



**BEDIENUNGSANLEITUNG/ USER MANUAL**

**Lemur5**

***WWW.MONKEY-BANANA.DE***

**WELCOME**  
TO THE  
MONKEY BANANA

*Family*





## MONKEY TREE

MonkeyTree 75/100cm is the natural home for our species. The Monkeys feel well while standing relaxed and decoupled from the ground. Our Monkeys love Heavy Metal - that's why we made the MonkeyTree out of massive Material to guarantee a solid stand. One carton contents 1 Pair of MonkeyTree

Weight: 12kg / 26,46 lb  
Dimensions: L 360mm x W 270mm x H 790mm  
14,17 inch x 10,63 inch x 31.11 inch

Weight: 12,5kg / 27,56 lb  
Dimensions: L 360mm x W 270mm x H 1040mm  
14,17 inch x 10,63 inch x 40.95 inch



## MONKEY WALL

Monkey Wall is the perfect wall mount for your Monkey Banana Speakers. It fits to Turbo 4, Turbo 5 and Turbo 6 and guarantees the optimal distance to the wall as well as the perfect mounted angle.

You can fit the side and the downward angle.  
One carton contents 1 Pair of MonkeyWall

Weight: 2.4kgs / 5.29lb  
Dimensions: L350 x W135 x H112 mm  
13.8 x 5.3 x 4.4 in



## MONKEY BASE

Monkey Base helps to adjust your monitor settings to each mixing environment you work in. More accuracy in sound as well as three different possibilities for better sonic direction directly to your ears can help you to get add on control over your mix.

Monkey Base comes with 3 different acoustic foams :  
10° Uphill-Base | Flat-Base | 5° Downhill-Base.

Weight: 2.1 kgs / 4.63lb

### Dimensions

L: 241 mm / 9,5 in  
W: 190 mm / 7,5 in  
H: 47,5 mm / 1,9" | 69,8 - 49,3mm / 2,75 - 1,9 in |  
32,8 - 73,3mm / 1,2-2,9 in

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# IMPORTANT SAFETY INSTRUCTIONS



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. Clean only with dry cloth.
7. Do not block any ventilation openings.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding pin. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use with caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug the apparatus during lightning storms or when unused for long period of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus have been exposed to rain or moisture, does not operate normally, or has been dropped.

15. Please keep the unit in a good ventilation environment.
16. **WARNING:** Do not install this equipment in a confined space such as a book case or similar unit. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tableclothes curtains etc
17. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on apparatus.
18. **WARNING:** The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

## IMPORTANT SAFETY INSTRUCTION



The lightning flash with the arrowhead symbol in an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" inside the appliance that may be of sufficient magnitude to constitute a risk of electric shock.



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

# BRIEF INTRODUCTION



Thank you for choosing the Monkey Banana Lemur5 professional Studio Reference Monitors. In these pages, you'll find a detailed description of the features of the Lemur5, step-by-step instructions for its setup and use, and full specifications. You'll also find a warranty card enclosed—please don't forget to fill it out and mail it in so that you can receive online technical support and we can send you updated information about these and other Monkey Banana products in the future.

With proper care and adequate air circulation, your Lemur5 Speaker will operate trouble free for many years. We recommend you record your serial number in warranty card provided for future reference. The Lemur5 Monitors were designed and tested by veteran audio engineers to meet your needs in a studio monitoring environment. The Lemur5 monitor is self-powered, directly accepting a signals from a variety of sources.

The Lemur5 Monitors were designed to overcome all the limitations of conventional studio reference monitors within the audio environment. This system delivers a wide-range frequency response by employing two extraordinary drivers and unique crossover technology. It boasts a stable and balanced low-mid frequency response along with a defined mid and high-frequency response as well. Both drivers are magnetically shielded for desktop music production.

