

# M3BR8/M3R8/MM3P

## Three Channel Mixer/Bi-Amp

### Monitor Speaker w/ Built-In

### Rechargeable Battery

### *Quick Start Guide*



#### **WHAT IS IN THE BOX**

Your M3BR8/M3R8/MM3P\* package contains the following:

- |                                       |                               |
|---------------------------------------|-------------------------------|
| (1) Speaker                           | (1) Right Angle Speaker Cable |
| (1) 12V AC Power Supply Adapter       | (1) Quick Start Guide         |
| (1) 12V DC Car Battery Supply Adapter | (1) Registration Card         |

\* Bluetooth® available in M3BR8 models only

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NOTE: Due to continuous development and improvements of our products, features and specifications are subject to change without notice. All weights and measures are approximate.

## QUICK START

1. Make sure the SPEAKER VOLUME [8] control is down before your turn the POWER [14] on.
2. Connect the output of your microphone to the MIC IN [1]. Or you can connect a ¼" line input from an instrument [2]. Connect an additional mono or stereo [4]. A direct USB connection can be made via the USB port [16].
3. Connect the DC power cord to the back panel [14].
4. Turn on the POWER [14] switch
5. Turn on your source signal(s) and adjust the volume on the source signal for normal operation. Note if you are using an iPhone or iPad via Bluetooth®, set the volume on your device about halfway. Maximum volume will distort.
6. Adjust the SPEAKER VOLUME [8] to a comfortable level.
7. Turn up GAIN [3] and TRIM [5] until there is a solid green light showing "signal" at desired level, without a red "peak" light, indicating too much signal.
8. For USB charging of your source device, use USB Port [15]

**Power LED:** BLUE [9] Indicate unit is ON

### **Channel 1 [12]**

Pan: split signal into Left/Right channel

Level: Volume Control

Peak LED: RED indicate Signal Clip

Signal LED: GREEN indicate Signal Present

### **Speaker**

Speaker Volume [8]: Control speakers' volume level

Equalizer [10]: Adjust Speaker High, Mid, and Low Frequency response

Peak LED [9]: RED indicate Signal Clip

Signal LED [9]: GREEN indicate Signal Present

**Aux Input/Level [11]:** Connect audio source with 1/8" jack from MP3/CD player

### **Channel 1 input:**

Gain [3] knob: Input Level control

Line In [2]: 1/4" TRS inputs

Mic In [1]: XLR for Microphone Input

### **Channel 2/3 input:**

Trim Knob [5]: Input Level control

Left/Right channel input [4]: 1/4" TRS inputs

**Main Right to SPK switch [6]:** Right channel signal. When the button is up, only the Right channel mono signal is sent for connection to the L (mono) of additional speaker.

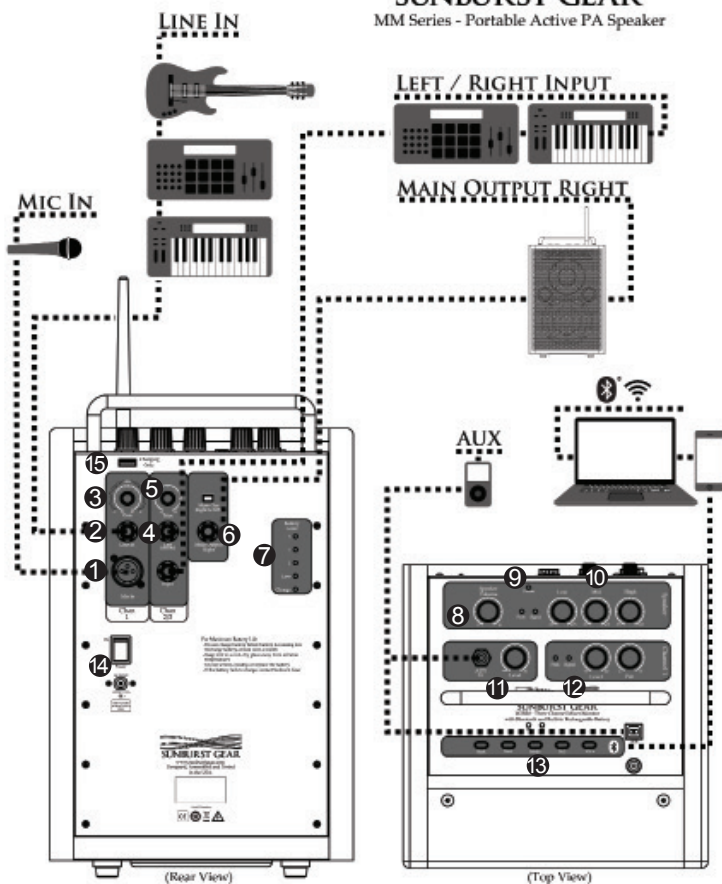
**Main Right Output [6]:** Connect with extra speakers/monitors

