

LARK SPK6 Active Speaker

User Manual

Preface

The purpose of this section is to ensure that the user is able to use the product correctly through this manual in order to avoid danger in operation or property damage. Before using this product, please read the product manual carefully and keep it for future reference.




Outlined

This manual applies to LARK SPK6 Active Speaker.

This manual describes the functions and use of the various functional modules of the LARK SPK6 Active Speaker, and guides you through the installation and commissioning of the LARK SPK6 Active Speaker.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Provides additional information to emphasize or supplement important points of the main text.
 Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

Danger

To ensure reliable use of the equipment and the safety of personnel, please observe the following during installation, use and maintenance:

- During the installation and use of the equipment, all electrical safety regulations of the country and the region of use must be strictly observed.
- When installing the equipment, make sure that the power supply of the equipment is AC 100V-240V, 50/60Hz.
- Keep the working environment well ventilated so that the heat generated by the equipment during operation can be discharged in time to avoid damage to the equipment due to excessive temperature.

- Always unplug the unit's power adapter from the AC power outlet before: A. Removing or reinstalling any part of the equipment; B. Disconnecting or reconnecting any electrical plug or connection of the equipment. Do not operate with electricity.
- There are AC high-voltage parts in the equipment, non-professionals should not disassemble them without permission to avoid the risk of electric shock. Do not repair the equipment privately to avoid aggravating the damage.
- Do not spill any corrosive chemicals or liquids on or near the equipment.
- If the unit emits smoke, odour or noises, turn off the power immediately and unplug the power cord, and contact your dealer or service centre.
- If the appliance is not working properly, contact the shop where you purchased the appliance or the nearest service centre and do not disassemble or modify the appliance in any way. (We cannot be held responsible for problems caused by unapproved modifications or repairs).

**Caution**

- Do not drop objects on the equipment or vibrate the equipment vigorously, and keep the equipment away from locations with magnetic field interference. Avoid installing the equipment in a place where the surface vibrates or is susceptible to shock (neglecting this may damage the equipment).
- Do not use the equipment in high temperature, low temperature or high humidity environments. Refer to the equipment's data sheet for specific temperature and humidity requirements.
- Use the unit indoors, not in an exposed installation where it may be exposed to rain or extreme humidity.
- When the equipment is not used for a long period of time or in a humid and dewy environment, the main power supply of the equipment should be switched off.
- When cleaning the equipment, please use a sufficiently soft dry cloth or other alternatives to wipe the internal and external surfaces, do not use alkaline detergent to wash, and avoid hard objects to scratch the equipment.
- Please keep all the original packaging materials of the equipment properly, so that in case of problems, use the packaging materials to pack the equipment and send it to the agent or return it to the manufacturer for processing. We will not be responsible for any accidental damage in transit not caused by the original packaging materials.

**Note**

- Basic knowledge and skills in low voltage cabling and wiring of low voltage electronics.
- Basic audio and networking knowledge and skills and the ability to read and understand the contents of this manual.

TABLE OF CONTENTS

Chapter 1 Product Introduction	1
1.1 Introduction	1
1.2 Product Features	1
Chapter 2 Specification	1
Chapter 3 Interface Introduction	2
3.1 Master Speaker	2
3.2 Slave Speaker	3
Chapter 4 Instructions for use	3
4.1 Wall Mounting	3
4.2 FAQ.....	5
4.2.1 No sound or low output sound pressure level	5
4.2.2 Sound distortion	5
Chapter 5 Packing List	5

Chapter 1 Product Introduction

1.1 Introduction

The LARK SPK6 system is a professional sound reinforcement speaker specially tuned for classroom, the main speaker promotes the sub-speaker, no need to add additional amplifier equipment. Amplifier module with independent volume adjustment, 3pin Phoenix terminal mono balanced input, RCA stereo input; built-in DSP optimization to ensure voice clarity; amplifier module contains overload protection, short circuit protection and other functions.

1.2 Product Features

- Integrated Class D digital amplifier, high efficiency and energy saving;
- Overload, short circuit, overheating protection circuit;
- Wall mounting design;
- Providing 3pin Phoenix terminal mono differential input;
- Provide DC 12V output;
- The main box pushes the sub box without additional amplifier equipment.

