



USER'S MANUAL

Professional Speaker System

SOUNDKING AUDIO

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ECNJG1905217

1. IMPORTANT SAFETY INSTRUCTIONS

WARNING:

In order to avoid the possibility of physical injury to you or others, or damage to the device or other property, please follow the basic precautions listed below. These precautions include, but are not limited to, the following:

- Read and keep these instructions
- Heed all warning.
- Follow all instructions.
- This device is capable of delivering high sound pressure levels beyond 120dB, which may cause permanent hearing damage. Please pay more attention to select a proper volume.
- Do not remove the front metal grille which protects the loudspeaker (or the inside components) from any irreparable damage. The device contains no user-serviceable parts.
- Do not use solvents such as acetone or alcohol to clean the device, or the solvent may damage its finish.
- Do not expose the device to the atrocious environment for a long time (for example: moisture, excessive heat, strong temperature variations, etc.)
- Clean the device once in a while to avoid excessive dust; when removing the device, please pack the device with original packaging for any transport purpose
- Only use the accessories/attachments or parts recommended by the manufacturer.

CAUTION:

In order to avoid the possibility of damage to the device or other property, please follow the basic precautions listed below. These precautions include, but are not limited to, the following:

Location

The series speaker features with smart and convenient installation facility, which can be located on a stable ground surface or mounted on a stand (only for full-range speaker) or other ways. For protecting your speaker from possible damage, please note following caution:

- If you place your speaker on flat surface, please make sure the flat surface is even, completely firm.
- Before moving the speakers, remove all connected cables.
- When installing or transporting the device, always use two or more people.

Connections

- Always make sure that all devices are turned off when connecting the speaker to other devices. Also make sure that all volume and level controls are turned down to minimum before turning the power on.
- Use only speaker cable for connecting speakers to speaker jacks. Use of other types of cables may result in fire.

Model	KT12MA-1
Type	two way active monitoring loudspeaker
Frequency response (-10dB)	55Hz--20kHz
Sensitivity (1W@1m)	0dBu
Mas SPL(dB)	124dB
Amp power (RMS)	400W (LF)+70W (HF)
coaxial speaker LF unit	12" LF/75mm voice coil/300W/8Ω
HF unit	44 compression driver/1" throat/40W/8Ω
Coverage (V*H)	80° * 80°
Crossover	2.2kHz
Input connector	JACK/XLR
Input voltage	230V/115V (for option)
Dimension(W*H*D)	462*430*442 (mm)
Weight	16 kg

Model	KT15MA
Type	two way active monitoring loudspeaker
Frequency response (-10dB)	55Hz--20kHz
Sensitivity (1W@1m)	0dBu
Mas SPL(dB)	129dB
Amp power (RMS)	400W (LF)+100W (HF)
coaxial speaker LF unit	15" LF/75mm voice coil/400W/8Ω
HF unit	44 compression driver/1" throat/40W/8Ω
Coverage (V*H)	80° * 80°
Crossover	2.2kHz
Input connector	JACK/XLR
Input voltage	230V/115V (for option)
Dimension(W*H*D)	500×500×501 (mm)
Weight	23 kg

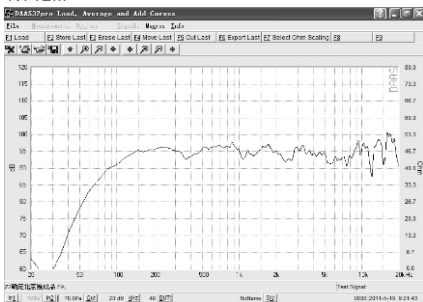
5. Maintenance

Problem	Analyze
No Sound	Check if system cables, power supply and other devices operate?
Distortion	Check if signal is overloaded, amp is clipping, switch reasonable?
Abnormal tone	Check if signal wire is connected correctly and tone switch reasonable?
Loud Noise	Check if signal wire is connected correctly, and ground switch connected correctly?
Burn-in	Chec if the voltage of transforming switch is selected correctly?

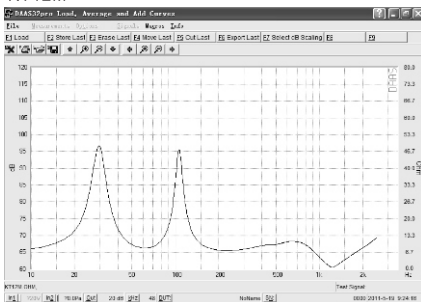
Note: if the problem is still there checking mentioned above, please contact our dealer or our customer service department. We are happy to help you and solve the problem.

Model	KT12MA
Type	two way active monitoring speaker cabinet
Frequency response (-10dB)	55Hz--20KHz
Sensitivity (1W@1m)	0dBu
Mas SPL(dB)	124dB
Amp power (RMS)	400W (LF)+100W (HF)
coaxial speaker LF unit	12" LF/75mm voice coil/Nd mag/300W
HF unit	75mm compression driver/1.5 inch throat/Nd mag/100W
Coverage (V*H)	80° * 80°
Crossover	1.1kHz
Input connector	JACK/XLR
Input voltage	230V/115V (for option)
Dimension(W*H*D)	468*430*442 (mm)
Weight	18.5 kg