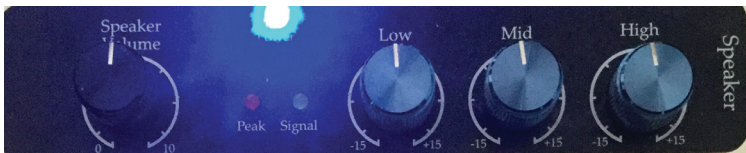


## BLUETOOTH® FUNCTION(NOT AVAILABLE ON M3R8, MM3P)

- To turn ON/OFF Bluetooth® function  
PRESS/HOLD down MODE button for approximately 5 seconds  
*Both LEDs will flash at the same time*
- To pair device to the speaker system  
Bluetooth® needs to be turned ON  
QUICK TAP the MODE button once  
***Both Flashing LED: indicate Bluetooth ® is ready to be paired***  
***Flashing Blue LED only: indicate Bluetooth® is connected***

**SUNBURST GEAR**  
MM Series - Portable Active PA Speaker





### Speaker Volume and EQ

Speaker Volume - this should be set about 9 O'clock on power up before increasing.

Signal - Green when input is present.

Peak - When Red light is flashing, means level is too high and distortion can occur, reduce input level or Volume.



### Aux Input and Level Control.

Use this for your MP3 Player with 1/8" cable.



Level - set to 12 O'clock on power up, increase when necessary,

Pan - Set to the 12 O'clock, when using 2 speaker, Chan 1 signal can be pan to Left or Right.

Signal - Green when input is present for Chan 1 input.

Peak - When Red light is flashing, means level is too high and distortion can occur, reduce input level on the rear panel.

Charge ONLY - use for Charging your MP3 Player or Phone.



Input GAIN Knob - this should be use to set the input level. Signal LED on Chan 1 should be "GREEN" and Peak LED should NOT be red when setting this Gain Level.

Line or MIC input jacks for CHAN 1.



Input TRIM or GAIN knob for Chan 2.

Chan 2/3 or (Left/Right) input Jacks.

When onlyu Left is plugged in, signal will be connected to both Chan 2/3 (Left/Right)



Main Outpur Right to Speaker Switch.  
--- press this switch when only using ONE speaker or a MONO signal is desired.

Main Output Right - when using a 2nd second for Right Channel.



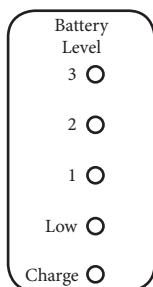
### **BLUETOOTH® FUNCTION (NOT AVAILABLE ON M3R8, MM3P)**

- To turn ON/OFF Bluetooth® function  
PRESS/HOLD down MODE button for approximately 5 seconds  
*Both LEDs will flash at the simultaneously*
- To pair device to the speaker system  
Bluetooth® needs to be turned ON  
QUICK TAP the MODE button once  
***Both Flashing LED: indicate Bluetooth® is ready to be paired***  
***Flashing Blue LED only: indicate Bluetooth® is connected***

### **EAE BATTERY & RECHARGING INFORMATION**

1. To fully charge a unit –
  - a. Turn Power Switch OFF
  - b. Connect “AC” adaptor to Power Jack.
  - c. Blue “Charge” LED should be lit, Charge time can vary from 24 – 36 hours depending on model and also surrounding temperature. In some case, Battery will be 99% charged after 24-36 hours, but the charge light will remain on.
2. Make sure battery is fully charged before UNIT is put into storage. We recommend fully charging the battery at least once each month.
3. SLA battery lifetime is typically 1 – 2 years depending on usage.
4. **DO NOT OVERDRAIN the battery by leaving unit ON for a long period of time.**

### **FOR MAXIMUM BATTERY LIFE**



- Recharge after every use
- Use & recharge battery at least once a month
- DO NOT leave power switch in the “ON” position when it is not in use. Doing so after a long period of time will damage the battery
- Keep unit in a cool, dry place away from extreme temperatures
- Do not service, modify, or replace the battery
- If the battery fails to charge, contact Elite Acoustics Engineering

### **CAR ADAPTOR**

- Unit can operate normally when plug into the Car Adaptor.
- Battery can also be charged by using the Car Adaptor.
- It is not recommended that you leave the unit plugged in while car is not running.

## **ABOUT EQ SETTINGS**

**High** – used to add sibilance and crispness to your sound, with the knob at 12:00, there is no boost or cut to the high frequency content.

**Mid** – Helps control the clarity of your overall mix and should be adjusted to suit lower or higher volume performance levels. Boosting the mids helps speech clarity and intelligibility at lower volumes while cutting the mids produces a more natural sound at higher volumes. The Mid frequency selection knob allows for a range extending from high LF to low HF. When set to 12:00 the Mid frequency peak is around 1.2k Hz, with +/- 12dB of boost or cut depending on the setting of the Mid knob. Here again, with Mid set to 12:00 the mid control is effectively out of the circuit.

**Low** – In general, lower volumes can benefit from LF boost to help bring out the bass at these lower settings, but it is usually left flat or even slightly cut for high playback levels.