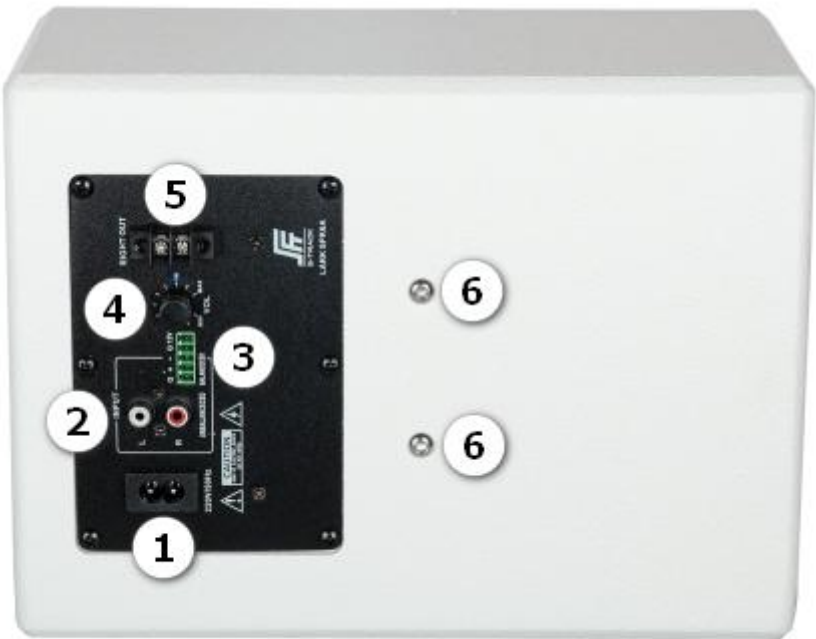
Chapter 2 Specification

Frequency Response (-10dB)	100~20kHz
Tweeter	1×20mm voice coil tweeter
Woofer	1×6", 25mm voice coil
Power Rating	60W
Sensitivity (1W/1M)	90dB
Maximum Sound Pressure Level	108dB (114dB Peak)
Impedance	4Ω

Audio Interface	Phoenix terminal balanced input; RCA stereo input; Speaker output terminals (output to sub speaker)
Salve Speaker r audio interface	Speaker terminal block
Power Supply	AC 220V/50Hz
Speaker Dimensions (H×W×D)	300×220×150mm
Package Dimensions (H×W×D)	430×280×365mm
Weight	8.5kg/Pair

Chapter 3 Interface Introduction

3.1 Master Speaker



- ① AC 220V/50Hz power connector;
- ② RCA stereo input connector;
- ③ 3pin Phoenix terminal mono balanced input connector + DC 12V power output connector;
- ④ Speaker output terminal: output to sub-speaker;

- ⑤ Speaker volume knob: main and sub speaker volume synchronization adjustment;
- ⑥ Wall mounting bracket mounting screw holes.

3.2 Salve Speaker

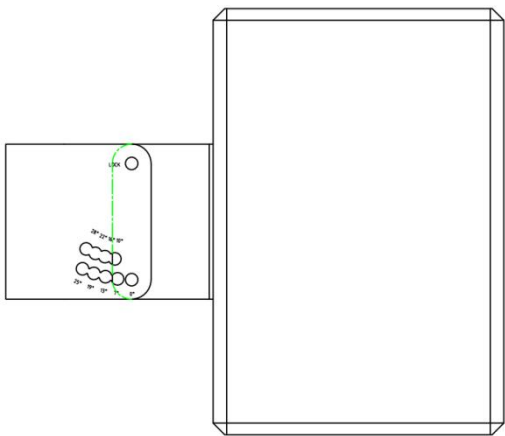


- ① Speaker input terminal;
- ② Wall bracket mounting screw holes.

