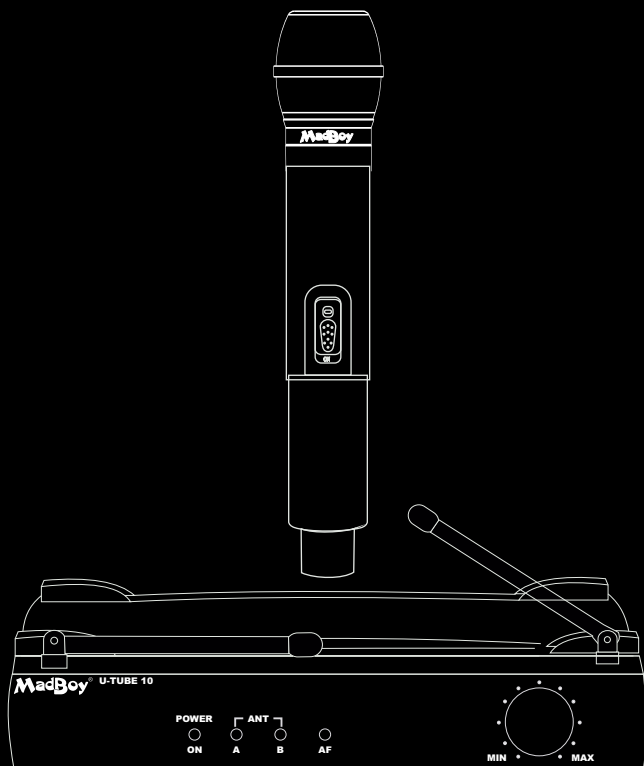


MadBoy[®]

U-TUBE 10

WIRELESS UHF MICROPHONE



OWNER'S MANUAL

WWW.MADBOY-AUDIO.COM

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Safety instructions



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

WARNING

To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

1. Read Instructions - All the safety and and operating instructions should be read before the appliance is operated.

2. Retain Instructions - The safety and operating instructions should be retained for future reference.

3. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions - All operating and use instructions should be followed.

5. Attachements - Do not use attachements not recommended by the product manufacturer as they may cause hazards.

6. Water and Moisture - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.

7. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

7 A. An appliance and cart combination should be removed with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.

8. Ventilation - The appliance should be situated so its location does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.

9. Heat - the appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

12. Power-cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. Cleaning - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

14. Power lines - An outdoor antenna should be located away from power lines.

15. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

16. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

17. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. The appliance has been dropped, or the enclosure damaged.

18. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

NOTE:

To CATV system installer's (U.S.A): This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected as close to the point of cable entry as practical.

FCC Information (U.S.A.)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT:

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved MadBoy may void your authority, granted by the FCC, to use this product.

2. IMPORTANT: When connecting this product to accessories and/or another product, use only high quality shielded cables. Cable(s) supplied with this product should be used, follow all installation instructions.

Failure to follow could void your FCC authorization to use this product in U.S.A.

3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance With these requirements provides a reasonable level of assurances that your use of this product will not result harmful interference with other electronic devices.

This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the owner's manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC Regulations does not guarantee that interference will not occur in all installations.

If this product is found to be source of interference, which can be determined by turning the unit "Off" and "On", please try to eliminate the problem by using one of the following measures:

A. Relocate either this product or the device that is being affected by the interference

B. Use power outlets that are on different branch (circuit breaker or fuse circuits) or install AC line Filter(s).

C. In case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300-ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact your local retailer authorized to distribute MadBoy products. If you cannot locate appropriate retailer, please contact MadBoy, Aittatie 6, 96100 Rovaniemi, FINLAND.

CAUTION:

The apparatus is not disconnected from the AC power source so long as it's connected to the wall outlet, even if the apparatus it self is turned off.

To fully ensure that the apparatus is indeed fully void of residual power, leave unit disconnected from the AC outlet for at least fifteen seconds.

CAUTION: READ THIS BEFORE OPERATING YOUR UNIT

1.To ensure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.

