

User Manual

USER MANUAL(English)-----E1-E8

Bedienungsanleitung(Deutsch)-----D1-D8

Contents

1. Features/Overview.....	E1
2. Important Safety Instruction.....	E2
3. Parts Description.....	E3-E4
4. Notes on Battery.....	E5
5. How to connect Cube 50.....	E6-E7
6.Specifications.....	E8

Features

- Line input (RCA Type)
- Microphone input (6.35 Phone jack)
- Wireless Microphone (VHF Band)
- TALKOVER for your vocal priority
- Individual Volume control for Mic/Line/Wireless Mic
- Master Volume with Power Switch and Tone
- 12V4Ah Battery powered. With charging indicator and over-discharging protection.
- 5.25 “speaker 4Ω

Overview

DJ-Tech Cube 50 lets you easily enjoy your personal soundtrack anywhere.






This sound system features one 'line input', just connect MP3/CD and so on with one RCA cable then you can start the party!

Built-in all what you need to have be mobile: rechargeable battery which last for more than 12 hours, a 3-Channel mixer with talkover function and strong cabinet in particle board with carpet for all the sound trip that you will enjoy.

Cube 50 will be your very best partner for your commercial, school, church, seminar or Karaoke. Rock your MP3/CD, and bring your sound everywhere, anywhere.

Thank you, and congratulations on your choice of DJ Tech Cube 50!

IMPORTANT SAFETY INSTRUCTIONS

<div><div>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</div></div>	
<div><div>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.</div></div>	<div><div>The lightning flash with arrowhead symbol inside an equilateral triangle is intended to alert User that the presence of uninsulated "hazardous voltage" within the product's enclosure, which may be of sufficient magnitude to induce a risk of electric shock to persons.</div><div>The exclamation mark inside an equilateral triangle is intended to alert user that the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.</div></div>
	<div><div>This symbol means that this unit is double insulated. An earth or ground connection is not required.</div></div>
<div><div><div><div>1. Read these instructions.</div><div>2. Keep these instructions.</div><div>3. Heed all warnings.</div><div>4. Follow all instructions.</div><div>5. Do not use this apparatus near water.</div><div>6. Clean only with dry cloth.</div><div>7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.</div><div>8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.</div><div>9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one 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.</div><div>10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.</div></div><div><div>11. Only use attachments/accessories specified by the manufacturer.</div><div>12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.</div><div>13. Unplug this apparatus during lightning storms or when unused for long periods of time.</div><div>14. Refer all servicing to qualified service 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, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.</div><div>15. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.</div><div>16. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.</div><div>17. The MAINS plug is used as the disconnect device, which shall remain readily operable.</div></div></div></div>	

FCC part 15.21

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.

FCC part 15.105

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.

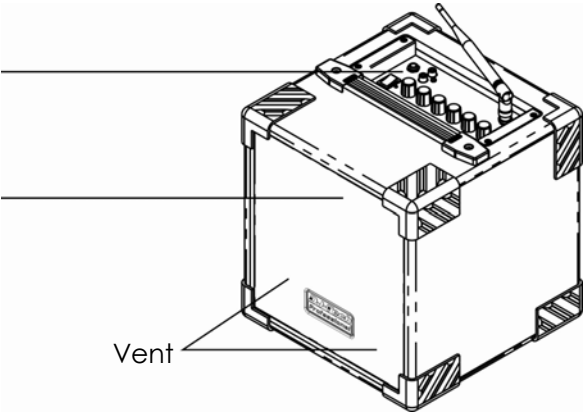
This model comply with Annex IV of the R&TE Directive 1999/5/EC of 9 March,1999 and gees the approval mark CE 1177