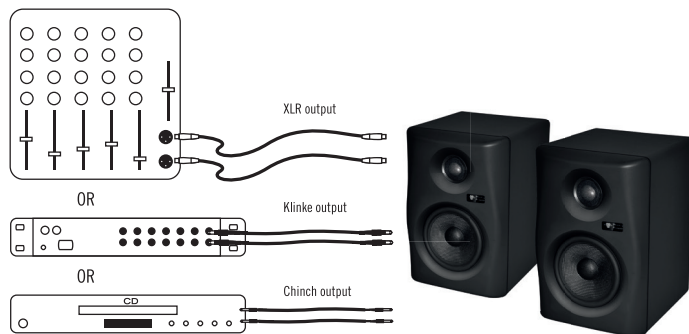
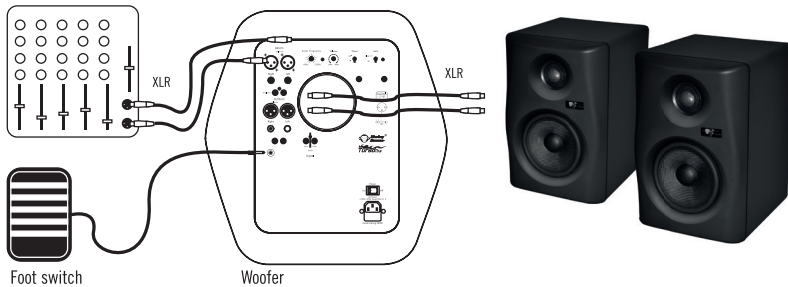
## WHAT'S IN THE BOX?

- One Lemur5 speaker
- One detachable AC power cord
- This manual

## SETTING UP YOUR SYSTEM

1. For optimal performance of the Lemur5, please read the following thoroughly and carefully prior to installation.
2. Unpacking: Please do not touch the speaker cones. The Lemur5 set is packaged in the box tightly, so your attention is required when taking the monitors out of the boxes. To avoid possible damage to the speaker units, hold both sides of the monitor in order to pull it out of the box. The speaker cones should not be touched in order to avoid damage even after they are out of the box.
3. Placement: Placing the speakers is one of the most important procedures in order to monitor sound accurately. To monitor with the Lemur5 performing to their maximum capability, an appropriate listening environment and correct placement are required. Please refer to the following for correct Lemur5 placement.

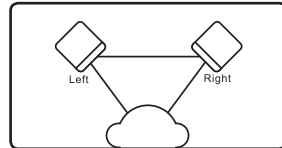
Mixing console with XLR output



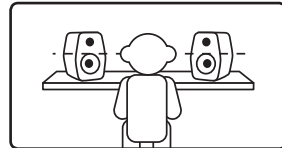


### SETTING UP YOUR SYSTEM 2.0- System:

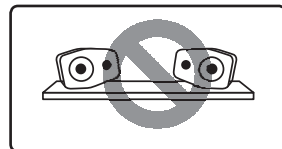
The two units and the listener should basically align to form a regular triangle. Refer to the following diagram.



Position the monitors so that the top of the woofers are level with your ears in a normal listening environment. Refer to the following diagram.



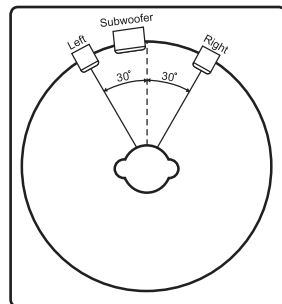
Place the Lemur5 vertically with the woofer at the bottom. Placing the Lemur5 horizontally are not recommended.



### SETTING UP YOUR SYSTEM 2.1- System: (WOOFER)

In two channel with Subwoofer production applications, the common listening distance is generally 1 to 1.5 meters from the left and right speakers. The speakers should be placed so the position of the listener and the two speakers form an equilateral triangle. Refer to the diagram.

