

The “ALPHA” Series 2.1 Active Speaker System

Operation Manual

1. Introduction:

Thank you for your purchase of our **ALPHA** active system.

Please study the operation manual carefully before using the system in order to obtain the optimal results.

This manual is applicable on **ALPHA 12** and **ALPHA 15** system.

Please contact your local agent if you find the manual missing from the product.

Postpone the use of the product until you have read the manual.

2. Attention:

- study the manual carefully.
- keep the manual for future needs.
- pay attention to all warning signs.
- follow the operation instructions as specified.
- Warning: To prevent fire and electrical shock, please avoid using this product in the rain or in moist / wet environment.
- use a soft cloth when cleaning is required.
- do not block the ventilation outlet.
- do not install and use this product near any machines or equipments which may generate heat, such as radiators, ovens or power amplifiers.
- protect the power cord, the plug and the socket from being stepped-on or squashed.
- do not use any components, parts or accessories not specified by the manufacturer.
- unplug the system from power socket during severe thunder storm, or when the product is not to be used.
- Call your local agent for service and repair if you find the product not working properly or damaged.
Defects may occur when the products is abused, dropped, get wet, or when the power cord / plug is broken.

WARNING SIGNS:



Indicates important points or areas where you should pay special attention.



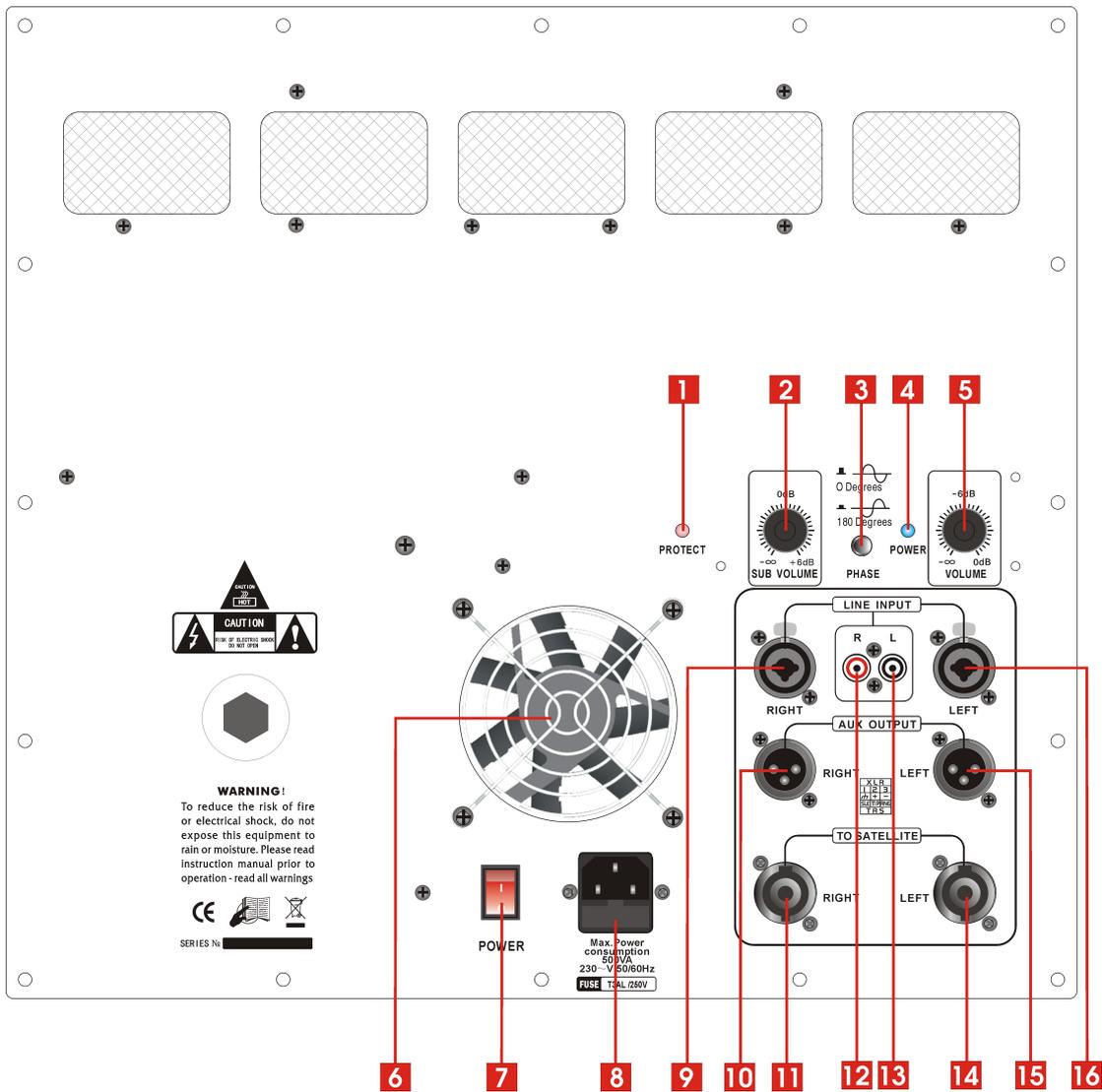
Hazardous. Electrical shock warning.