Parts Description

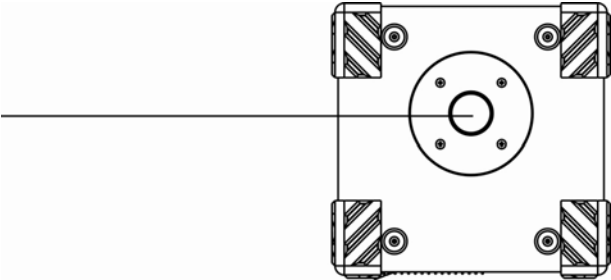
Control panel

Grille

Vent

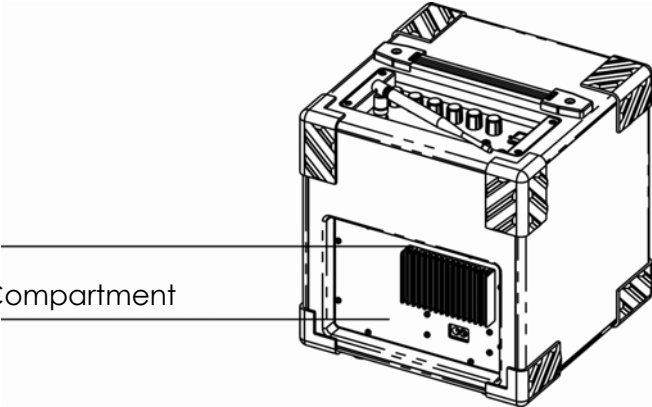


Stand base

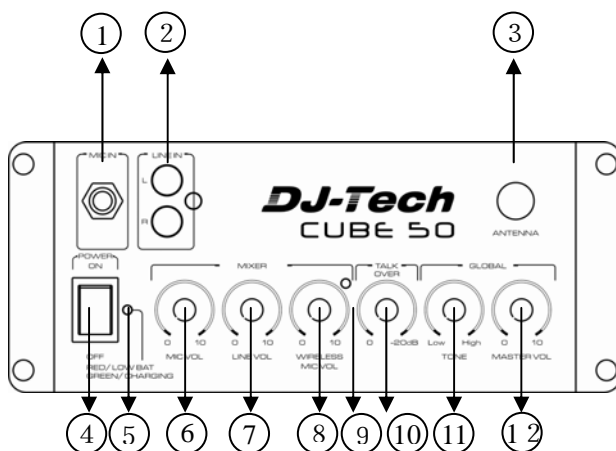


Heat sink

Battery Compartment



Parts Description



1. MIC input(6.35 Phone jack)

This jack can take either a 6.3mm unbalanced or a balanced cable.

2. Line input (RCA)

You can connect your device to this socket with the RCA cable

3. Wireless MIC Receiver antenna

Connect the Antenna here.

4. Power Switch and Power indicator

This switch works as ON/OFF switch and shows the ON/OFF status of Cube 50.

5. Charging indicator

It shows the charging status: Red = Low Battery (20% left), Green = Charging

6. MIC Volume

Turn MIC volume knob to adjust the volume, do not aim the microphone to the speaker

7. Line Volume

This knob controls the volume of the RCA input.

8. Wireless MIC Volume

Turn this knob to adjust the wireless microphone volume

9. Wireless MIC RF Indicator

It shows the connectivity of the wireless microphone,
(Green = Good signal strength, Off = Wireless signal is not detected)

10. Talkover

When talkover is ON and signal on microphone is significant, music from AUX and iPod will be attenuated.

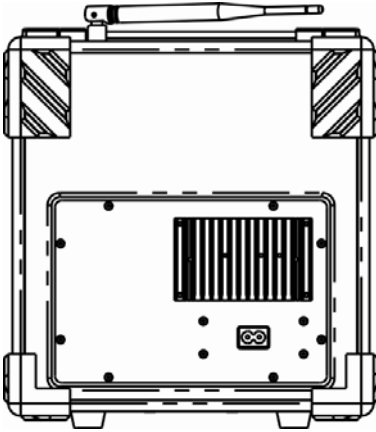
11. Master Tone

This knob controls master output tone of the Cube 50.

12. Master Volume

This knob controls the master volume

Notes on Battery



Charging Indicator

Battery is being charged when AC source is connected.

Green LED will flash when charging and remain ON after fully charged.

Red LED will be lightened when battery level is low at 20% left.

Low-Battery Protection

Power will be cut automatically when battery is too low to operate. User has to connect Cube 50 to AC source in order to charge and operate.