Left 30 degree to listening position – Subwoofer centered - Right 30 Degree to listening position

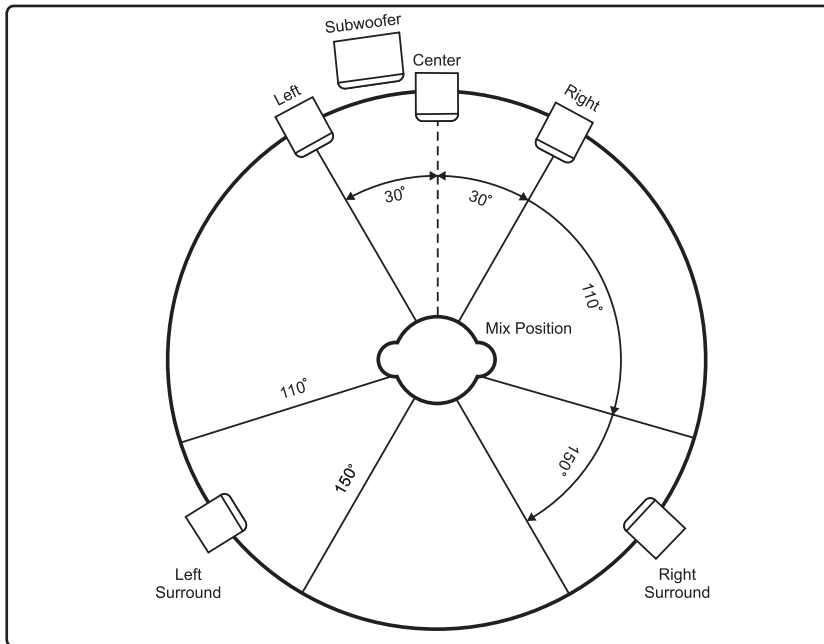


## HOW TO SET UP A 5.1 SYSTEM:

Connect the single outputs of your audio interface or your surround encoder with the speakers. In 5.1 Surround Sound production, the listening distance for all speakers from any speaker is typically 1.5 to 2 meters. The placement of the left and right speakers should form an equilateral triangle with the mix position. The center speaker should be placed half way between the left and right speakers at exactly the same distance from the mix position. The left surround and right surround speakers should be placed the same distance as the left, center and right speakers, and positioned 110 degrees to 150 degrees relative to the center speaker. The distance and position of the subwoofer can be adjusted to produce best bass response in the room. Refer to the following diagram.

### 5.1 Surround Sound System

Remarks: Do not place any obstacles that may block the flow of air in front or between the Lemur5. Also remove reflective materials such as glass, mirrors or metal from the monitoring environment. Place those materials away from the path of the sound from the Lemur5.



## LEMUR5 FEATURES

### SYSTEM

Designed as compact near field monitor it allows to work in a very narrow triangle sweet spot to compensate the lack of space most users are facing.

This studio monitor is equipped with a aluminium dome tweeter to guarantee stress less mixing sessions with high resolution over a long period. Lemur5 speakers integrates a Kevlar cone for low frequency response.

