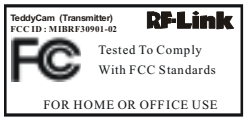
FCC Statement

This system 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 unit generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If the units do cause harmful interference to radio or television reception, which can be determined by turning the units 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 transmitter and receiver.
- Connect the transmitter into an outlet on a circuit that is different from to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Use only shielded cables to connect I/O devices to this equipment.

You are cautioned that change or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This equipment complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This equipment may not cause harmful interference and (2)This equipment must accept any interference received, including interference that may cause undesired operation.



Important User Information

Important safety precautions

- To prevent fire or shock hazard, do not expose this product to rain or moisture. Do not use near a bathtub, washbowl, sink, or laundry tub; do not use in a wet basement or in or around a swimming pool.
- To avoid electrical shock, do not open the case of this product.
- Operate this product using only the power supply included with it or provided as an accessory.
- Do not overload electrical outlets or extension cords as this can result in fire or electric shock.
- Refer servicing to qualified personnel only.

Caution: *Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment*

Warranty Information

RF-Link Systems Inc., warrants this product against any defects in material or workmanship for a period of 1 year from the date of original purchase. This Limited Warranty shall not apply if the product has been damaged due to abuse, misuse, misapplication, accident, or as a result of service or modifications not approved by RF-Link. Should the product become defective within the warranty period, RF-Link may choose to replace or repair the product, provided that it is shipped prepaid to RF-Link.

There are no express warranties other than those described above. No warranties whether expressed or implied, including but not limited to, any implied warranties of merchantability or fitness for a particular purpose, shall extend beyond the time period listed above. Some states do not allow limitations on how long an implied warranty may last, so the above limitations may not apply to all users. This warranty gives specific legal rights; users may also have other rights which vary from state to state.

Disclaimer

This product is designed for lawful use as a wireless audio and video sender from one location in the home or office to another location. RF-Link Systems Inc. hereby advises the consumer to consult with local officials and other legal authorities regarding the proper use and application of this product in compliance with all applicable state and federal laws. RF-Link Systems Inc. shall not be responsible for any misuse or unlawful application of this product by any individual or entity under any circumstances.

Table of Content

Chapter 1. Introduction

Product Overview

TEDDYCAM IS NOT A TOY

Thank you for purchasing RF-Link's Wireless TeddyCam baby watch and listen system. Utilizing the latest in wireless RF technology, this unique Wireless TeddyCam allows you to watch and listen to your baby or children from your own television.

Simply position your TeddyCam in the room with your baby or children, connect the TeddyCam receiver to your television or video recorder and ***Watch and Listen****!*

You can also use your TeddyCam as a security device anywhere in your home or office without running wires from TeddyCam to your television.

For more information on installing and using TeddyCam please carefully read this installation and instruction manual, and please remember:

TEDDYCAM IS NOT A TOY

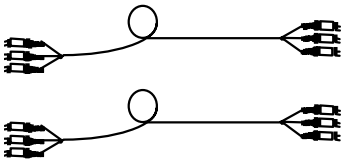
List of Packaged Contents

The following elements should be included in the box. Please check that you have them all before installation.

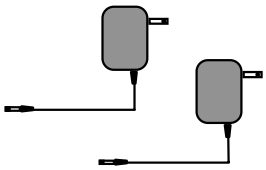
1. **One transmitter (Transmitter)**
   Transmits 2.4 GHz wireless audio/video.

2. **One receiver (Receiver)**
   Receives 2.4GHz wireless audio/video.

3. **One audio/video (A/V) cable**
   Connects receiver to your audio/video components.
   * For NTSC model, you will find one RCA to RCA cables in this box. For PAL model, you will find one RCA to SCART cables in this box.