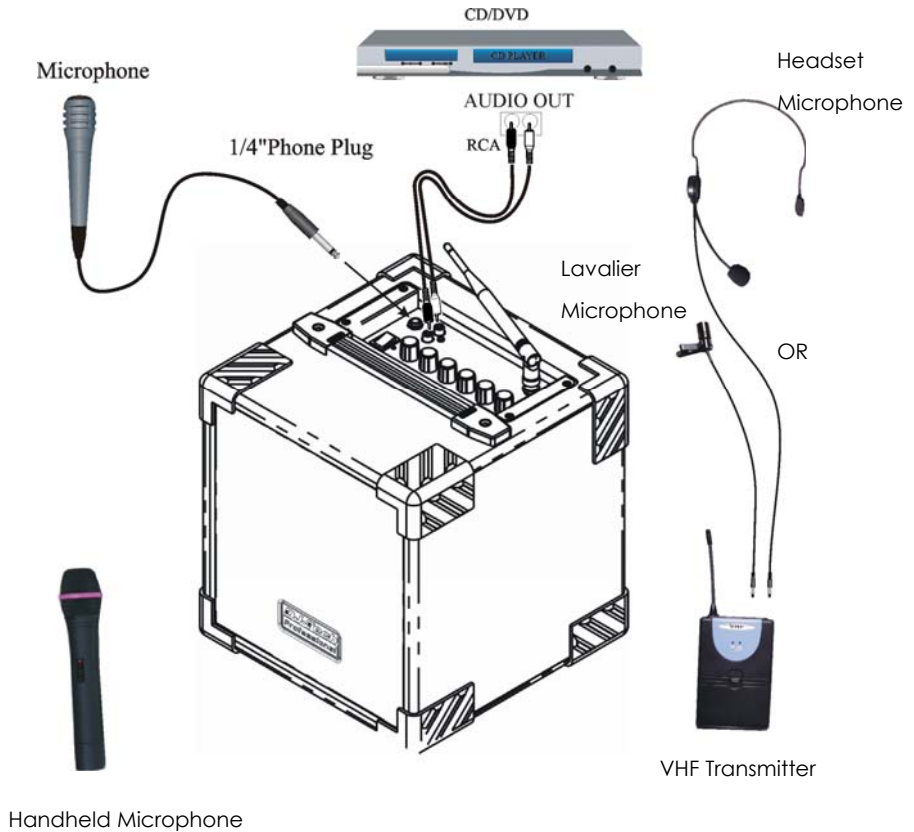
Notes:

1. When the unit has not been used for 2 months continually, please connect it to AC and charge for 8 hours, and charge for 48 hours at the first- time using. This protects the battery capability and extends the lifetime.
2. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
3. The unit remains operable even the AC is disconnected.

WARNING

Please do not attempt to open the back cover or power adapter as opening or removing the covers may expose you to dangerous voltage or other hazards, and it will also cause the restricted servicing to be disabled. There is no user servicing components inside.

How to Connect Cube 50



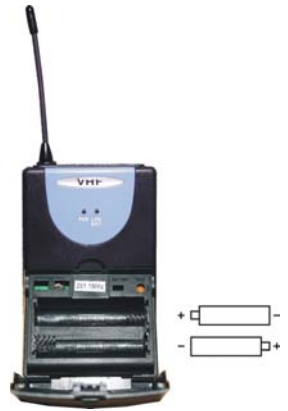
Using the Handheld VHF Microphone :

1. Twist the lid at the microphone bottom,
2. Insert a new 9V battery. (Be aware the battery polarity)
(Please replace a new battery when the indicator on microphone is shown red)
3. Twist and close the lid.
4. Turn the switch to the top position, indicator will shown Green
5. Turn the Wireless Mic volume on the Cube 50
6. Ready to talk/Sing with your VHF microphone