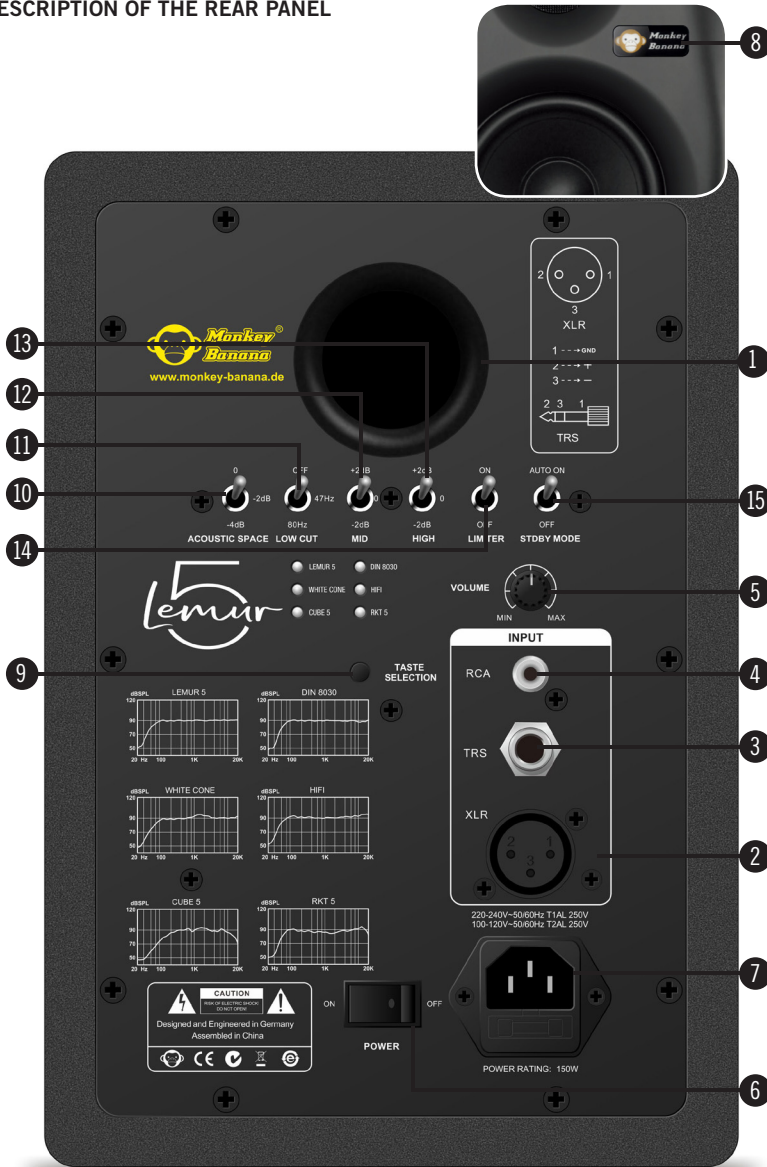
The Lemur5 is Class D powered and DSP controlled. HF as well as LF are supplied with power from separate amplifiers customized to reach the maximum performance of the tweeter and woofer.

### FEATURES OF THE REAR PANEL

1. Vent Port
2. XLR Input(+4dBu):This input accepts XLR type connectors. Connect your audio interface, mixer, or other line-level audio source to this input.
3. TRS 6,3 mm Input(+4dBu):This input accepts TRS 6,3mm type connectors. Connect your audio interface, mixer, or other line-level audio source to this input.
4. RCA Input (-10dBv):The RCA input accepts unbalanced signals used to connect signals from unbalanced -10dB devices.
5. Volume Knob: This knob adjusts the gain level. When operating the unit for the first time, start with the volume control set all the way off. Slowly raise the volume control to reach a comfortable listening level.
6. Power Switch:This switch powers on and off.
7. AC Inlet:This socket accepts a standard IEC-type power cable.
8. LED Logo : The Monkey Banana Logo will be lighted as soon a signal source is playing. after 12 min without ( no signal is playing) the speaker turns into Standby Mode, the Logo will be dimmed; the speaker is in "Jungle Protect" - according to [European Directive 2014/35/EU]. As soon signal is played again the speaker turns immediately on, the Logo will be enlightened
9. Taste Selection: Press this button to jump to the next preset. LED indicates the preset.
10. Acoustic Space: To compensate different sized rooms and close wall or free stand applications.
11. Low Cut: Select the starting point frequency of the Cut Off in 3 steps. Helpful when you like to operate the Lemur5 in a subwoofer application.
12. MID : Midrange bell filter adjustment
13. HIGH: High shelf filter .
14. Limiter: On / Off
15. STDBY: Standby Mode ON / Off

In ON Mode the Lemur5 turns into Standby after 12 min without signal ( no signal is playing), the Logo will be dimmed.