2. Install your unit in a cool, dry, clean place- away from windows, heat sources, and too much vibration, dust, moisture or cold. Avoid sources of hum (transformers, motors). To prevent fire or electrical shock, do not expose to rain and water.

3. Do not operate unit upside-down.

4. Never open the cabinet. If a foreign object drops into the set, contact your dealer.

5. Place the unit in a location with adequate air circulation. Do not interfere its proper ventilation; this will cause the internal temperature to rise and may result in failure.

6. Do not use force on switches, knobs or cords. When moving the unit, first turn the unit off. Then gently disconnect the power plug and the cords connecting to the other equipment. Never pull the cord itself.

7. Do not attempt to clean the unit with chemical solvents: this might damage the finish. Use clean, dry cloth.

8. Be sure to read the "Troubleshooting" section on common operating errors before concluding that your unit is faulty.

9. This unit consumes a fair amount power, even when the powerswitch is turned off. We recommend that you unplug the power cord from the wall outlet if the unit is not going to be used for a long time. This will save electricity and help prevent fire hazards. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.

10. To prevent lightning damage, pull out the powercord and remove the antenna cable during electrical storm.

11. The general digital signals may interfere with other equipment such as tuners or receivers. Move the system farther away from such equipment if interference is observed.

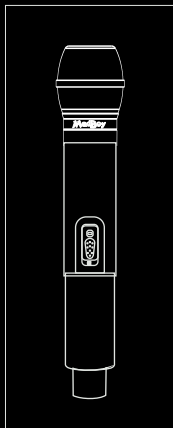
NOTE:

Please check the copyright laws in your country before recording from records, compact discs, radio, etc. Recording of copyrighted material may infringe copyright laws.

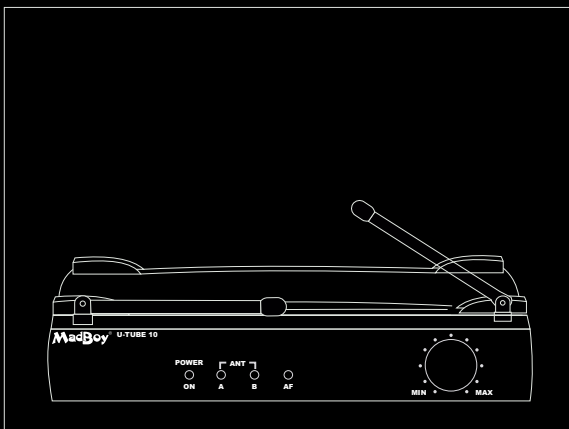
Voltage Selector (General Model Only)

Be sure to position the voltage select or to match the voltage of your local powerlines before installing the unit.

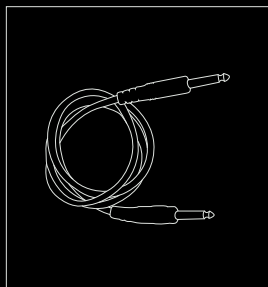
Package contents



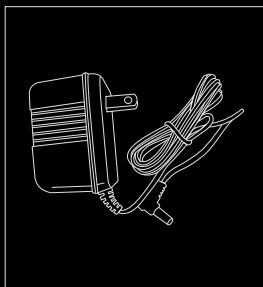
Handheld transmitter (1)



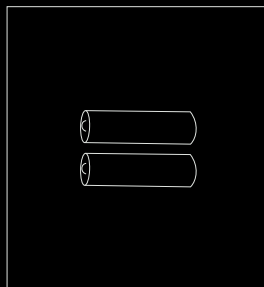
Wireless microphone receiver (1)



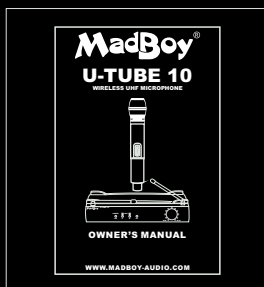
1/4" line cable (1)



AC adaptor (1)