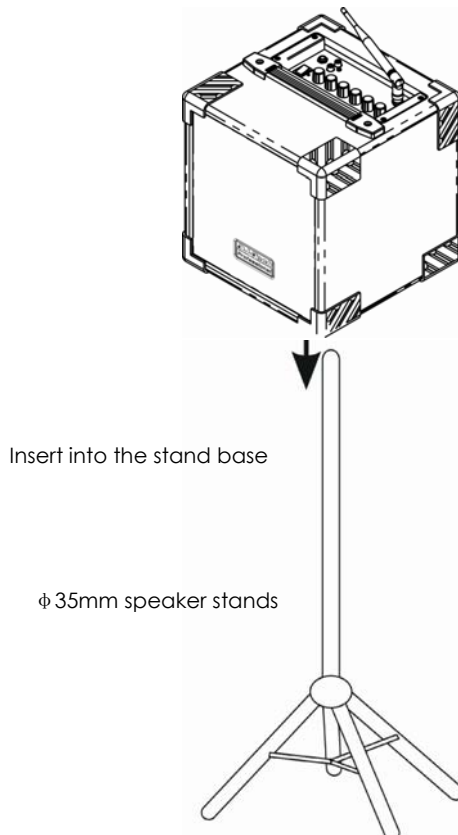
Using the VHF Transmitter :

- 1- Open the cover at bottom and insert 2 AA batteries
- 2- Plug in the Lavalier or Headset Microphone
- 3- Switch ON the transmitter, the 'Low Batt' LED will be lighten in red when battery is low.
- 4- Turn the Wireless Mic volume on the Cube 50
- 5- Ready to talk with your Lavalier / Headset microphone.

Note : DON'T use handheld Microphone and VHF transmitter at the same time.



Installing Cube 50 on stand



***Speaker stands are not included.**

Specification

Speaker Unit.....5.25"4Ω
Maximum Power Output.....50W

Rated Power Output

Storage battery and Power supplied cell.....9W TED=1 %
AC power consumption.....20W THD=1 %
Distortion.....≤0.5%
S/N Ratio.....≥80dB
Frequency Response.....40Hz~20KHz

Input Sensitivity

MIC.....10mV
Line.....550 mV

Wireless Microphone:

Channel Frequency.....186.5MHz
Modulation.....FM
Frequency Stability.....±10KHz
TX Power.....Under 10dBm
Transmission Distance.....Direct - ≥15m/ Indirect - ≥8m

Power Supply.....100-240V~50/60Hz
Dimensions(W×D×H)272×269×291mm
Weight.....8.3kg
Max Power Consumption.....60W

All features and specifications are subject to change without notice.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems).

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.



Inhalt

1.Funktionen/Übersicht	D1
2.Wichtige Sicherheitshinweise	D2
3.Teilebeschreibung	D3-D4
4.Hinweise zu den Batterien	D5
5.Cube 50 verbinden	D6-D7
6.Datenblatt	D8

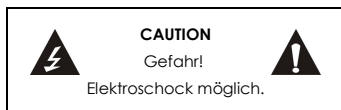
Funktionen

- Cinch-Eingang
- Mikrofon-Eingang (6.35mm Klinke-Anschluss)
- Kabelloses Mikrofon (VHF)
- TALKOVER für vokale Priorität
- Individuelle Lautstärkenkontrolle für Mikrofon/Eingänge/kabelloses Mikrofon
- Hauptlautstärke mit An/Aus-Schalter
- 12V4Ah Batterien. Mit Ladeanzeige und Überladungsschutz.
- 5.25“ Lautsprecher 4Ω

Übersicht

Mit dem Line-In-Anschluss können Sie Ihren MP3-/CD-Player anschließen.
Die eingebaute, wiederaufladbare Batterie hält für mehr als 12 Stunden.
Das Gerät verfügt über einen 3-Kanal-Mixer mit TALK OVER-Funktion und
über ein stabiles mit Teppich bezogenes Gehäuse.

Wichtige Sicherheitshinweise



Sehr geehrter Kunde,

zunächst möchten wir Ihnen zum Erwerb Ihres Gerätes gratulieren.

