



CLS700-series VHF Audio Transmitters and Headphones



User Manual





CLS700-series VHF Audio Transmitters and Headphones

Thank you for purchasing the Califone® CLS700-series VHF Audio Transmitters and Headphones.

We encourage you to visit our website www.califone.com to register your product for its warranty coverage, to sign up to receive our newsletter, download our catalog, and learn more about the complete line of Califone® audio visual products, including portable and installed wireless PA systems, multimedia players and recorders, headphones and headsets, computer peripheral equipment, visual presentation products and language learning materials.

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1. IMPORTANT SAFETY INSTRUCTIONS

Before using this product, read the instruction manual for important safety information. Please retain this manual for future reference and warranty information.

Troubleshooting & Servicing

Do not attempt to service or repair the device yourself. Refer all servicing to qualified service personnel. Do not attempt to modify the device in any way. Doing so could invalidate your warranty.

Moisture and heat sources

Do not use this apparatus near water (for example, sinks, baths, pools) or expose it to rain, moisture, dripping or splashing liquids. Do not expose the unit to high temperatures, high humidity or direct sunlight.

Cleaning

When cleaning the device, please use a soft, dry cloth. Never use benzene, paint-thinner, or other chemicals on the device.

Location

Place the device in stable location, so it will not fall causing damage to the device or bodily harm.

Intended use

The product may only be used with the original parts intended for it. The product may only be used in closed and dry rooms. The intended use includes adherence to the specified installation instructions. The manufacturer accepts no liability for damage arising due to improper use.

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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.

IMPORTANT

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.

The unit's circuitry may cause interference to nearby radios. To prevent interference, either switch the unit off or move away from the affected radio.

NOTE: This equipment has been tested and found to comply within 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 Auditory assistance device may be used for auricular training in an education institution, for auditory assistance at places of public gatherings, such as a church, theater, or auditorium, and for auditory assistance to handicapped individuals, only, in other locations.

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2. PACKAGE CONTENTS

CLS7XX-T

- CLS700-series VHF Audio Transmitters
- CLS700-PC 6'-length 1/4" stereo to 1/8" stereo audio patch cable
- CLS-CH8 Charging Leads
- CLS700-AC Power Adapter
- User Manual

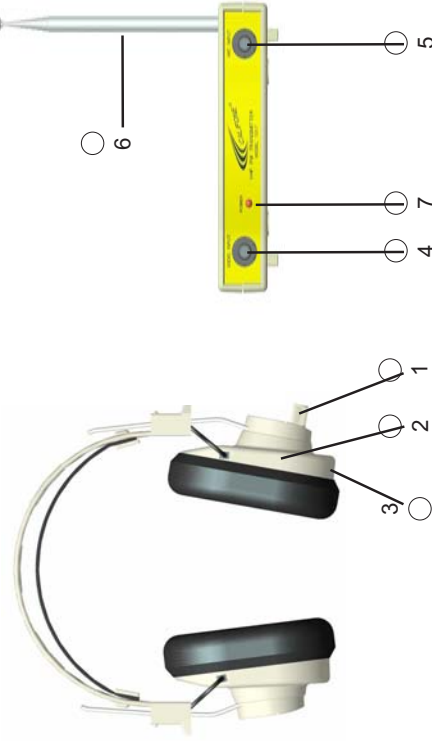
CLS7XX-4

- Includes all the items in CLS7XX-T, plus:
- 4pcs CLS7XX Headphones

CLS7XX-4-03

- Includes all the items in CLS7XX-4, plus:
- Model 2003 headphone stand

3. PART NAMES AND FUNCTIONS



VHF HEADPHONE:

1. POWER/VOLUME KNOB
2. POWER/RECHARGE LED
3. DC POWER JACK

VHF AUDIO TRANSMITTER:

4. AUDIO (LINE) INPUT JACK
5. MIC INPUT JACK
6. ANTENNA
7. POWER LED

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4. SETUP AND INSTALLATION

4.1 HEADPHONE RECHARGING

1. Before operating the headphones, it is suggested to recharge the headphones using the included power adapter and CLS-CH8 charging leads.
2. Ensure that the voltage on the power adapter corresponds to the AC voltage of your local area.
3. Unravel the AC line cord and insert plug into the AC outlet.
4. Insert the other end into the DC power jack on the CLS-CH8.
5. Connect each of the 8 power leads on the CLS-CH8 to the DC power jacks on the bottom of each CLS700-series headphone.
6. The POWER/RECHARGE LED on the back of each headphone should light red to indicate that it is charging. If the POWER/RECHARGE LED lights green, the battery is fully charged and the headphones can now be operated.

