RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 1 year from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your Radio Shack sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell

RADIO SHACK
A Division of Tandy Corporation
Fort Worth, Texas 76102

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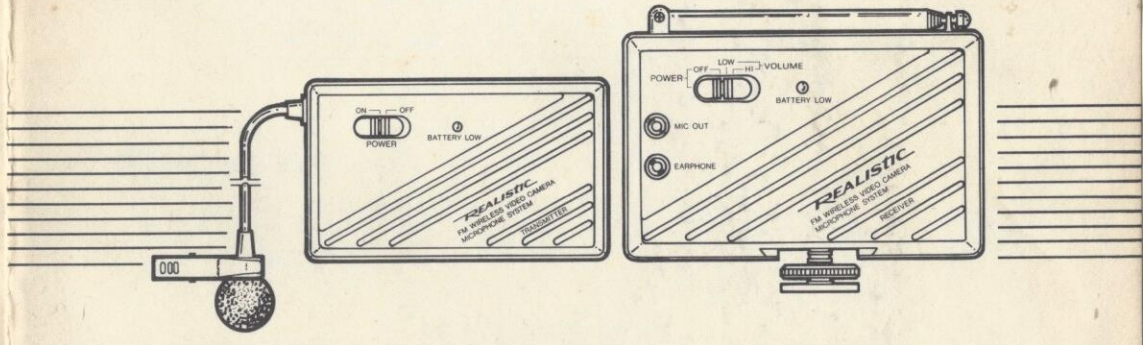
Printed in Korea

OWNER'S MANUAL

WIRELESS VIDEO MICROPHONE

Please read before using this equipment

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Cat. No. 32-1226

REALISTIC®

INTRODUCTION

Your Realistic® FM Wireless Video Microphone lets you add a professional touch to your video productions. With the microphone transmitter in position, and the receiver mounted on your camera or camcorder, you can enjoy convenient, cable-free audio recording at distances of up to 200 feet.

FEATURES

Camera-Shoe Mount–lets you mount the wireless microphone receiver on your camcorder's accessory shoe.

MIC Out Jack–lets you connect the receiver output to your camcorder's microphone input.

Earphone Jack–lets you monitor the microphone output.

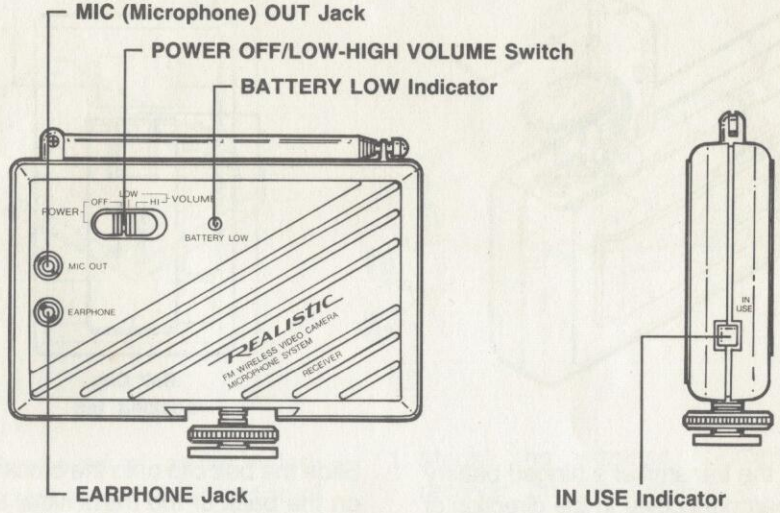
In-Use Indicator Light–tells you when both the transmitter and the receiver are turned on.

Battery Low Indicators–tell you when to install new batteries.