## DESCRIPTION OF THE REAR PANEL





## TECHNICAL SPECIFICATIONS

Type:	2-way active nearfield studio monitor with DSP
Woofer:	5 ¼ - inch Kevlar cone
Tweeter:	1-inch aluminium dome tweeter
Amplifiers:	Class D
Frequency Response:	55Hz–30KHz
Function:	6 different presets available. 3 Step Low Cut, Midrange bell Filter, High Shelving Filter, Limiter On/Off Function , Standby On/Off Function
Crossover:	2,8KHz
Power LF Amp:	80W
Power HF Amp:	30W
S/N Ratio (A weighted)	HF/LF: >90dB/95dB
THD+N @Rated Power:	HF/LF 0.05%/0.02%
Inputs:	XLR balanced, TRS 6,3mm balanced, RCA unbalanced
Input Impedance:	20 kOhm balanced, 10 kOhm unbalanced
Input Sensitivity:	+4dBu(balanced), -10dBv(unbalanced)
Voltage supply:	100V-240V ~ 50/60Hz
Weight:	4,45kg / 9,81lb
Measurements:	190mm x 277mm x 214.5mm 7,48" x 8,94" x 8,45"

**Dear customer,**

All Monkey Banana Products are shipped out free from defects in material and workmanship. The one year warranty period (as shown on the original sales receipt with serial number affixed/written on it) is valid only if the product is from the original MONKEY BANANA Company, the warranty return card is properly filled out and sent to the official agent of MONKEY BANANA Company.

The official agent will collect the warranty return card together with the defective speaker and send back to MONKEY BANANA Company for repairing. MONKEY BANANA Company owns the final right to reject any RMA products from the agent/purchaser without any contacting first!

Products (sent for repair) that are tested by MONKEY BANANA professional technicians and deemed to have no problems will not be covered to the limited warranty. Customer must pay for the labor and freight both ways.

1. Defective products/parts have not been altered or repaired by other than Original MONKEY BANANA Company.
2. Products/parts are not subjected to negligence, misuse, improper use, or accident, damaged by improper line voltage, used with incompatible products, or have its serial number or any part of it altered, defaced, removed or have been used in any way that is contrary to MONKEY BANANA's written instructions.
3. Product repaired, the warranty period based upon the original product warranty period of calculation; if the product is repaired and return date from the end of repair is less than a month, from the date of return the product after repaired do have one-month free warranty period.



## **D.WARRANTY LIMITATIONS**

MONKEY BANANA warranty does not cover products that have been modified and/or abused, including but not limited to the following:

1. Damages to speaker cabinet and cabinet finish due to misuse, abuse, or improper use of cleaning material/methods, Bent speaker frame, broken speaker connectors, holes in speaker cone, surround and dust cap, burnt speaker voice coil, due not to follow the manual consciously.
2. Any damage caused by the accident, misuse or improper use, negligence, burnt, soak, abrasion, rust or dip-dye, lightning strike and other force majeure.
3. Without the official instruction from our technical engineers, fading, deterioration of speaker components and finish due to improper exposure to elements.
4. Bent Amplifier casing, damaged finished casing due to misuse, abuse or improper use of the cleaning material.
5. Burnt tracers on PCB due to improper use.
6. Product/part damaged due to poor package or abusive shipping conditions.
7. Subsequent damage to other products.
8. To alter on the original series number label or completely without series number.
9. Any accessories from MONKEY BANANA Company do not include in the warranty service. A warranty claim will not be valid if the warranty return card is not properly filled and returned to the official agent of MONKEY BANANA with a copy of the sales invoice.

## **E. Service Request:**

To received product(s) service, please shipping the defective product back to the official agent of MONKEY BANANA Company after you have got the RMA number from them. Make sure you provide us with your complete and correct contact information. In most cases, our technicians might be able to resolve the problem over the phone, thus eliminating the need to ship the product.

## **F.Shipping Instruction:**

Product(s) must be packed in its original protective box(es) to minimize transport damage.