Caution: Do not remove the cover. No parts inside is repairable by user.

Call qualified technicians for repair or return product to local agent for service.

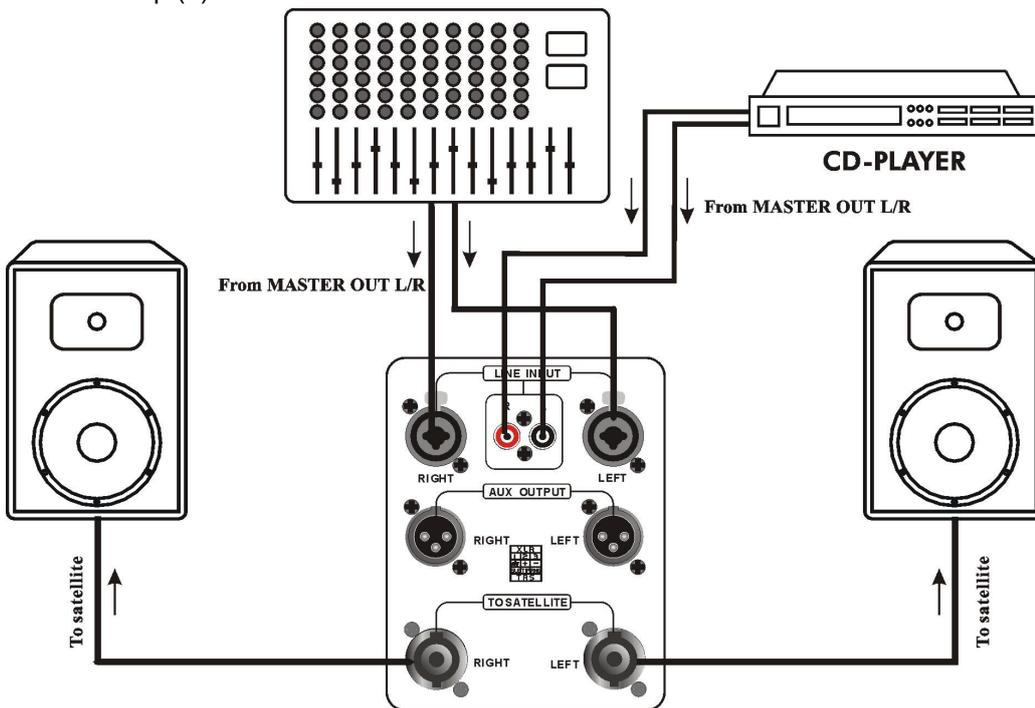
3.Rear Panel Description:



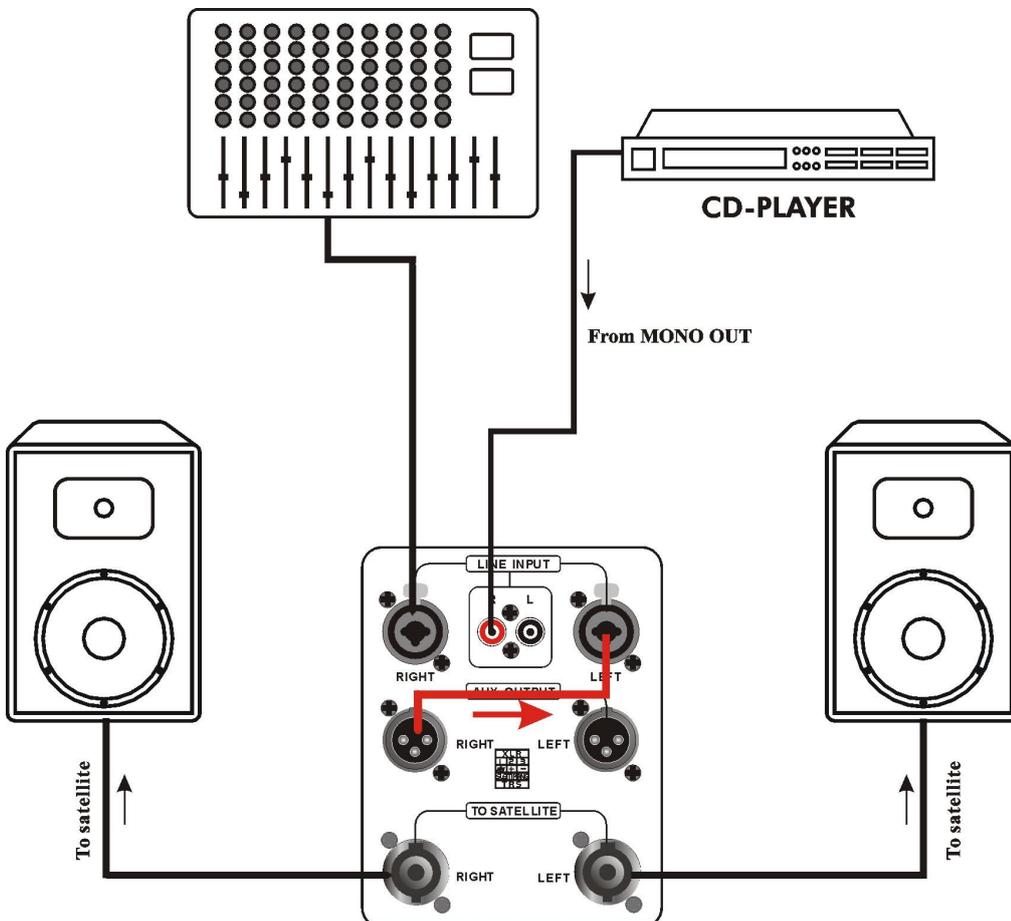
- (1). **PROTECT:** The light is on when defect occurs. The light is off when the system works properly.
- (2). **SUB VOLUME:** Controls the level of incoming signal to the subwoofer.
- (3). **PHASE:** Sets the polarity of the subwoofer output. **Lifted-up:** 0° phase. **Pressed-down:** 180° phase inverted.
- (4). **POWER LED:** Power on/off indicator.
- (5). **VOLUME:** Controls the overall level of incoming signals.
- (6). **Ventilation Fan:** Cooling the built-in amplifier. (Make sure the ventilation outlet is not blocked.)
- (7). **POWER:** Power on/off switch.
- (8). **POWER INPUT:** Connect to power with included power cord. Fused.
- (9). **LINE INPUT (RIGHT) R:** XLR Balanced line input socket for R channel input. (connect to Mixer).
- (10). **AUX OUTPUT (RIGHT) R:** Sends parallel full-range signal to additional systems or components.
- (11). **TO SATELLITE (RIGHT) R:** Speakon connector output for satellite speaker R.
- (12). **LINE INPUT R:** Binding post of banana plug for audio signal input R Channel. (connect to CD Player, for example).
- (13). **LINE INPUT L:** Binding post of banana plug for audio signal input L Channel.
- (14). **TO SATELLITE (LEFT) L:** Speakon connector output for satellite speaker L.
- (15). **AUX OUTPUT (LEFT) L:** Sends parallel full-range signal to additional systems or components.
- (16). **LINE INPUT (LEFT) L:** XLR Balanced line input socket for L channel input.