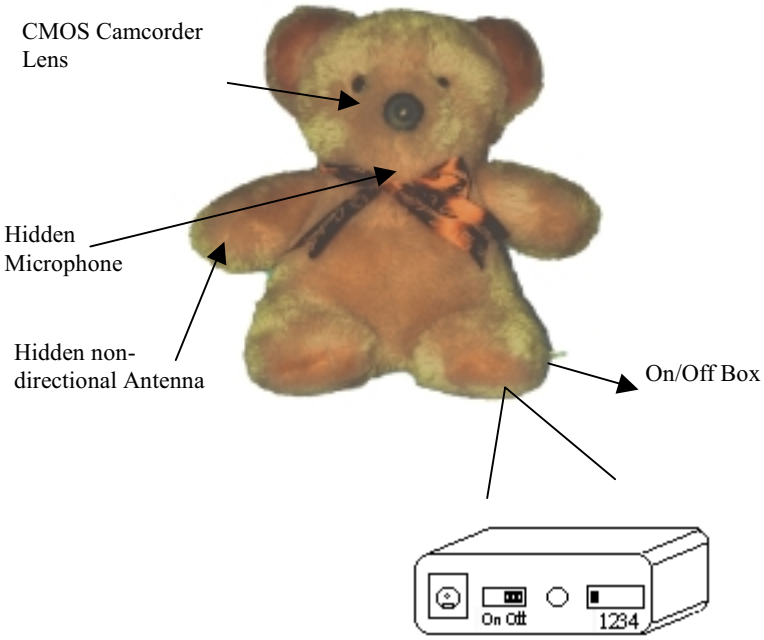


4. **Two Power adapters**
   Provides +12 VDC power to units.



TeddyCam Features

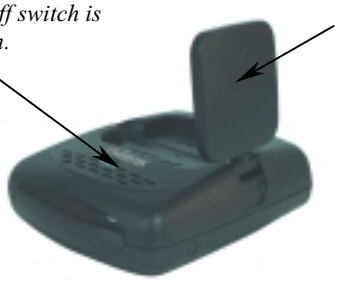
Transmitter



Receiver

Front View

Indicator Light
The indicator light should be lit when the On/Off switch is in the ON position.



Directional 2.4GHz antenna
Receives audio and video signals.

Caution: Do not rotate this antenna 360 degrees or permanent damage to both antenna and mechanical stopper will occur.

Rear View

Invisible Speaker

Channel selection switch
Use to find optimal reception. Must select same channel on both transmitter and receiver

On/Off switch

Volume Adjuster

Left audio jack *(white)*

Right audio *(red)*

Video jack *(yellow)*

12V power adapter plug

Chapter 2. Setting Up Units

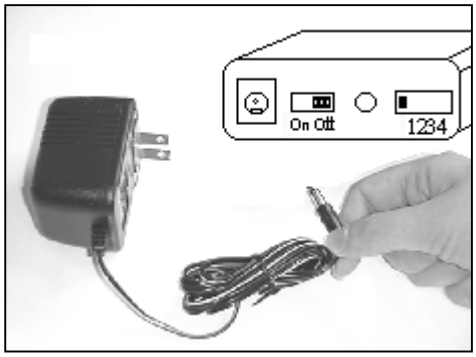
Connecting TeddyCam

Please note: The TeddyCam transmitter uses the 12V / 0.2A power adaptor. The Parent Unit receiver uses the 12V / 0.5A power adaptor.

Step 1. Open the Zip on TeddyCam's left leg; you will find the TeddyCam power box. Make sure the ON/OFF switch is in theOFF position.

Please remember TeddyCam is NOT a TOY

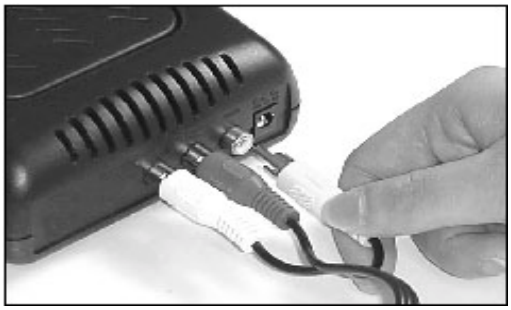
Step 2. Plug one end of the provided 12V/0/2 A power adapter into the power box of the TeddyCam of and the other end into a standard wall outlet. Turn the ON/OFF switch to ON position and indicator light should go on. Close the zip to protect the TeddyCam power box.



Connecting the Receiver

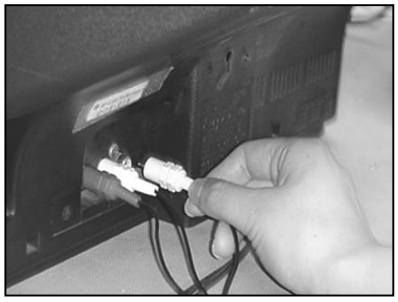
How to receive wireless audio/video on your TV or VCR

Step 1. Make sure the Receiver ON/OFF switch is in the OFF position. Connect one end of the A/V jacks to the receiver. Make sure the yellow, red and white plugs match the yellow, red and white jacks on the receiver.