## **G.Disputes Resolution:**

All disputes-between clients and MONKEY BANANA Company-resulting from the limited warranty policy resolved according to the laws and regulations of Germany.

## **H.Other Instructions:**

MONKEY BANANA company will not be responsible for any misfeasance / benefit loss which caused by our products.

MONKEY BANANA Company owns the final right for the explanation of this warranty card. Products shall be subject to any changes without notices.

## Service & Contact



Manufacturer:  
Future Beat Industries GmbH  
Pforzheimer Straße 39, 75210 Kelttern  
Germany

Tel: +49-(0)7236 – 98 21 08-0  
Fax: +49-(0)7236 – 98 21 08-3  
E-Mail: [info@monkey-banana.de](mailto:info@monkey-banana.de)

[www.monkey-banana.de](http://www.monkey-banana.de)



The Name and the Logo „Monkey Banana“ is a registered Trademark of Future Beat Industries GmbH  
All rights reserved and based on our general business terms



# RETURN FORM

## IMPORTANT NOTICE:

Please do not return any goods without contacting us first.

Please fill in this form carefully, before contacting us.

The more information we have, the more quickly we are able to process your returns.

Thank you very much for the cooperation.

Product: \_\_\_\_\_

Invoice No: \_\_\_\_\_

Date of invoice: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Contact Address: \_\_\_\_\_

Contact Tel: \_\_\_\_\_

Cause of Return: \_\_\_\_\_

Please state the cause of your return, This data simplifies the handling of your request.

1. Incorrect delivery address

2. Return of good, what did you dislike:

Visual appearance

Sound/Output

Other reason:

3. Defect (visual):

Dents/Scratches

Rattling (loose part)

Grid deformed/broken

Quality of the finish

Screw thread askew

4. Defect (technical):

LED defect

loudspeaker hums

No sound from speaker

Sound distortion/incorrect

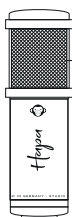
# RECORD YOUR MUSIC WITH MONKEY BANANA STUDIO MICROPHONES



## MANGABEY

Tube Condenser Studio Microphone

Type:	Large Diaphragm Tube Condenser Studio Microphone
Capsule:	34 mm Condenser
Tube:	Hand selected 12AX7 Tube
Polar Pattern:	/Omni directional/ cardioid / figure 8/ 6 inter-mediate states.
Frequency Response:	20 Hz – 20 kHz
Max Input SPL:	135dB (@ 1 kHz $\_ / < 1\%$ T.H.D.)
Output Impedance:	100 Ohm (+/-30%) (@ 1 kHz)
Sensitivity:	-34 dB $\pm 2$ dB (0dB=1V/Pa @ 1 kHz)
S/N Ratio:	80 dB
Power Supply Unit:	external PSU (110-120 V / 220-240 V, 50 Hz/60 Hz)
Weight:	760 g (Microphone)
Measurements mic:	Length 181 mm, Diameter 51 mm
Weight PSU:	1700 g
Measurements PSU:	L 190 x W 130 x H 88 mm
Total Net Weight:	3, 05 kg
Total Gross Weight:	3, 25 kg
Packing Dimensions:	L 385 x W 310 x H 105mm



## HAPA

Studio und Podcasting Microphone

Type:	Electret (Back Electret) Condenser Microphone
Capsule:	14 mm Electret Capsule
Polar Pattern:	cardioid
Frequency Response:	28 Hz – 20 kHz
Max Input SPL:	138dB (@ 1 kHz $\_ / < 1\%$ T.H.D.)
Output Impedance:	100 Ohm (+/-30%) (@1kHz)
Sensitivity:	-32dB(0dB=1V/Pa at 1kHz)
Connector:	USB
Total Net Weight:	810 g
Total Gross Weight:	980 g
Packing Dimensions:	L 255mm x W 204mm x H 105mm



**Monkey  
Banana**

**Lemur**

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