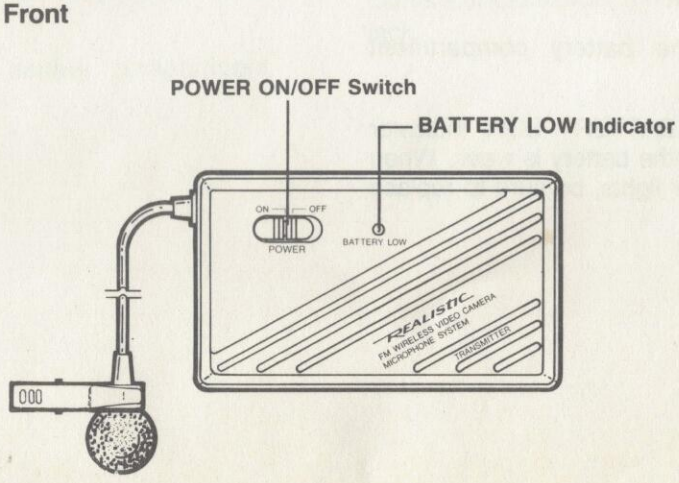
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CONTROL LOCATIONS

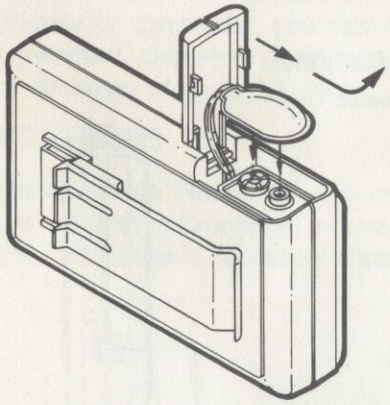
RECEIVER



TRANSMITTER



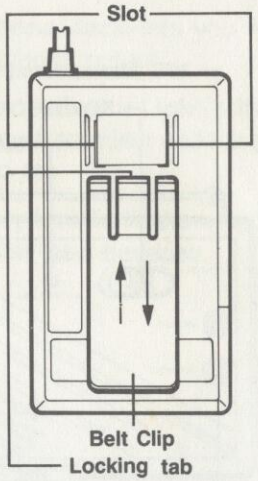
INSTALLING THE TRANSMITTER'S BATTERY



1. Slide the transmitter's hinged battery compartment cover in the direction of the arrow and swing it open.
2. Insert the battery into the compartment.
3. Connect a 9-volt battery to the snap connector.
4. Close the battery compartment cover.

Note: The BATTERY LOW indicator lights when the battery is weak. When the indicator lights, be sure to replace the battery.

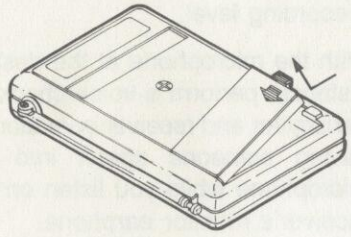
ATTACHING THE MICROPHONE BELT CLIP



Slide the belt clip onto the block located on the back of the transmitter until the clip locks into place.

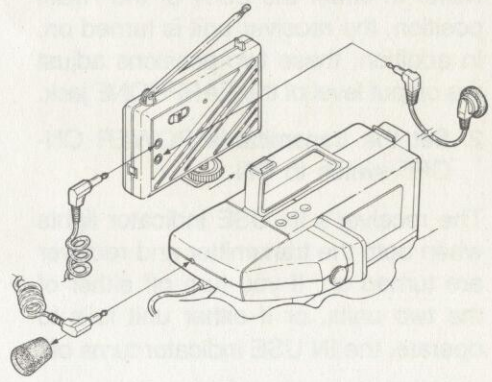
To remove the clip, lift the locking tab and slide the clip off.

INSTALLING THE RECEIVER'S BATTERY



1. Push the grooved tab on the battery compartment cover in the direction of the arrow while lifting the cover upward to remove it.
2. Insert the battery into the compartment.
3. Connect a 9-volt battery to the snap connector.
4. Close the battery compartment cover.

CONNECTING THE RECEIVER



1. Mount the wireless microphone receiver on the camera or camcorder, using the shoe-mount bracket as shown.
2. Plug the supplied audio cord into the wireless microphone receiver's MIC OUT jack. Plug the other end into the camera or camcorder's microphone jack.