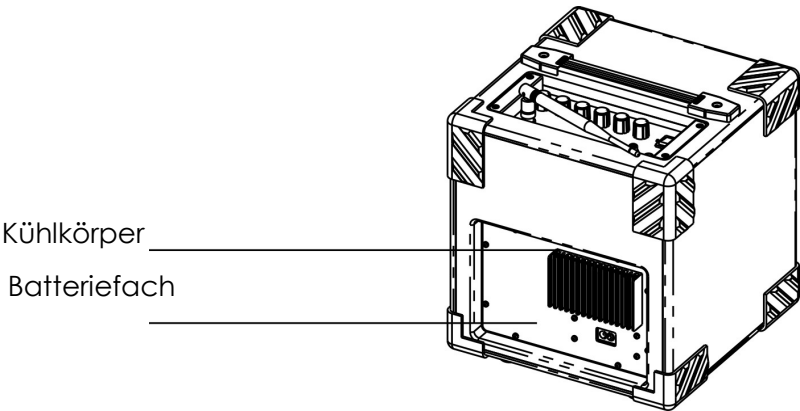
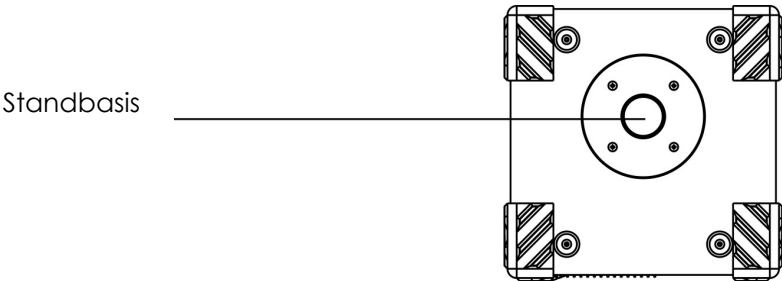
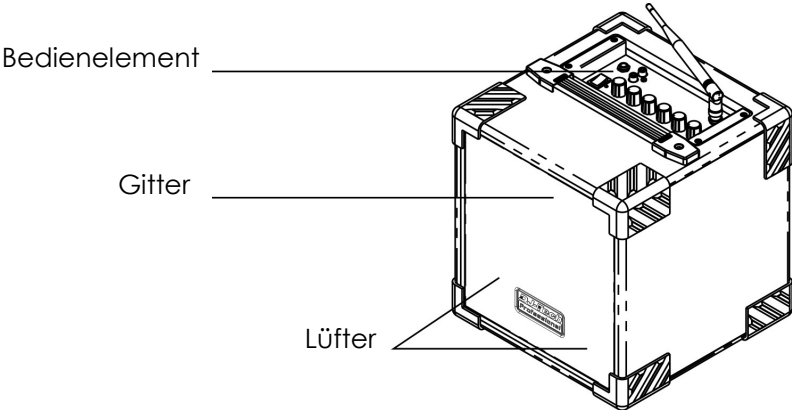
Bitte lesen Sie die folgenden Anschluss- und Anwendungshinweise sorgfältig durch und befolgen Sie diese um möglichen technischen Schäden vorzubeugen.

Warnhinweise

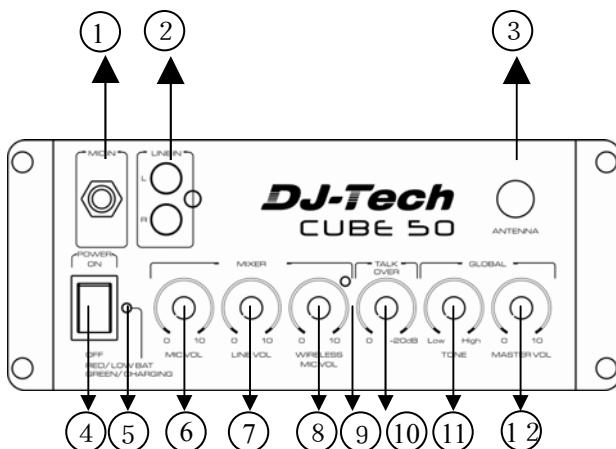
- Reparaturen am Gerät sollten nur von einer autorisierten Fachwerkstatt durchgeführt werden.
- Öffnen Sie in keinem Fall das Gerät.
- Falscher Zusammenbau führt möglicherweise zu Fehlfunktionen oder dem Totalausfall.
- Das Gerät sollte vor jeglichen Feuchtigkeiten und direkter Sonneneinstrahlung geschützt werden.
- Das Gerät bitte nicht mit Reinigungsmitteln reinigen.
- Verwenden Sie zur Reinigung nur ein trockenes (Mikrofaser) Tuch.
- Schließen Sie das Gerät nur an die dafür vorgesehene Netz oder PKW Bordspannung an.
- Schließen Sie das Gerät in **keinem Fall** an andere Spannungen als vorgesehen an.

