

# **MKC**

PROFESSIONAL STEREO POWER AMPLIFIER

**MK-500BT**  
**OPERATING MANUAL**

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Thank you very much to buy our product. Please take a few minutes to read this operating instructions. It will tell how to use the product, and it explains the feature and operation of the unit and help ensure a trouble free installation. Please keep this manual for future reference.

1. Be sure to the line voltage AC 110V 60Hz.  
If you aren't sure of the type of power supply to your home, consult your appliance dealer or local power company.

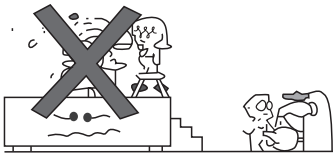
2. Protect voltage line  
Avoid high pressure and stamp on, don't pull push excessively.



3. Avoid covering vents  
Block up the vents will make the temperature in the unit become higher and will damage the unit.



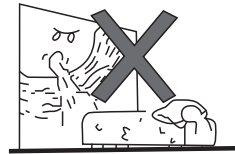
4. Avoid water dust and moisture  
Don't put the unit on high moisture or a dusty plane. Flower vase and other washer container should not be put above the unit.



5. Avoid put in very low temperature place  
It should not work if the temperature is very low, the well temperature is 5°C.



6. Please put this unit in the windy place  
Avoid direct sunshine and near heater, don't operate in a sealed box and be sure to have enough room for the heat exchange.



7. Avoid metals dropping in the unit  
Avoid metals dropping in, like needle, hairpin, coin. Otherwise the unit will short and out of work.



8. Avoid opening the cover of back  
Don't open the cover, re-fix or touch the inner parts, no user-serviceable parts inside, refer servicing to qualified service personnel.



9. Avoid cleaning with volatile solution  
Don't use volatile liquor. Don't clean with alcohol, painting, gasoline, etc.



## 1. RATED OUTPUT POWER

MAX OUTPUT POWER ( 4 ohm / P.M.P.O ) ----- 30W× 2

## 2. TOTAL HARMONIC DISTORTION

OUTPUT POWER ( 4 ohm/ RMS ) ----- 25W× 2

## 3. RATED INPUT LEVEL/IMPEDANCE

1) Audio input ----- 250mV/47KΩ

2) Microphone input ----- 5mV/600Ω

## 4. TONE CONTROL

1) BASS f=100Hz ----- ±12dB

2) TREBLE f=10KHz ----- ±12dB

## 5. SEPARATION

Master channel ----- ≥45dB

## 6. FREQUENCY RESPONSE

Master channel=20Hz-20KHz ----- ≤2dB

## 7. SIGNAL TO NOISE

Master channel ----- ≥71dB

## 8. SPEAKER SYSTEM

Master channel ----- 4Ω

## 9. INPUT POWER ----- AC~230V/60Hz

## 10. ACCESSORIES

Operation Instructions 1pcs



\* Subject to change without notice

\* Above indices are for reference only

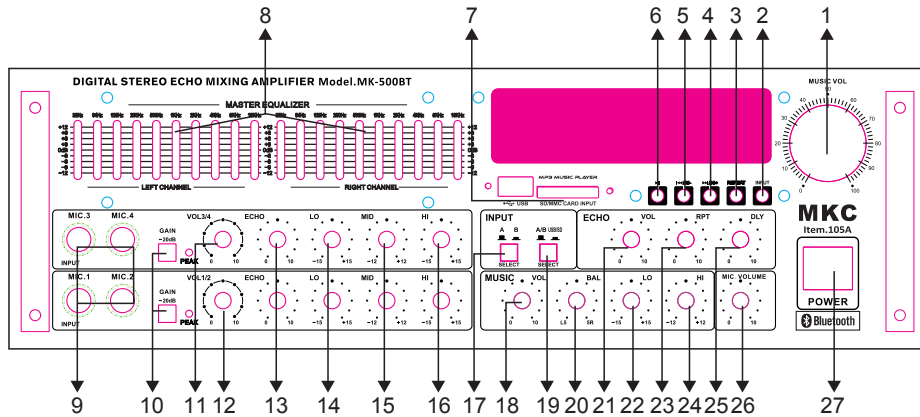
If you experience any of the following difficulties while using the unit, use this trouble shooting guide to help you remedy the problem, should any problem persist, consult your nearest dealer.

PROBLEM	POSSIBLE CAUSE
No Power	<ul style="list-style-type: none"> <li>● The AC power cord is disconnected</li> <li>● Poor connection at the wall socket or the wall socket is inactive</li> </ul>
No Sound	<ul style="list-style-type: none"> <li>● The speakers and components are disconnected</li> <li>● Make sure you select the correct component on the unit</li> <li>● Volume control at lowest level</li> <li>● Speaker wire short or open</li> </ul>
One master Speaker NO Sound	<ul style="list-style-type: none"> <li>● Bad or incorrect speaker connections</li> <li>● Balance not in center</li> <li>● Speaker wire short or open</li> </ul>
Bad Sound	<ul style="list-style-type: none"> <li>● The place is unfit for the speakers</li> <li>● Bad or incorrect speaker connections</li> <li>● Treble and bass control are too low</li> </ul>
Micphone No Sound	<ul style="list-style-type: none"> <li>● Micphone volume is too low</li> <li>● Micphone not turned on</li> <li>● Micphone wire short or open</li> </ul>
Severe hum or noise is heard	<ul style="list-style-type: none"> <li>● Check that the speaker and components are connected securely</li> <li>● The plugs and jacks are dirty</li> </ul>

