

# ***Superlux***<sup>®</sup>

## **MA500** **PERSONAL VOICE ENHANCER**

### **Contact**

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#### **Manufacturing & logistics**

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# MA500

## PERSONAL VOICE ENHANCER

### GENERAL DESCRIPTION

MA500 is a light weight personal voice enhancer and can work with a variety of microphones for convenient speaking reinforcement. Very light-weight portable PA can be strapped to waist as a belt pack. It can be powered by 6 AA alkaline batteries or rechargeable batteries. Featuring high efficient 2.5" driver driven by 5-watt amplifier, it is specially designed for kindergarten teacher and mobile retail stands.

### FEATURES

- Light weight and can be strapped to waist
  - Mic and line inputs
  - Volume and power switch control
  - 1/8" (3.5 mm) stereo mini connector can accept MP3 player or other audio sources
- Powered by six AA alkaline batteries (not included) that provide up to 8 hours of operation
  - Included charging circuitry
  - Optional DC power adapter is available

### APPLICATIONS

School Teacher / Mobile Retail Stands / Tour Guide

## SPECIFICATIONS

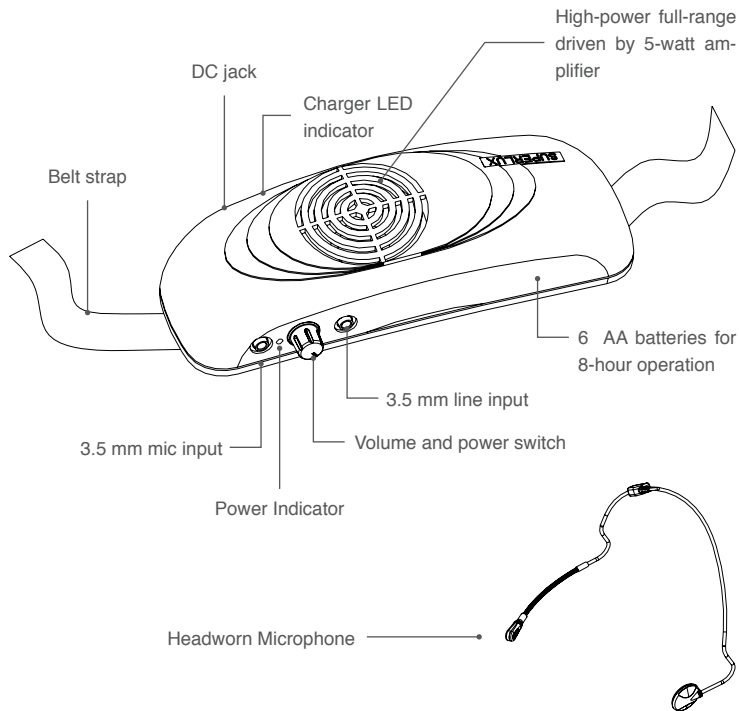
\*Note:Specifications are subject to change.

Max. Output Power	5W / 4Ω
Audio Inputs	2 3.5 mm ( 1/8" ) stereo mini jack, one for microphone and the other for line source
Power Requirements	6 1.5V AA alkaline batteries
Recharging Circuitry	MA500 can be used as a charger, the rechargeable battery should be Ni-MH or Ni-CD and its capacity should be lower than 1300 mA. Recharging time is around 10 to 15 hours.
Battery Life	6 AA alkaline batteries, 8 hours continuous operation
Drivers	2.5"
Net Weight	320g ( 11.3 oz )
Optional Accessories	Power supply 12V DC / 300 mA



**WARNING! INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH IF MISHANDLED COULD RESULT IN DEATH OR SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE.**

- ※Do not expose the unit to rain or an environment where it may be splashed by water or other liquids as doing so may result in fire or electric shock.
- ※Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
- ※Do not subject to extreme force and do not pull on the cable, it might cause the product failures.
- ※Keep this product and the equipment which used together dry and avoid to exposure to extreme high temperature and humidity.



## Battery

Insert 6 LR6 (AA) rechargeable of alkaline batteries according to the polarity indication printed in the bottom of the compartment. Re- install the cover in place.

## Charging

This MA500 integrated with a battery charger. Capacity of the battery shall be less than 1300mAh, NiCd or NiMH batteries. Plug in the DC adapter into the charger socket, the charger LED indicator shall be lighted, and the charging begins. The charging time is 10 to 15 hours.

Check the batteries if the charging is not successful.

### \*Note:

1. Do not charge none rechargeable battery.
2. Do not charge over the specified charging time. As soon as the charge completed, remove the DC adapter.

## Operation

1. Fully charge batteries before use.
2. Plug in headworn microphone into

microphone input.

3. Put on the headworn microphone, wear the MA500 on your waist. Turn-on the unit by rotate the volume control clockwise. The power indicator shall light at this time.
4. Adjust the volume accordingly, and do not reach feedback.
5. If the power indicator distinguished during operation, the batteries are going to be drained. Please switch off the unit, replace all batteries or re-charge the unit with rechargeable batteries.
6. Line source such as iPod, MP3 players can be connected to the line level input. The volume is controlled with the same level controller.

### \*Note:

1. This unit operates with 6 AA alkaline batteries or 6 recharge- able batteries. Optional DC adapter for charging purpose.
2. Insert the batteries according to the polarity indication in the battery compartment. Otherwise unit can not operate and can not charge the batteries.
3. DC adapter shall be DC12V, 300mA specification.

## Models



### **MA500/105**

#### Headworn Cardioid

The MA500 is packaged with an E105 headworn cardioid microphone for hands-free operation. It's suited to smaller, quiet spaces with warmer sound.



### **MA500/108**

#### Headworn Figure 8

The MA500 is packed with an E108 headworn figure 8 microphone for hands-free and background noise rejection.



### **MA500/210**

#### Lavaliere Pack

The MA500 is packaged with an EM210 lavalier microphone



### **MA500/10A**

#### Handheld Pack

MA500 is packaged with a D10A omnidirectional microphone with no proximity effect and tuned frequency response for good intelligibility.



## LIMITED WARRANTY

For compliance with the instructions which record in the user manual, Superlux Enterprise provide one year period warranty for all material and producing quality from purchase date. This warranty term will adjust according to different country or area. Please contact local distributor to receive more information. In the validity period, if there's any material, producing quality, or any function unavailable, Superlux will repair or replace the parts. This warranty is only for the product which selling by distributor or agent which authorized by Superlux. However, the situation below is excluded in the warranty :

The damage which caused by accident, abuse, improper instructions, self-modification and repair, or damage from transportation, not complying with the instructions which record in the manual, repair by the company which didn't authorized by Superlux Enterprise, request by distributor without authorized, or the serial number sticker on Superlux product is unidentified, modified, or removed. All repair of Superlux products can only accept from repair centre, distributor or agent which authorized by Superlux. Unauthorized repair, maintenance and modification will not receive relevant warranty and will be excluded in the warranty. Any repair guarantee under warranty need to provide selling receipt from authorized distributor or agent to make sure your Superlux product still in the warranty period. To obtain the original authorized repair warranty, please contact authorized distributor, agent or send an e-mail to [support@superlux.com.tw](mailto:support@superlux.com.tw) to contact us.