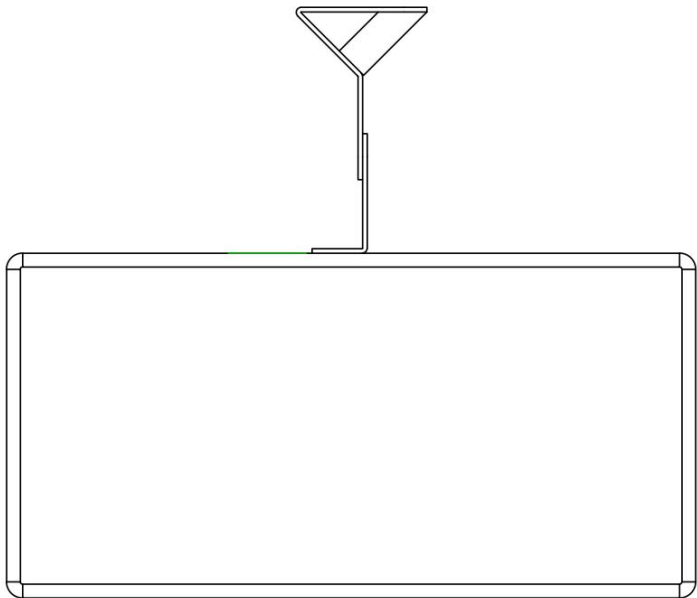
Chapter 4 Instructions for use

4.1 Wall Mounting

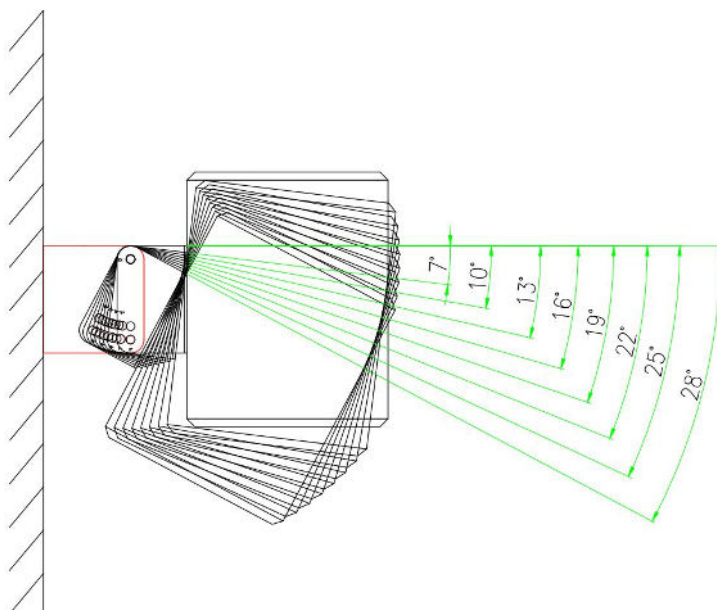
The LARK SPK6 speaker system is supplied with angle-adjustable wall mounting brackets for the following mounting options:



Mounting side view



Mounting top view



Wall mounting angle adjustment schematic

4.2 FAQ

4.2.1 No sound or low output sound pressure level

1. Speaker connection or port problems. Check that all cables and ports are properly connected and making good contact. Reconnecting the cables with a new cable that is sure to be good will confirm whether the fault is due to this cause;
2. Electronic equipment is not turned on or the levels are not set properly. Please double check the status of each level of equipment;
3. The speaker system is not working. Try to change a good speaker, if the failure is caused by this reason, please contact the after-sales service immediately.

4.2.2 Sound distortion

1. Power amplifier overload. Please reduce the input signal level;
2. Other electronic equipment overload. Please check each level of equipment carefully;
3. The speaker unit is not working properly. Please contact the after-sales service immediately.

Chapter 5 Packing List

NO.	Name	Quantities
-----	------	------------

1	LARK SPK6 (Master Speaker)	1
2	LARK SPK6 (Slave Speaker)	1
3	Wall Mount Bracket	2
4	User Manual	1
5	Certificate of Conformity	1
6	Warranty Card	1

Warranty Regulations

The warranty period of this product is 1 year.

In the warranty period of non-man-made damage caused by the product performance failure can enjoy three packages of service.

Warranty card by the sales unit stamped after the effective. The alteration is invalid!

The following conditions (including, but not limited to, this) are not covered by the three-package service:

1. No warranty card or missing valid invoice or the date has exceeded the validity period of the three packages of services;
2. Not in accordance with the requirements of the product instructions for use, maintenance, management and damage caused;
3. The product model or code on the warranty voucher does not match the physical goods;
4. Damage caused by the dismantling and repair of non-authorized service providers;
5. Normal discolouration, wear and tear and consumption during the use of the product are not covered by the warranty;
6. The product cannot be used due to the user's own network reasons, please consult customer service staff.



SHENZHEN S TRACK SCIENCE TECHNOLOGY CO., LTD

Web: www.s-track.com.cn

Tel: +86 755 29983191

Mail: service@s-track.cn

Add: 9F, 1B, Shangzhi Technology Park, Guangming District, Shenzhen City, Guangdong Province, China 518107