NOTE: *The headphones should be turned off while charging to ensure maximum recharging speed.*

5. BASIC OPERATION

5.1 TRANSMITTER OPERATION

1. First, ensure that the voltage on the power adapter corresponds to the AC voltage of your local area.
2. Unravel the AC line cord and insert plug into the AC outlet.
3. Insert the other end into the DC power jack on the rear of the transmitter. The POWER LED on the front of the transmitter should light.
4. For use with a microphone, connect a dynamic microphone to the MIC INPUT on the front of the transmitter.
5. For use with other A/V devices, such as a cassette player, boombox, CD player, etc., connect the audio/headphone/line output of the device to the AUDIO INPUT jack on the front of the transmitter.
6. If there is a volume setting for the output from the device, increase it as appropriate.
7. Extend the transmitter antenna and position it for best reception.

NOTE: *When connecting equipment with a stereo audio output, the left and right channels will be mixed in the transmitter.*

5.2 HEADPHONE OPERATION

1. Power on one or more of the CLS700-series headphones to be

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used by turning the POWER/VOLUME KNOB on the side of the headphone to the ON position. The POWER LED on the back of the headphone will light green to indicate the power is on.

2. Slowly increase the volume to the desired listening level.
3. After several hours of use, the headphone may require recharging. Follow the steps in the section on headphone recharging.

CAUTION: *Avoid excessive volume for long periods of time as this can result in hearing damage.*

6. TROUBLESHOOTING

No sound	<ul style="list-style-type: none"> • Check that the power LED is ON on the transmitter. If not, check the power connections. • Check that the audio input and/or mic cables are well connected and the audio output is working. • Ensure that the same frequency product is being used (e.g. blue transmitter with blue headphones). • Ensure the power LED on the headphones is lit green. If not, try recharging the headphones.
The headphones sound noisy / Poor reception	<ul style="list-style-type: none"> • Check that the transmitter is up off the floor, is away from any electrical equipment that could interfere. • Ensure that only one transmitter with the same frequency is on at a time in an area. • Extend the transmitter antenna and reposition it for the best reception. • Move the listening position.

7. SPECIFICATIONS & FEATURES

Transmitters:

Transmitting Frequency	CLS721-T (yellow): 72.1 MHz CLS725-T (blue): 72.5 MHz CLS729-T (green): 72.9 MHz
Power requirements	120VAC/60Hz -> 12VDC/300mA power adapter
Transmitting Channels	1 Channel (Mono)
Transmitting Power	100 mW
Transmitting Distance	> 20 feet (very low noise) > 50 feet (some noise)
S/N Ratio	> 55 dB
Product Dimensions	7" x 7" x 1.5"
Product Weight (incl. accessories)	1 lb 5 oz

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Headphones:

Receiving Frequency	CLS721 (yellow): 72.1 MHz CLS725 (blue): 72.5 MHz CLS729 (green): 72.9 MHz
Battery Recharge Time	< 8 hours
Usage Time	3 - 4 hours idle (depending on usage)
Battery	Li-Ion 3.7V / 240 mAh
Product Dimensions	8" x 5.5" x 3"
Product Weight (incl. accessories)	8 oz

8. WARRANTY

Califone warrants this product to be free from defective material and workmanship for one year from the purchase date. Our "Project Intercept" Customer Satisfaction program will replace defective parts and repair malfunctioning equipment under this warranty when the defect occurs under normal use.

All Damage Claims Must Be Made With the Freight Carrier

Notify the freight carrier immediately if you observe any damage to the shipping carton or product. Repack the unit in the carton and await inspection by the carrier's claim agent. Notify your dealer of the pending freight claim.

Returning Your Unit for Service or Repairs

Should your unit require service, contact our Customer Service Department online at califone.com/techsupport or via email warranty@califone.com or by phone at 800-722-0500 / 818-407-2400 to first obtain an RA (Return Authorization) number before returning it to Califone. The unit must be returned to our factory via prepaid transportation only after the factory issues an RA number, which must be clearly written on the outside of the box.

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