## **TIPS**

- Distorted Sound
- 
- 1) Check input level to make sure input on Chan 1 (PAN and LEVEL should be set to 12 O'clock) Signal Light is in GREEN and not CLIPPING RED. Reduce Input by turn down GAIN knob (3) on the rear Panel. If Channel 2/3 is used, there is no input level metering. Gain Knob (5) controls the input level for Chan 2/3, set it to about 3 O'clock to check signal before increasing.
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- 2) Check Monitor Signal Light is also GREEN and not Clipping. Reduce Speaker Level by turning Monitor Knob (3), make sure EQ is set to middle (FLAT)
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- No Sound
- 1) Check LED signal lights. Green means there is Signal on the input.
- 2) Make sure PAN knob is at 12 o'clock position.
- 3) Make sure Channel level is set.
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- Battery not Holding Charging
- 1) Power unit off and charge the unit for 24 hours with Battery switch in Connect-ed position. If problem still persist, contact [info@eliteacoustics.com](mailto:info@eliteacoustics.com) for battery replacement instructions.
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- **Speakers:** 5 1/4" Woofer, one 1" Tweeter
- **Amplifier:** Class D Bi-AMP
- **Nominal Input Level (1 kHz):** CH1: -60 dBu, CH2/3: -20 dBu, AUX in: -10 dBu
- **Nominal output level (1 kHz):** Right Channel Link out: -10 dBu
- **Channel controls:** CH1: pan knob, level knob CH2/3: level knob
- **Master controls:** Volume knob, Equalizer (Low freq knob, Mid freq knob, High freq knob)
- **Aux in control:** Level knob
- **Indicators:** Master: signal clip, power
- **Connectors:** CH1: input jacks (XLR type, 1/4" TRS phone type) CH2/3: input jack Left/mono (1/4" TRS phone type), input jack Right (1/4" TRS phone type), AUX in: input jacks (stereo miniature phone type), Right channel output: line out jack Right (1/4" TRS phone type), DC in jack
- **Power Switch**
- **Power Supply:** DC 12V
- **Built-in rechargeable SLA battery with battery meter:** up to 15 hours of play time with full charge
  - NOTE: Battery can also be charged with the 12V DC Car Battery Supply Adapter, which is included with the speaker, whether the switch is turned ON or OFF
- **Current Draw:** 2000 mA
- **Other features:**
  - Optimized front ports for extended low-frequency response
  - Magnetic shielding eliminates interference with other electronic equipment
  - Re-chargeable Battery can be recharged from Car battery when using DC car adaptor cord that is included
  - Built-in pole-mount, 35mm receptacle on bottom of unit
  - \*\*Playback from Bluetooth® device
- **Accessories:** AC cord, AC adaptor, DC cord for the car, Right Angle Speaker Cable, & Owner's Manual
- **Dimensions:** 9"L x 9"W x 14.5"H
- **Weight:** 24 lbs.

For a copy of the complete User's Manual, please visit: [www.sunburstgear.net](http://www.sunburstgear.net)





**Legal Notice: CALIFORNIA PROPOSITION 65 WARNING**  
**WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

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 UNDESIRE OPERATION.

**WARRANTY (USA ONLY)**

Contact the Distributor in your area for service and warranty info.

Elite Acoustics Engineering Inc. warrants this product to be free of defects in material and workmanship (excluding battery) for a period of 1 year from the date of original retail purchase. Elite Acoustics Engineering Inc. warrants the Speaker's Battery for 90 days from the date of original retail purchase. This warranty is enforceable only by the original retail purchaser. To be protected by this warranty, the purchaser must complete and return the enclosed warranty card within 14 days of purchase. During the warranty period EAE shall, as its sole and absolute option, either repair or replace, free of charge, any product that proves to be defective on inspection by EAE or its authorized service representative. To obtain warranty service, contact Elite Acoustics Engineering Technical Support via email: [RMA@eliteacoustics.com](mailto:RMA@eliteacoustics.com). PRE-AUTHORIZATION MUST BE OBTAINED BEFORE SENDING ANY PRODUCT TO AN ELITE ACOUSTIC ENGINEERING SERVICE CENTER. All inquires must be accompanied by a description of the problem. All authorized returns must be sent to the EAE repair facility postage prepaid, insured and properly packaged. EAE reserves the right to update any unit returned for repair. EAE reserves the right to change or improve the design of the product at any time without prior notice. This warranty does not cover claims for damage due to abuse, neglect, alteration, or attempted repair by unauthorized personnel and is limited to failures arising during normal use that are due to defects in material or workmanship in the product. Any implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the length of this limited warranty. Some states do not allow limitations on how long an implied warranty lasts, therefore above limitation may not apply to you. In no event will EAE be liable for incidental, consequential, or other damages resulting from the breach of any express or implied warranty, including among other things, damage to property, damage based on inconvenience or on loss of use of the product, and, to the extent permitted by law, damages for personal injury. Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. This warranty only applies to products sold and used in the United States of America. For warranty information in all other countries please refer to your local distributor.

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