement, verify that the stand post is fully seated in the speaker base.
4. Tighten the set screw (by hand) to lock the speaker in place. Failure to do so may result in injury or equipment damage.

**WARNING! BE CAREFUL OF THE UNFOLDED STAND TO PREVENT THE SERIOUS INJURY IN CASE OF TIP OVER.**

### Part Description:

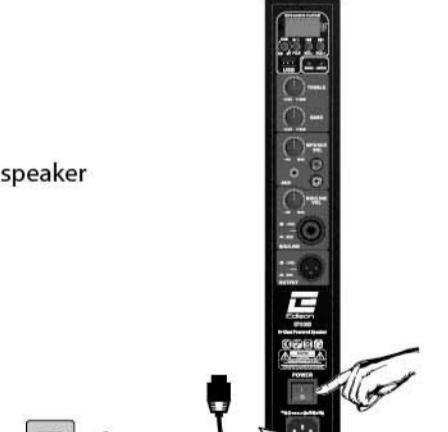


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### GETTING STARTED

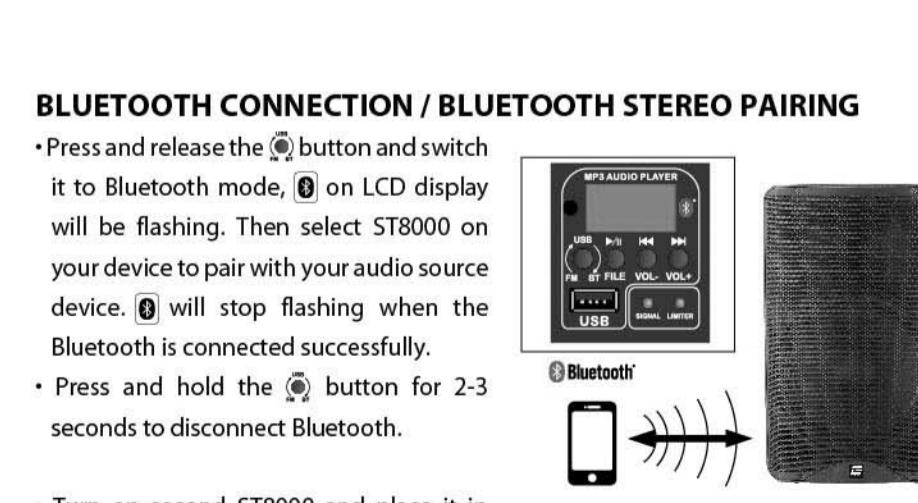
#### Power connection

- Connect the supplied A/C cable to the speaker
- Plug the A/C cord into the wall outlet



#### Power On/Off Switch

- Power on the mechanical
- Turn Power switch on
- The power LED will turn on



#### BLUETOOTH CONNECTION / BLUETOOTH STEREO PAIRING

- Press and release the **①** button and switch it to Bluetooth mode, **②** on LCD display will be flashing. Then select ST8000 on your device to pair with your audio source device. **③** will stop flashing when the Bluetooth is connected successfully.
- Press and hold the **④** button for 2-3 seconds to disconnect Bluetooth.
- Turn on second ST8000 and place it in Bluetooth mode. Press and hold the **⑤** button just on one speaker for 2-3 seconds to start TWS, then the two ST8000 will be paired automatically.
- Note: The both ST8000 must be placed in Bluetooth mode.
- Press and hold the **⑥** button 2-3 seconds again to disconnect the TWS.

#### LISTENING TO FM RADIO

- It can be switched to FM mode when press the **⑦** button.
- Press the **⑧** or **⑨** button, it will search the radio station automatically.
- Press the **⑩** or **⑪** button to select the radio station after searching.
- The MP3 will be turned off if press the mode button for two or three seconds.

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