AA batteries (2)

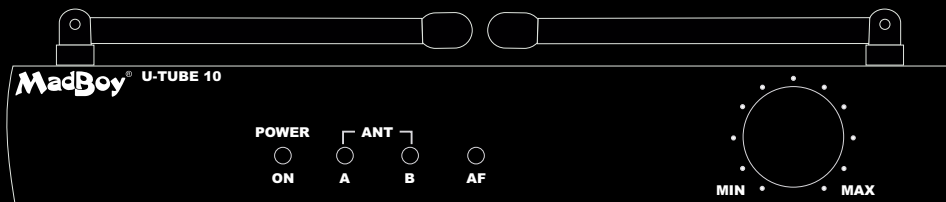


Owner's manual (1)

Descriptions and getting started

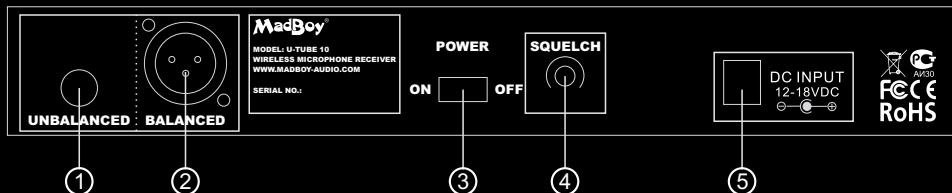
Receiver

Front panel



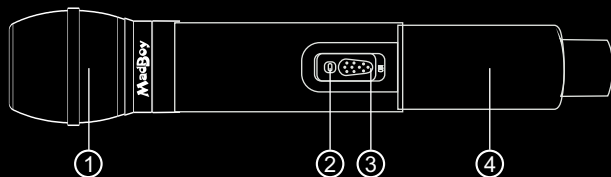
1. POWER ON INDICATOR
2. SIGNAL INDICATORS: THE GREEN LIGHT OF SIGNAL A/B GLOWS WHEN RF (RADIO FREQUENCY) SIGNALS ARE RECEIVED FROM THE TRANSMITTER.
3. AF SIGNAL INDICATOR
4. VOLUME CONTROL
5. ANTENNA

Back panel



1. UNBALANCED MIXED OUTPUT (1/4")
2. BALANCED MIXED OUTPUT (XLR)
3. POWER SWITCH (ON/OFF)
4. SQUELCH: REDUCES NOISE BURST DUE TO ENVIRONMENTAL RF NOISE.
5. POWER INPUT

Microphone (handheld transmitter)



1. GRILLE
2. READY / LOW BATTERY LED INDICATOR
3. POWER ON/OFF/MUTE (CENTER POSITION)
4. BATTERY COVER

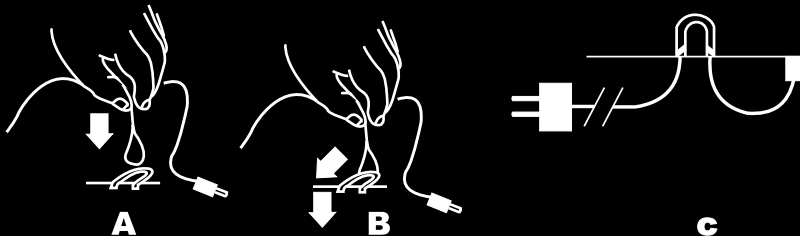
Descriptions and getting started

Getting started

1. Connect the supplied power connector into the POWER INPUT-jack in the back of the receiver. Insert the adapter's cable into the power cable retainer. Plug the power connector into the wall socket or other power source. Slide the power switch to ON-position on the back of the receiver, the red POWER light on the receiver will glow.
2. Connect the receiver's XLR AUDIO OUTPUT connector to the mixer input using an XLR to XLR audio cable or connect 1/4" Audio output connector of receiver to the amplifier input by a 1/4" to 1/4" phone plug cable.
3. Set position of the antennas at a 45 angle from vertical.
4. Slide the microphone's (transmitter's) POWER ON/OFF/MUTE switch to the POWER ON position, the LOW BATTERY indicator shines for a moment at that time, the receiver's SIGNAL A/B lights starts to glow.
5. Talk or sing into the microphone. AF signal indicative light of receiver is glowing according to the volume of transmitter.
6. Adjust receiving volume knob and the volume adjustment of mixer or amplifier to get a suitable volume.
7. When the performance is over, turn OFF the sound system, receiver and slide the microphones's (transmitter's) POWER ON/OFF/MUTE switch to the OFF position.