4: Set-Up Diagrams:

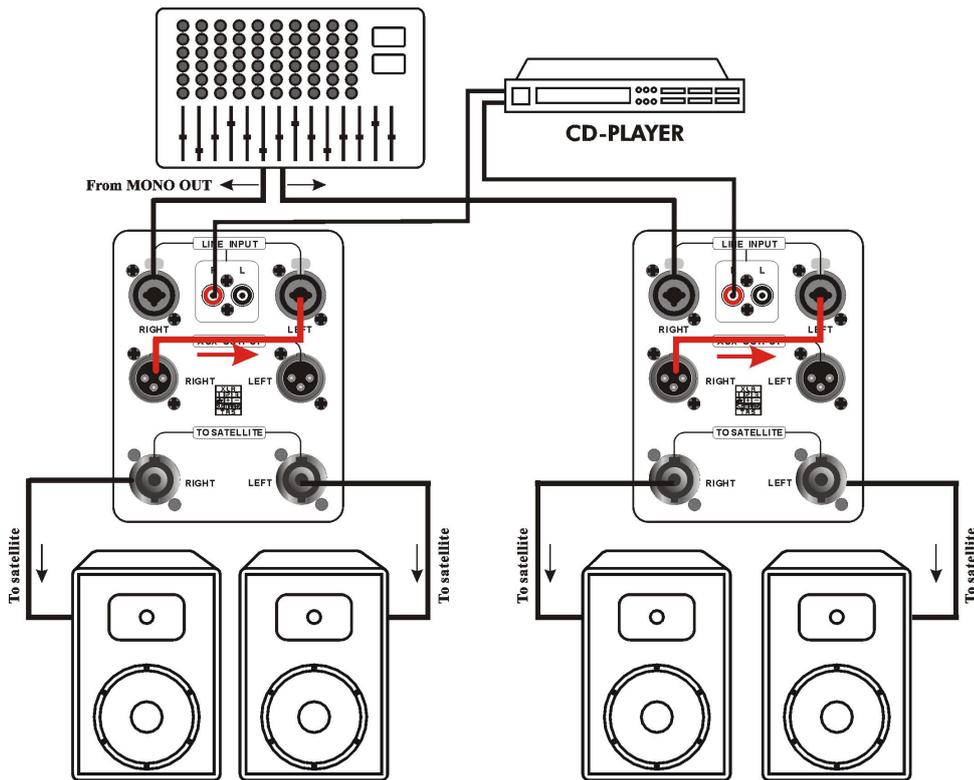
a :Set-up (1).



b : Set-Up (2).



C : Set-Up (3).



Technical Information

subwoofer:

12 " active vented PA subwoofer
 built in Dynamic limiter circuits
 built in Loudness circuits

Woofer:	AL-1264L ,8 Ohm, 2.5 " Voice Coil
Amplifier Output Power Low:	350 Watt RMS
Amplifier Output Power High:	2x120Watt RMS in 8 Ohm
Freq.Response:	50-180 Hz
Crossover frequency:	180HZ,24dB/oct
Sensitivity :	100dB W/m
Housing:	15mm Plywood (13 layers)
Dimensions(WxHxD):	450 mm×500 mm×600 mm
Weight:	33.8 kg

Satellite:

6.5 " /1 passive vented PA satellite speaker system

Mid Speaker:	AL-638 ,8 Ohm, 1.5 " Voice Coil
High Driver:	AI-H25,8 Ohm 1 " CD hom(90° ×60°)
Freq.Response:	180-20000 Hz
Crossover frequency:	2700HZ,12dB/oct
Sensitivity :	95dB W/m
Housing:	15mm MDF BLACK PU
Dimensions(WxHxD):	240 mm×380 mm×245 mm
Weight:	8 kg

Technical Information

subwoofer:

15 " active vented PA subwoofer
 built in Dynamic limiter circuits
 built in Loudness circuits

Woofer:	AL-1576L ,8 Ohm, 3 " Voice Coil
Amplifier Output Power Low:	400 Watt RMS
Amplifier Output Power High:	2x150Watt RMS in 8 Ohm
Freq.Response:	50-150 Hz
Crossover frequency:	150HZ,24dB/oct
Sensitivity :	102dB W/m
Housing:	18mm Plywood (13 layers)
Dimensions(WxHxD):	500 mm×590 mm×700 mm
Weight:	46 kg

Satellite:

8/1 passive vented PA satellite speaker system

Mid Speaker:	AL-838 ,8 Ohm, 1.5 " Voice Coil
High Driver:	AI-H25,8 Ohm 1 " CD hom(90° ×60°)
Freq.Response:	150-20000 Hz
Crossover frequency:	2700HZ,12dB/oct
Sensitivity :	95dB W/m
Housing:	15mm MDF BLACK PU
Dimensions(WxHxD):	265 mm×420 mm×255 mm
Weight:	8.5 kg