

OPERATION INSTRUCTIONS

ACCURACY

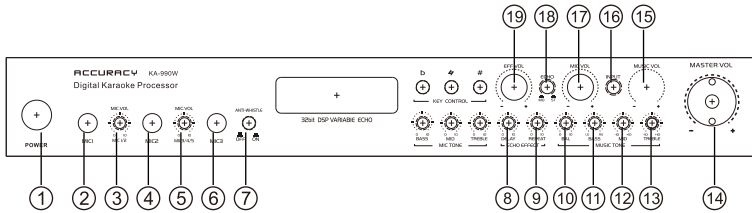
KA-990W



PROFESSIONAL EFFECT EQUIPMENT
PROFESSIONAL AUDIO

- We greatly appreciate your purchase of the production.
- Be sure to you take maximum advantage of all the production has to offer, read these instructions carefully and use the set properly. Be sure to keep this manual for future reference, should any questions or problems arise.

FRONT PANEL

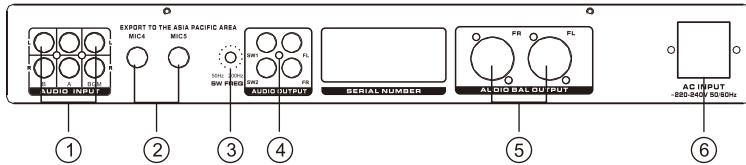


1. Power switch
2. Microphone 1 input jack
3. Adjust MIC1/2 volume
4. Microphone 2 input jack
5. Adjust MIC3/4/5 volume
6. Microphone 3 input jack
7. ANTI-WHISTLE(on/off)
8. EL.DLY: Adjust echo delay of the L-CH
9. ER.DLY: Adjust echo delay of the R-CH
10. REPEAT: Adjust echo repeat times
11. BAL: Adjust the balance of the L-CH, R-CH
12. BASS: Adjust music bass
13. TREBLE: Adjust music treble
14. MUSIC: Adjust music volume
15. SW. VOL: Adjust Subwoofer volume
16. INPUT: Select A or B/USB input source
17. MIC. VOL: Adjust MIC volume
18. Selector: Switch between stereo and mono channel
19. EFF. VOL: Adjust effect volume

TIPS: Special microphone 8-band EQ, can modify various human voice, achieve real and natural effect!

REAR PANEL/METHOD OF OPERATION

REAR PANEL:



1. The three-channel stereo music input connects VOD, DVD, VCD, and BGM (background signal).
2. MIC4/5 microphones input.
3. SW.FREQ: Adjust low frequency from 50 to 200Hz.
4. AUDIO OUT: left channel, right channel, Subwoofer output.
5. FL/FR: BALANCED OUT jacks.
6. BUILT-IN THE SAFETY POWER INPUT SOCKET:
Before using, be sure that the supply power is right. And The fuse specification is same according to the indicator when replacing.

METHOD OF OPERATION:

1. Connect the audio system well;
2. Tune VOLUME to minimum ;
3. Turn on the power after confirming the correct power supply.
NOTICE: please turn on the set first, then turn on other amplifiers. And when turning off, please turn off amplifiers first.
4. Adjust the audio effect to the audio system: firstly, adjust the volume to the middle point, adjust TREBLE Knob or the BASS Knob can change the tonality and timbre of music. Adjust "EL.DLY", "ER.DLY", "REPEAT" knob can change the Microphone effect. Adjust "SW.FREQ", "SW.VOL" knob can change the Subwoofer effect.
5. When echo on mono mode, the echo time controls by "EL.DLY".
6. When functions are disordered, control all the potential meter to the middle position, can restore factory effect.
7. Finished using, control volume to the minimum position, then turn off the power.

TROUBLE SHOOTING

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If the device appears to be abnormal, please stop using and check the below Trouble Shooting. Since unfamiliar operation would cause abnormal function. If the problem is not included in below chart, please contact local dealer for service.

PROBLEM	POSSIBLE CAUSE	MEASURE
Both Microphone and music have no output, or only one channel has output	Plug is loosened. Balance is turned to one side Speaker cord is loosened	Connect to power supply again Set a proper balance connect the speaker again
The device has music output, but not microphone output	Microphone not tightly connected Microphone volume at minimum Microphone is off	Connect microphone again Adjust microphone volume control Turn on microphone
Only music output is muted	Input socket is not tightly connected external device is not working The music system is not correctly setup	Check external devices including connection Adjust music system
No echo effect	Echo depth is at minimum	Adjust echo to proper depth
No working	Loosened power plug Fuse blown	Connect to power supply again Unplug power cord from wall outlet, replace fuse

SPECIFICATIONS

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F/R	20Hz-20KHz(±3dB)
LINE INPUT S/N	>95dB
MICROPHONE INPUT S/N	>85dB
T.H.D	≤0.5%(Normal Working Condition)
SIGNAL INPUT SENSITIVITY	245mV(±20mV)
MICROPHONE INPUT SENSITIVITY	10mV(±2mV)
OK TONE CONTROL	±10dB
MUSIC TONE CONTROL	±10dB
SW FREQ	50Hz-200Hz
SAFETY CLASS	I Grade
SUPPLY VOLTAGE	~220-240V 50/60Hz

[1]: The specification above is sample results for reference only. Specific parameter, refer to rear panel.
 [2]: The unit's maintenance and service is granted to dealers. Do not service by yourself. Guarantee void if seal broken.