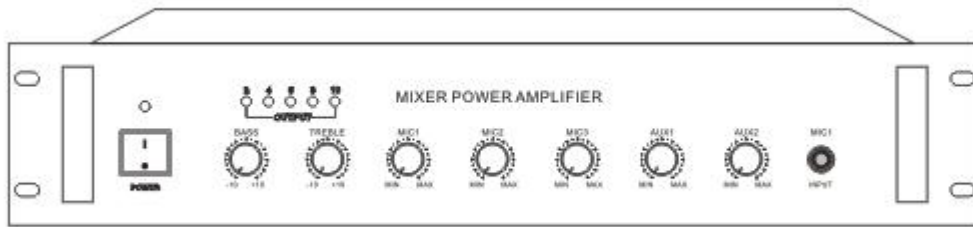


# Amplifier

Model: KNMK-70/KNMK-130/KNMK-260/KNMK-360/KNMK-500/KNMK-640



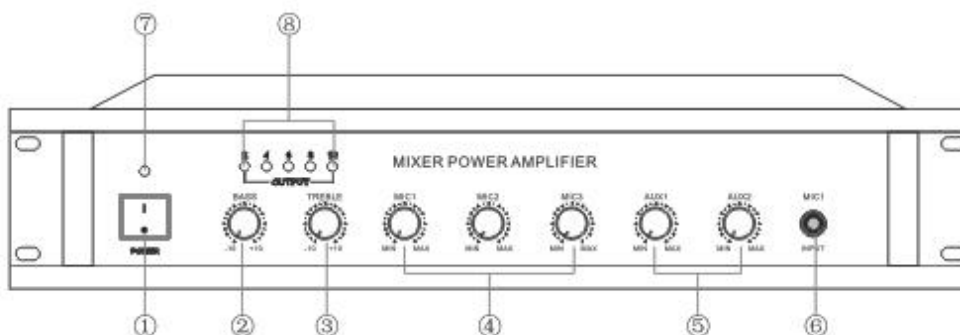
## Integrated amplifier



### Functional features:

1. 5-way signal input (front panel one-way microphone input, rear panel two-way microphone input, two-way line input)
2. With 100V, 70V constant voltage output and 4~16  $\Omega$  constant resistance output;
3. The volume of each input channel is adjusted independently;
4. Independent adjustment of treble and bass;
5. Mic1 automatic silent tone;
6. Led level display;
7. It has perfect output short-circuit protection and over temperature protection functions;
8. Forced start of cooling fan;
9. It is very suitable for medium and small public places;

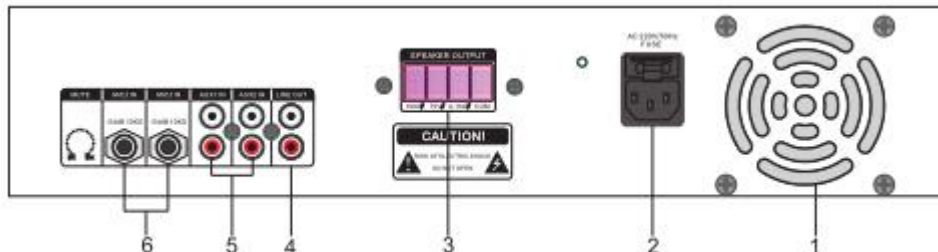
### Front panel description



- |                     |                    |                        |
|---------------------|--------------------|------------------------|
| 1 Power switch      | 2 bass adjustment  | 3 treble adjustment    |
| 4 Microphone volume | 5 auxiliary volume | 6 mic1 microphone jack |
| 7 Power indicator   | 8 level indicator  |                        |

Note: when the five level lights are always on, it indicates overload distortion, and the relevant volume knob should be adjusted to normal.

## Rear panel description:



- 1 、 fuse      2、 AC power interface      3、 output terminal  
4 、 Line output port (recording or linking other audio equipment)    5 、 line input socket 1, 2  
6 、 Microphone socket 2 and 3

Note: only one pair of the four output terminals of the power amplifier should be used.