Die Gewährleistung verfällt bei Fremdeingriffen in das Gerät.

Teile-Beschreibung



Teile-Beschreibung



1. Mikrofon-Eingang (6.35mm Klinke-Anschluss)

2. Cinch-Eingang (Line-In)

3. Kabellose Mikrofon-Receiver-Antenne

4. An/Aus-Schalter und Indikator

5. Batterie-Ladeanzeige

6. Mikrofon-Lautstärke

7. Line-In Lautstärke

8. Kabelloses Mikrofon-Lautstärke

9. Kabelloses Mikrofon RF Indikator

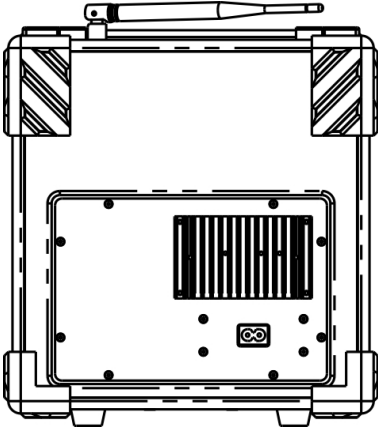
(Grün= starkes Signal, Aus = keine Verbindung)

10. Talkover

11. Master Ton

12. Master Volume

Hinweise zur Batterie



Ladeanzeige

Geladen wird beim angeschlossenen Strom.

Grüne LED → während der Ladung und danach

Rote LED → Batteriestand unter 20%

schwache Batterie-Schutz

Das Gerät schaltet sich ab, wenn die Batterie zu schwach ist.

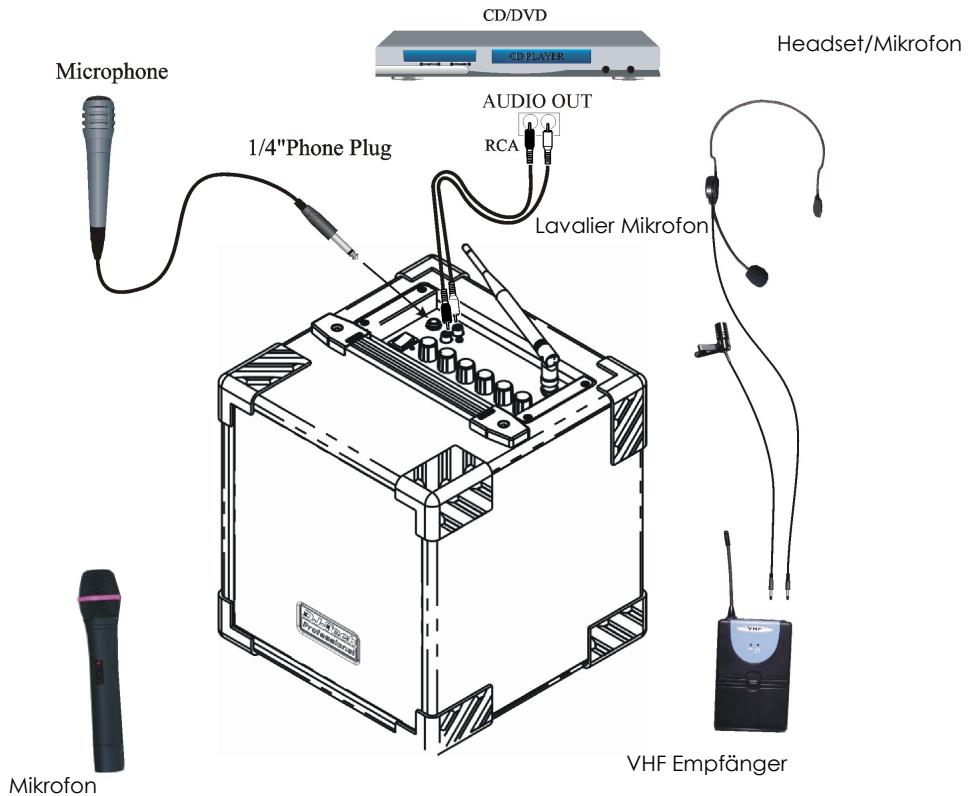
Notiz:

1. Falls Sie das Gerät für über 2 Monate nicht genutzt haben, laden Sie die Batterie bitte erst für 8 Stunden und dann für 48 Stunden. Dies erhöht die Lebensdauer der Batterie.
2. Setzen Sie die Batterie keiner starken Hitze oder Sonnenlicht aus.
3. Das Gerät kann auch ohne Stromversorgung (AC) betrieben werden.