OPERATING THE TRANSMITTER AND RECEIVER

1. Set the receiver's POWER OFF/ LOW-HI VOLUME switch to either LOW or HI.

Note: In either the LOW or the HIGH position, the receiver unit is turned on. In addition, these two positions adjust the output level of the EARPHONE jack.

2. Set the transmitter's POWER ON-OFF switch to ON.

The receiver's IN USE indicator lights when both the transmitter and receiver are turned on. If you turn off either of the two units, or if either unit fails to operate, the IN USE indicator turns off.

Note: If either BATTERY LOW indicator lights, be sure to replace the battery immediately.

3. Fully extend the receiver's telescoping antenna.

4. Connect the earphone to the receiver's EARPHONE jack.

5. Mount the microphone and its transmitter in your desired location.

6. Set the output level of the receiver's monitor earphone by setting the OFF/LOW-HIGH VOLUME switch to either the LOW or the HIGH position.

Note: Adjusting this switch does not affect the output of the MIC OUT jack or the recording level.

7. With the microphone at the desired distance, perform a voice check for transmitter and receiver operation by having someone speak into the microphone while you listen on the receiver's monitor earphone.

If the speaker's voice cannot be heard on the monitor earphone, carefully repeat Steps 1-6, then re-test.

If either unit fails to work and its BATTERY LOW indicator does not light, the battery might be dead. Replace one or both batteries, as necessary, and perform the voice check again.

8. Begin recording.

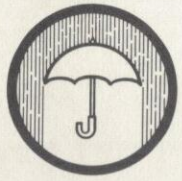
Caution: To conserve battery power, be sure you turn off both units when not using them.

NOTES

CARE AND MAINTENANCE

Your Realistic wireless video microphone system is an example of superior design and craftsmanship. The following suggestions will help you care for the product so that you can enjoy it for many years.

Keep the system dry. If it does get wet, wipe it dry immediately. Liquids contain minerals that can corrode the electronic circuits.



Use and store the system only in normal-temperature environments. High temperatures can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Handle the system gently and carefully. Dropping it can damage the circuit boards and cases and can cause the product to work improperly.



Keep the system away from dust and dirt. These can cause premature wear of parts.



Wipe the system with a dampened cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the product.



Use ony fresh batteries of the recommended size and type. Always remove old or weak batteries. They can leak chemicals that destroy electronic circuits.



Modifying or tampering with the wireless video microphone's components can cause a malfunction and might invalidate the product's warranty. If your unit does not work properly, take it to your local Radio Shack store for assistance.

SPECIFICATIONS

GENERAL

Operation Frequencies	49.890 MHz
Input Voltage	9V DC
Current Drain	30 mA max. (receive) 40 mA max. (transmit)
Dimensions	Receiver $2\frac{5}{8}'' \times 4\frac{1}{4}'' \times \frac{7}{8}''$ (H × W × D) (68 × 109 × 22mm) (H × W × D) Transmitter $2\frac{1}{4}'' \times 3\frac{3}{4}'' \times \frac{7}{8}''$ (H × W × D) (57 × 97 × 22mm) (H × W × D)
Weight	Receiver 4.7 oz (135g) (without battery) Transmitter 2.9 oz (82g) (without battery)

RECEIVER

Sensitivity (20 dB quieting)	1.0μV
Squelch Sensitivity Threshold	1.0μV
Modulation Acceptance Bandwidth	+/−7 kHz
Spurious and Image Rejection	40 dB min.
Frequency Stability (0°C to +40°C)	+/−2 kHz

TRANSMITTER

RF Energy Output	10,000μV/m @ 3 meters (FCC max)
Spurious and Harmonic Emissions	26 dB min.
FM Hum and Noise	40 dB min.
Audio Distortion	10% max.
Frequency Stability (0°C to +40°C)	+/−2 kHz max.