

# MA325

## USER MANUAL

### Safety instructions

- (1) Read these instructions.
- (2) Keep these instructions.
- (3) Heed all warnings.
- (4) Follow all instructions.
- (5) Do not use this apparatus near water.
- (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 product heat.
- (9) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- (10) Only use attachments/accessories specified by the manufacturer.
- (11) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- (12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- (13) 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.



### Warnings

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

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.

### Symbols



**CAUTION AVIS**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



Caution: To prevent the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.



This appliance may not be treated as regular household waste. Management of WEEE (waste electrical and electronic equipment) is applicable in the Member States of the European Union and other European countries with individual national policies on the management of WEEE. If you need more information on the collection, refuse and recycling systems, please contact your local or regional waste administration.



TÜV mark

-Conforms to UL62368 certified to Canada IEC62368

The product complies with the following European Directive:



- Ecodesign requirements for Energy-related products Directive (EC) 278/2009
- Radio Equipment Directive 2014/53/EU
- The Low Voltage Directive 2014/35/EU



FCC Statement

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 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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. The distance from the front of the human body is 1m.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

~ AC voltage: This symbol indicates that the rated voltage marked with the symbol is AC voltage.

IC Certification (CANADA)  
IC regulatory conformance  
This device complies with CAN ICES-003 (B)/NMB-003(B).  
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:  
(1) This device may not cause interference.  
(2) This device must accept any interference, including interference that may cause undesired operation of the device.  
Cet appareil est conforme à la norme CAN ICES-003 (B)/NMB-003 (B).  
Cet appareil contient des émetteurs / récepteurs exempt (s) de licence qui sont conformes aux RSS exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes:  
(1) Cet appareil ne doit pas provoquer d'interférences.  
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

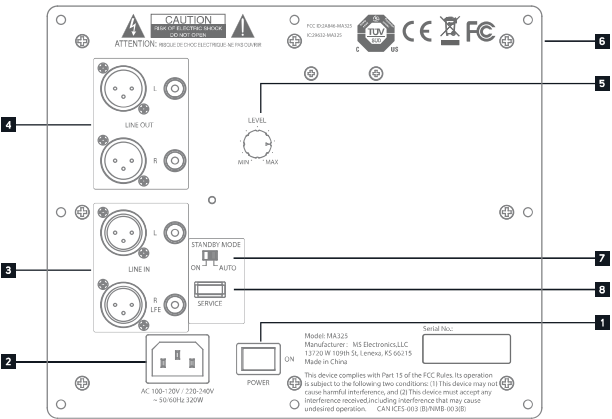
RF Exposure  
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la IC établies pour un environnement non contrôlé. Cet équipement doit être installé et fonctionner à au moins 20 cm de distance d'un radiateur ou de votre corps. Cet émetteur ne doit pas être co-implanté ou exploité conjointement avec toute autre antenne ou émetteur.

Product instruction

MSE Sub is a platform for subwoofer, the input signal can choose left and right balanced input or left and right unbalanced RCA input, after DSP processing can line balanced output and unbalanced RCA output, at the same time, the power amplifier can output 320W rated power to 4 ohms loudspeaker, the power amplifier scheme is based on UCD400LP.  
You can use BLE to control the Subwoofer of the mobile phone APP and calibrate the room EQ.  
The product is Class I category, which ensures the reliable grounding of the power supply.  
The safety warning should be in accordance with class I requirements.

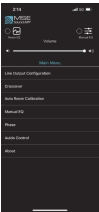
The main design and operation points of MSE Sub are as follows:



- |                       |                            |
|-----------------------|----------------------------|
| <b>1</b> POWER SWITCH | <b>5</b> VOLUME            |
| <b>2</b> AC INLET     | <b>6</b> SPEAKER CONNECTOR |
| <b>3</b> LINE INPUT   | <b>7</b> STANGBY SWITCH    |
| <b>4</b> LINE OUTPUT  | <b>8</b> USB SERVICE PORT  |

Operation steps:

- 1 connect a Power cord to AC inlet,connect the audio source to the Line input with RCA cable or XLR cable,and speaker connector to speaker with a speaker cable.
- 2.Turn on the power switch, and you can enjoy the music with the Amplifier.
- 3.Rotate the volume knob,you can adjust the volume level.
- 4.Connect the Line out to other amplifier.you can setup a 2.1 music system.
- 5.With the Bluetooth,you can use APP to setup and control the Amplifier.



- 6.The Standby mode selector switch chooses whether to power on all the time or enter the standby machine 10 minutes after no signal.
- 7.USB is the software upgrade port.

Product display



Manufacturer information

MS Electronics, LLC  
13720W 109th St,Lenexa,KS 66215