

Project Lone Pine



LP-UNF

ULTRA-NEARFIELD
Studio Monitoring System

Users' Guide

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Important Safety Information

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Power the product down, and unplug it from power before cleaning.
7. Clean only with a dry cloth.
8. Do not block any ventilation openings.
9. Keep ventilation opening free of dust or other matter.
10. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
11. No naked flame sources (such as lighted candles,) should be placed on the product.
12. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades, with one blade wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
13. Protect the power cord from being walked on or pinched, particularly at plugs, receptacles, and at the point where they exit the apparatus.
14. Use only attachments and/or accessories specified by the manufacturer.
15. Use only with a cart, stand, tripod, plate, bracket, or table specified by the manufacturer. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
16. Unplug this apparatus during lightning storms or when unused for long periods of time.
17. Refer all servicing to qualified service personnel. Servicing is required when:
 - A. The apparatus is damaged in any way
 - B. The power supply cord or plug is damaged
 - C. Liquid or other objects have fallen into the product
 - D. The product has been exposed to rain or moisture
 - E. The product does not operate normally
 - F. The product has been dropped
18. This apparatus shall not be exposed to dripping or splashing.
19. No object filled with liquids, such as a vase or a glass, should be placed on the apparatus.
20. This apparatus is to be used in a moderate climate. Do not expose to extremely high or low temperatures.
21. High sound pressure in excess of 85 dB can cause hearing damage and/or loss. Do not expose yourself to high sound pressure levels.
22. The power cord must be connected to a Mains socket/outlet with earthing connection.
23. This equipment is not suitable for use in locations where children are likely to be present.

Important Safety Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

"FCC RF Radiation Exposure Statement

Caution: To maintain compliance with the FCC's RF exposure guidelines, place the unit at least 20cm from nearby persons."

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

L'appareil ne doit pas produire de brouillage;

L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



The lightning bolt with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operation and maintaining (servicing) instructions in the literature accompanying the appliance.

About Your Speakers

Congratulations on your Kali Audio LP-UNF studio monitoring system! The LP-UNF is a unique product that creates a professional mixing environment at arm's length, allowing you to work effectively in places where space and the ability to make noise are at a premium. With the LP-UNF, if you have space to sit down, you have space for a studio.

What Does LP-UNF Mean?

The LP-UNF is part of our Project Lone Pine series of loudspeakers, and it shares its concentric midrange and tweeter with the IN-5 and IN-8. These loudspeakers offer an upgrade from traditional 2-way loudspeakers, giving producers and music makers a world-class monitoring solution at an excellent price.

UNF stands for "Ultra-Nearfield." The LP-UNF achieves reference level of 85 dB at just .8 meters, or arm's length. So you experience the mix to the fullest possible extent from the listening position, but you don't bother others around you.

Features

Desktop Monitoring and Boundary EQs

The LP-UNF has been developed specifically as desktop monitoring system. As such, the LP-UNF's tuning takes reflections from your desk into account, providing neutral sound in what is normally a difficult acoustic environment. Combined with the boundary EQs, which can be adjusted for the system's proximity to walls, this allows for reliable monitoring in a variety of tight spaces.

A full diagram of the boundary EQs and other user-definable parameters can be found on pages 14-17 of this manual.

Full Specifications

| | |
|---------------------------------|---|
| Self-Powered: | Yes |
| Amplifier Class: | D |
| Power Configuration: | 2-Channel, bi-amped |
| HF Power Per Channel: | 60W (Continuous) |
| LF Power Per Channel: | 100W (Continuous) |
| HF Driver: | 1-Inch Textile Dome Tweeter |
| | |
| LF Driver: | 4.5-Inch High-Excursion Woofer |
| Crossover: | 28000 Hz |
| | 2800 Hz |
| Frequency Response: (-10dB) | 39 Hz- 25 kHz |
| Frequency Range: (+/-3dB) | 47 Hz - 21 kHz |
| Recommended Listening Distance: | .8 meters |
| Max SPL: (Peak at 1M) | 103 dB |
| System THD: (85dB SPL at .8M) | <3% from 80 Hz to 1.7 kHz <2% above 1.7 kHz |
| Stereo Inputs: | RCA (Unbalanced, -10dBV) Bluetooth 5.3 USB-C (Digital) TRS (Balanced, +4dBu) |
| Conversion: | 24-bit/48kHz |
| Trims: | LF HF +/-2dB, LF +4dB |
| Height (each) | 11.6 Inches (29.4 cm) |
| Width (each) | 19.4 Inches (49.4cm) |
| | |
| Depth (each) | 6.25 Inches (15.8 cm) |
| Weight: | 25 lbs (11.2 kg) |

Troubleshooting

1. I opened the speaker, and it is damaged.

If you received a speaker that is obviously damaged, please contact your dealer immediately.

2. The speaker is making no sound.

- Is the speaker plugged in?
- Is the speaker turned on? There should be a blue LED on the front of the bass unit if it's on. If this light is off, the speaker may be turned off or the LED might be disengaged with the DIP switches.
- Is the volume turned up?
- Are all cables plugged in to both your playback device and the speaker?
- Are you passing audio via your playback device?

3. The speaker sounds distorted.

- Is the speaker playing too loud? Turn down the volume on the back of the speaker. If the distortion goes away, you may be playing the speaker too loud. Besides the problem of distortion, this can be damaging to your hearing if you are close to the speaker.
- Is your source too loud? Turn the volume down at your source device. If the distortion goes away, you may be overdriving the input. If this is the case, turn the volume of the speaker up and turn your source down.

4. I hear cracks, hums, or buzzing.

- Are you using RCA?
 - a. If "yes," be advised that RCA is an unbalanced connection, and is prone to picking up noise as signal travels through the cable. This is especially true if you are using very long RCA cables.
- Is the speaker close to electronics like a television, wireless router, phone, motor, or radio? If so, these can interact with the speaker's magnet in ways that cause unwanted noise. Try moving the speaker at least .5 Meters (20 inches) from any such devices.
- Are there loose objects in the room that may be buzzing with the bass? Low frequencies can cause objects in a room to vibrate loudly. Make sure that small, hard objects like screws and other hardware are secure.
- Do you hear the offending sound with nothing plugged into the inputs? If no, there is an issue elsewhere in your signal chain that you'll need to troubleshoot.

5. I cannot adjust the volume via my computer.

- If you're using a Windows computer, restart the computer. Make sure that you have the newest audio drivers installed.

If you're still having trouble, contact Kali's customer service for help!

Warranty

What does this warranty cover?

This warranty covers defects in materials or workmanship for a period of one year (365 days) after the purchase date of the product.

What will Kali do?

If your product is defective (materials or workmanship,) Kali will replace or repair the product at our discretion - free of charge.

How do you initiate a warranty claim?

Contact the retailer from whom you bought the product to initiate a warranty process. You will need the original receipt showing the date of purchase. The retailer may ask you to provide specific details about the nature of the defect.

What is not covered?

The following cases are NOT covered by this warranty:

- Damage from shipping
- Damage from dropping or otherwise mishandling the speakers
- Damage resulting from failure to heed any of the warnings outlined on pages 3 and 4 of the user's manual, including:
 1. Water damage.
 2. Damage from foreign substances or substances entering the port tube.
 3. Damage resulting from an unauthorized person servicing the product.
 4. Damage resulting from the product being left plugged in during an electrical storm.

The warranty applies only in the United States. International Customers should contact their dealer about their warranty policy.