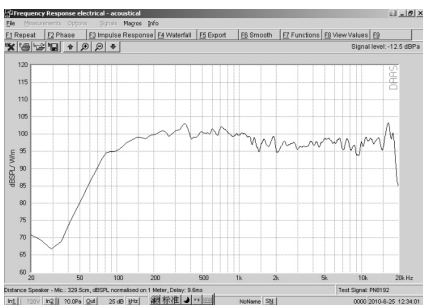
KT12M



KT12M



KT12MA



2. INTRODUCTION

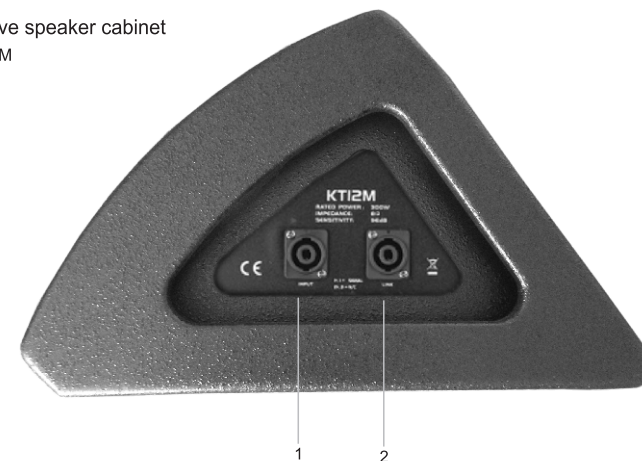
Based on many years of R&D experience accumulation, Soundking specially designs the stage monitoring speaker cabinet series, active and passive, 45° or 20° for selection. This series of speaker cabinets are suitable for stage show and near field reinforcement.

Features:

- 1.LF/HF units use the same magnetic and coaxial Nd magnetic design to improve the voice coil efficiency & sensitivity, and to ensure the reproduction of the original sound and to lower various distortions.
- 2.Ti/PK compound diaphragm of HF compression driver and 75mm voice coil ensure transparent tone.
- 3.The active amplifier adopts HF/LF dual amp design to ensure sufficient headroom. Class D amplifier enlarges the dynamic range and ensure the pure tone. The amplifier is also designed with perfect protection: thermal/power surge/over-load/short circuit protection.
- 4.The passive cabinet adopts LC crossover and HF PTC protection. The refined components offer original sound.
- 5.Unique and compact contour; triangle handle for convenient transportation.
6. 45° and 20° monitoring angles;
- 7.Waterproof environmental friendly paint and steel grille.

3.PANEL OPERATION

- (1). Passive speaker cabinet
KT12M



- 1) Signal input connector (INPUT)

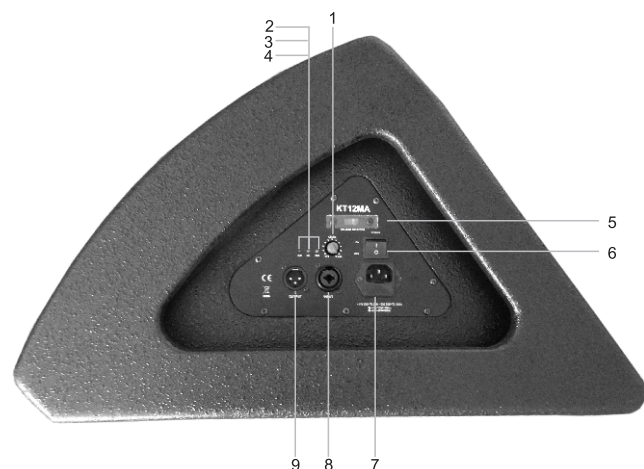
The professional speaker connector to connect the signal from external amplifier from +1, -1.

- 2) Link connector (LINK)

The LINK connector is used to link multiple speaker cabinets.

(2). Active monitoring speaker cabinet

KT12MA



- 1). Gain knob
- 2). Clip LED
- 3). Signal LED
- 4). Power LED
- 5). Voltage switch
- 6). Power switch
- 7). Power socket
- 8). Line in
- 9). Line out

4. Specification

Model	KT12M
Type	two way passive monitoring speaker cabinet
Frequency response (-10dB)	55Hz--20KHz
Impedance (Ω)	8Ω
Sensitivity (1W@1m)	96dB
Mas SPL(dB)	127dB
Rated power (RMS)	300W (continuous), 1200W (peak)
coaxial speaker LF unit	12" LF/75mm voice coil/Nd mag/300W
HF unit	75mm compression driver/1.5 inch throat/Nd mag/100W
Coverage (V*H)	80° *80°
Crossover	1.2kHz
Input connector	4xSPOKEN
Dimension(W*H*D)	468*430*442 (mm)
Weight	17.5 kg

Model	KT12M-1
Type	two way passive monitoring speaker cabinet
Frequency response (-10dB)	55Hz--20KHz
Impedance (Ω)	8Ω
Sensitivity (1W@1m)	96dB
Mas SPL(dB)	127dB
Rated power (RMS)	300W (continuous), 1200W (peak)
coaxial speaker LF unit	12" LF/75mm voice coil/Nd mag/300W
HF unit	44mm compression driver/1 inch throat/Nd mag/40W
Coverage (V*H)	80° *80°
Crossover	2.2kHz
Input connector	4xSPOKEN
Dimension(W*H*D)	462*430*442 (mm)
Weight	15 kg

Model	KT15M
Type	two way passive monitoring loudspeaker
Frequency response (-10dB)	55Hz--20kHz
Impedance (Ω)	8Ω
Sensitivity (1W@1m)	97dB
Mas SPL(dB)	129B
Rated power (RMS)	400W(continue), 1600W(peak)
coaxial speaker LF unit	15"LF/75mm voice coil/400W/8Ω
HF unit	44 compression driver/1" throat/40W/8Ω
Coverage (V*H)	80° *80°
Crossover	2.2kHz
Input connector	4xSPOKEN
Dimension(W*H*D)	500×500×501 (mm)
Weight	20.5 kg