- ◆ Professional High Power Amplifier
- ◆ Bluetooth Function
- ◆ USB/SD Card Input for MP3 Player
- ◆ Four Microphone Inputs with Individual Controls
- ◆ Dual 10-Bands Equalizer
- ◆ Music & Microphone Volume Individual Controls
- ◆ PRE & NEXT & PLAY/PAUSE & Repeat Controls
- ◆ MIC1 & MIC2 & MIC3 & MIC4 Individual Controls
- ◆ Music Balance & Bass & Treble Controls
- ◆ MIC Delay & ECHO Controls

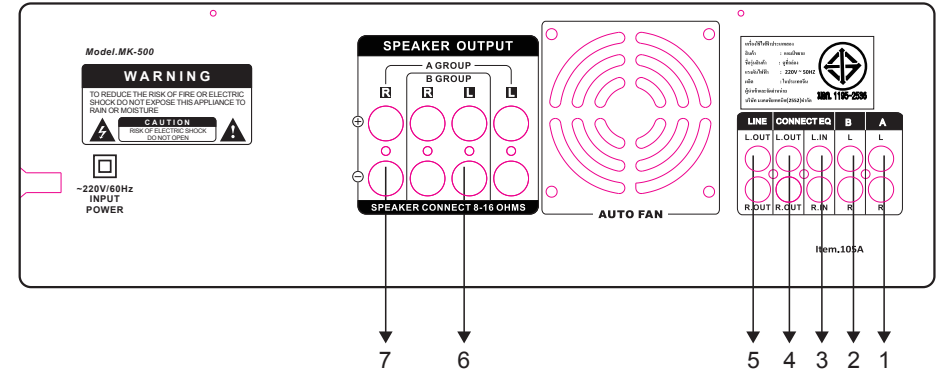
<b>CAUTION</b>	<p>WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DON'T EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.</p> <p>TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.</p> <p>THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.</p>
<p>RISK OF ELECTRIC SHOCK</p> <p>DO NOT OPEN</p>  	

Front Panel



1. Master Music Volume Control: Use this knob to adjust the volume of music.
2. INPUT: Press this button to switch among all the input modes.
3. Repeat/Random: Press this button to repeat all tracks, current tracks or play random track.
4. Next/NEXT Ten: Press this button to go to next track or next 10th track.
5. PRE/PRE 10: Press this button to go back to previous track or previous 10th track.
6. Play/Pause: Press this button to play. Press again to pause.
7. USB/SD Card Input: Connect the USB/SD card here.
8. Dual Ten-Band Equalizer: Use this equalizer to adjust the sound of main output.
9. MIC Inputs: Connect the Microphones here.
10. Gain Controls: Use these knobs to adjust the gain of microphone.
11. MIC 3 & MIC 4 Volume Control: Use this knob to adjust the volume of MIC 3 & MIC 4.
12. MIC 1 & MIC 2 Volume Control: Use this knob to adjust the volume of MIC 1 & MIC 2.
13. MIC ECHO Control: Use this knob to adjust the echo of microphone.
14. MIC LOW Control: Use this knob to adjust the bass of microphone.
15. MIC MID Control: Use this knob to adjust the middle level frequency of microphone.
16. MIC Treble Control: Use this knob to adjust the treble of microphone.
17. A/B Input Selector: Use this selector to select the input between A and B.
18. Music Volume Control: Use this knob to adjust the music volume level.
19. USB/SD & A/B Selector: Use this selector to select the input between USB/SD and A/B.
20. Music Balance Control: Use this knob to adjust the balance of music.
21. ECHO Volume Control: Use this knob to adjust the volume of echo.
22. Music Low Control: Use this knob to adjust the bass of music.
23. ECHO Repeat Control: Use this knob to adjust the repeat of echo.
24. Music High Control: Use this knob to adjust the treble of music.
25. ECHO Delay Control: Use this knob to adjust the delay of echo.
26. Master MIC Volume Controls: Use these knobs to adjust the volume of microphones.
27. Power Switch: Use this switch to power ON/OFF the unit.

Rear Panel



1. Group A Input: Connect the group A signal here. It must be passive signal.
2. Group B Input: Connect the group B signal here. It must be passive signal.
3. Loop Input: Connect the output of a separate equalizer to the loop input. This equalizer should be the same one which "Loop Output" is connected to. If not, there won't be any volume output from the speakers.
4. Loop Output: Connect the loop output to a line input on a separate equalizer. If there is no equalizer needed, plug in the plug provided with the unit to enable this function. If there is no equalizer connected to this output and the plug isn't plugged, there won't be any volume output from the speakers connected.
5. Line Output: Connect this output to another amplifier or active speaker.
6. Group B Speakers Output: Connect the group B speakers here.
7. Group A Speakers Output: Connect the group A speakers here.

### Bluetooth connection:

To play Bluetooth signal, enable the Bluetooth function on a Bluetooth device like cell phone and set the amplifier to Bluetooth input mode and then search for available Bluetooth devices nearby on cell phone. The Bluetooth name of the amplifier is "MKC AMPLIFIER". Pair and connect. There is no pairing code.

**Note: The amplifier is only discoverable when input is set to Bluetooth.**