Cable retainer

1. Turn the receiver over and locate the power cable retainer. Pinch the AC-adaptor cord from the dc plug, forming a small loop (A). Hold the cord vertical to the retainer and lower the tip of loop into the curved portion of retainer.
2. Keeping the cord vertical to the receiver, pull the cord under the tab towards front of the receiver (B), then pull down, locking the cord into the retainer(C).



Troubleshooting and specifications

PROBLEM	INDICATOR STATUS	SOLUTION
No sound.	Red transmitter indicator is not flash	Slide transmitter POWER ON/OFF switch to ON position. Make sure battery is inserted properly, observing battery ("+/"). If battery is inserted properly, replace with fresh battery
No sound.	Red transmitter indicator is flash	Slide transmitter MUTE/ON switch to ON position
No sound.	Red receiver POWER light off.	Make sure ac adapter is securely plugged into electrical outlet and into dc input connector. Make sure ac electrical outlet works and supplies proper voltage.
No sound.	Receiver signal Indicators A/B lights glowing.	Turn up receiver volume control. Confirm that the output connections from the receiver to the external equipment are secure
No sound.	Receiver signal Indicators A/B lights off. Transmitter and receiver POWER lights glowing	Confirm transmitter's and receiver's frequencies match. Move transmitter closer to receiver
Sound level differs from level of a cabled instrument.	Receiver signal Indicators A/B lights glowing.	Adjust transmitter gain level to compensary. Adjust receiver volume as necessary.
Sound level differs with different guitars.	Receiver signal Indicators A/B lights glowing.	Readjust transmitter gain level to compensate for differences in guitar outputs
Distortion level increases gradually	Receiver Signal Indicators A/B lights and transmitter LOW BATTERY light glowing	Replace transmitter battery
Bursts of noise or other audibleradio signals present.	Signal Indicators A/B lights on	Identify potential sources of interference (other RF-sources) and turn off, remove or use a wireless system operating on a different frequency.
Momentary loss of sound as transmitter is moved around performing area.	Receiver signal Indicators A/B lights off when sound is lost	Repositeon receiver and perform walk-through test again. If audim dropouts persist, mark "dead" spots and avoid them during performance

System specifications

RF Carrier Frequency Range: Approximately 460 to 860 MHZ (Available frequencies depend on applicable regulations in country where system is used).

Operating Range: 100m(approximately 300ft)under typical conditions

Audio Frequency Response: 50 to 15,000Hz,:3dB

THD: <1%

Mobile stste Range:> 100dB

Operating Temperature Range: -29' to 74 'C (—20'to 165'F) NOTE:Battery characteristics may limit this range.

Declaration of Conformity

I hereby declare that the product
Wireless Microphone transmitter, U-TUBE 10 series
satisfies all the technical regulations applicable to the product within the scope of Council
Directives 2006/95/EC, 2004/108/EC and 99/5/EC

EN 50371:2002
EN 60065:2002+A1:2006
EN 301489-1 V1.8.1, EN 301489-9 V1.4.1
EN 300422-1 V1.3.2, EN 300422-2 V1.2.2

All essential radio test suites have been carried out.

Manufacturer address:
MadBoy Audio International Oy
Aittatie 6
96100 Rovaniemi
Finland

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his
authorised representative.

Point of contact:
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Rovaniemi, Finland, 26.01.2014



Marko Tervaniemi, CEO
MadBoy Audio International Oy

MadBoy[®]