## Silent sound function:

Mic1 has the highest priority, and the signal input from this socket will suppress the input signals from other sockets.

## Installation precautions

- 1 .do not block the vent of the equipment.
2. Before use, pay attention to check that the power cord is not damaged
3. The power plug and socket should match. If the socket and plug do not match, a suitable power socket must be connected. People are not allowed To destroy the power plug.
4. The power supply used by the equipment should have sufficient capacity and independent and reliable grounding wire.
5. When using this machine, pay attention to good ventilation, prevent dust and humidity, and avoid direct sunlight and strong vibration. The most suitable working environment 5-28 Centigrade, relative humidity <99%, if working for a long time, when the ambient temperature is too high, it is recommended to take effective cooling measures.
6. The required power supply voltage of this machine is 220v+10%50/60hz. If the power supply voltage is too high or too low, it should be switched off immediately Check it and power it up again after troubleshooting
- 7 when the power is turned on and the signal is input, if you hear a short alarm signal tone, it indicates that the load is short circuited, you should immediately cut off the power and add To check. Power up again after troubleshooting
8. Before starting the power amplifier, be sure to turn the volume to the minimum and turn it up slowly after starting the power amplifier to prevent damage to the loudspeaker. When shutting



down, please Turn the volume to the minimum, and then turn off the power supply to reduce the total impact on the power grid

## Performance index

Model no.	KNMK-70	KNMK-130	KNMK-260	KNMK-360	KNMK-500	KNMK-640
Rated output power	70W	130W	260W	360W	500W	640W
Output mode	4-16 ohms( $\Omega$ ) Constant resistance output					
	70W 70V(70ohms( $\Omega$ );100V(143ohms( $\Omega$ ))					
	130W 70V(38ohms( $\Omega$ );100V(77ohms( $\Omega$ ))					
	260W 70V(19ohms( $\Omega$ );100V(38ohms( $\Omega$ ))					
	360W 70V(14ohms( $\Omega$ );100V(28ohms( $\Omega$ ))					
	460W 70V(10.7ohms( $\Omega$ );100V(21.7ohms( $\Omega$ ))					
	660W 70V(74ohms( $\Omega$ );100V(15.1ohms( $\Omega$ ))					
Mic Input	600ohms( $\Omega$ )8-12mV out-off-balance					
Auxiliary input	10kohms( $\Omega$ )150-470mV, out-off-balance					
Line output	0.775V(0dBV)					
frequency response	60H7_15KHz(+3dB)					
Totalharmonicdistortion THD	<0.5%at1kh, 1/3 rated output power					
Signal to noise ratio S/N	aux:85d, mic:>72db					
Tonal range	BASS:100Hz(+10dB), TREBEL:12KHz(+10dB)					
Sound suppression ability	When mic1 is input, MIC2, mic3, AUX1, aux2 signals attenuate by 0-30db					
Output adjustment rate	<3db, from no signal static working state to full load working state					
Function control	There are five volume adjustments, one high and low tone adjustment, one silent tone adjustment and one power switch					
Cooling mode	Dc12vfan (start when the internal temperature reaches 50 °C)					
indicator light	Power:'power ', level display: 0246810'					
Insurance	4 A	4 A	6 A	8 A	10 A	12A
power cord	(3x0.75mm) x1.5m (standard)					
supply voltage	AC220V $\pm$ 10%50-60Hz					
Power consumption	95W	185W	350W	485W	620W	880W
Machine size	89(H) $\times$ 483(W) $\times$ 366(D)mm					
Box size	185(H) $\times$ 520(W) $\times$ 435(D)mm					
Net weight	10.5kg	11.5kg	13.8kg	14.5kg	17.6kg	19.7kg
Gross weight	11.8kg	13.1kg	15.4kg	15.8kg	19.3kg	21.4kg