WARNUNG

Bitte öffnen Sie nicht die Abdeckung des Gerätes (Hochspannung).

Verbindung des Cube 50



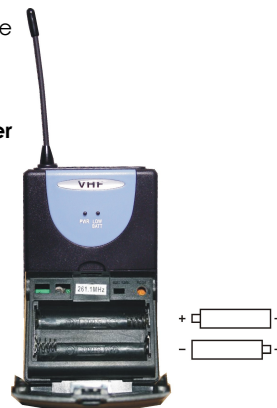
Gebrauch des Handmikrofons:

1. Schrauben Sie die Kappe an der Unterseite des Mikrofons ab.
2. Legen Sie eine neue 9V Batterie ein. (Polarität beachten)
3. Schrauben Sie die Kappe wieder auf.
4. Schalten Sie den Schalter auf die oberste Position, die Anzeige wird grün.
5. Regeln Sie die kabellose Mikrofon-Lautstärke am Cube 50.
6. Das Mikrofon ist nun bereit.

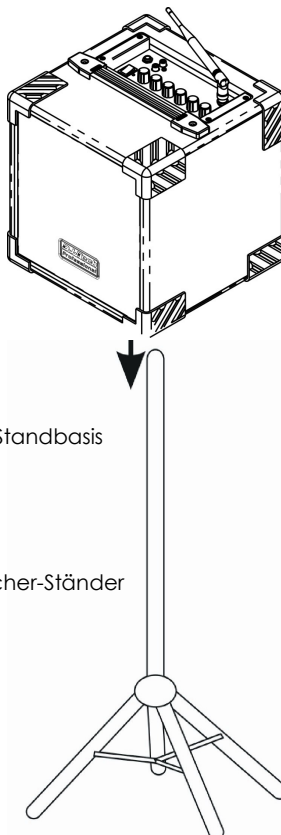
Gebrauch des VHF Empfängers :

- 1- Öffnen Sie die Abdeckung am Boden und legen Sie 2 AA Batterien ein.
- 2- Stecken Sie das Lavalier oder Headset Mikrofon ein.
- 3- Schalten Sie den Empfänger ein. Rotes Licht bedeutet, dass die Batterie zu schwach ist.
- 4- Regeln Sie die kabellose Mikrofon-Lautstärke am Cube 50.
- 5- Das Mikrofon ist nun bereit.

Note : Verwenden Sie nicht das Handmikrofon und den Empfänger zur gleichen Zeit.



Anbringen des Ständers.



***Der Lautsprecherständer ist nicht im Lieferumfang enthalten!**

DATENBLATT

LAUTSPRECHER.....5.25" 4Ω
Max: Ausgangsleistung.....50W

Nennleistung

Batterieverbrauch.....9W TED=1%
Stromverbrauch.....20W THD=1%
Verzerrung.....≤0.5%
S/N Ratio.....≥80dB
Frequenzgang.....40Hz~20KHz

Eingangssensibilität

Mikrofon.....10mV
Line.....550 mV

Kabelloses Mikrofon:

Kanal-Frequenz.....186.5MHz
Modulation.....FM
Frequency Stabilität.....±10KHz
TX Power.....Under 10dBm
Empfängerreichweite.....Direct - ≥15m/ Indirect - ≥8m

Stromversorgung.....100-240V~50/60Hz
Maße(B×T×H)272×269×291mm
Gewicht.....8.3kg
Max. Stromverbrauch.....60W

Alle Funktionen und Spezifikationen können sich ohne Hinweis ändern.

Bitte nicht in den Hausmüll entsorgen. Achten Sie auf Ihre landesspezifischen Entsorgungsregelungen.