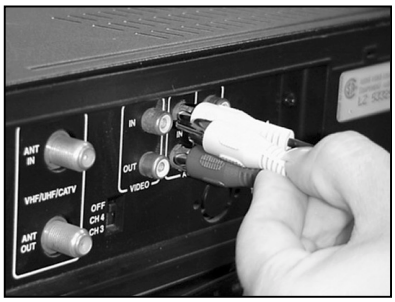


Step 2 Connect the other end of the Video/Audio jacks, which is the SCART connector, to the TV or VCR Video1 or Video2 input. Connect the jack plug of the 12V/0.5A mains adaptor to the socket at the rear of the receiver. Plug the mains adapter into a standard wall outlet and turn the receiver ON/OFF switch to the ON position.

Note: -Only use the mains adaptor supplied.



TV



VCR

Step 3. To view the picture from TeddyCam on your TV, select "video 1" or "video 2" or "auxiliary" input from your TV or remote control

If your receiving TV is already connected to a VCR or other Audio/Video device you can connect the receiver to a spare SCART input socket on this equipment.

- If your receiving TV does not have a SCART input socket you will need to get a RF-Modulator that will accept a SCART input – this can be purchased from your local electronic store.

Position the receiver in a convenient location and raise/adjust the antenna (see section on "Orienting receiver for optimal performance" in this manual)

Adjust the volume control on the side of the receiver to an acceptable level.

When you hear a noise from your child's room simply change channels on your television and watch your baby**.**

PLEASE REMEMBER

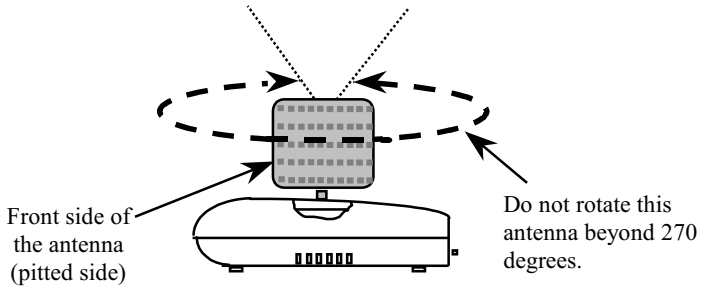
TEDDYAM IS NOT A TOY

Orienting receiver for optimal performance

TeddyCam should be placed on a flat, stable surface to prevent it from falling. For optimal performance, the audio/video antenna on the receiver should be carefully oriented as described below. For maximum operating range, try to minimize the number of obstacles (such as TV, other components, or furniture) between the TeddyCam and receiver units. In addition, try to place the units as high as possible to avoid any possible interference from people walking between the transmitter and the receiver.

TeddyCam broadcasts its high-quality audio and video using non-directional antennas.

The 2.4GHz antenna on the receiver has been designed to pivot and have limited rotation in either clockwise or counterclockwise directions.



Sideview of Receiver

Chapter 3. Troubleshooting

Problems and solutions

Please read this manual carefully and follow the steps described in it. If you still have difficulties, consult the following table. It will guide you through the most common problems and their solutions.

Problem

No picture or sound

Possible solutions

- Check the power on/off switches on the TeddyCam and receiver.
- Check power switches on the remote TV and video source.
- Make sure power plugs are pushed all the way in.
- Check all cable connections.

Problem

Interference: Noisy picture or audio.

Possible Solutions

- Make sure the TeddyCam and receiver have been set to the same channel
- Adjust receiver antenna orientation. (See section on "Orienting receiver for optimal performance" in this manual.)
- Select a different channel by pushing the channel selector button on both TeddyCam and receiver so that the channels match
- If using a microwave oven, turn it off, or remove microwave oven from path between TeddyCam and receiver

Specifications

SYSTEM

Number channel	4	
Channel Frequency	CH1: 2434MHz	CH2: 2453MHz
	CH3: 2473MHz	CH4: 2411MHz
Max. Range (clear line of sight)	100 m	

Transmitter

RF Output (EIRP)	0dBm CE	
Frequency Stability	± 250KHz PLL Frequency Synthesizer	
Antenna	Type	Single Dipole Antenna (Non-directional)
Video	Video Type	EIA, B/W
	Camera Type	1/3″ CMOS Image Sensor
	Number of Effective Pixels	510*492
	Scanning System	2:1 Interlace
	Resolution (TV line)	492
	Illumination	<0.5LUX@f1.2
	Auto electronic exposure	1/60~1/15000 sec.

MIC	Type	High Sensitivity Electric Condenser
	Sensitivity	2~3m Distance
Current Consumption	200mA typical	
Power Supply	12V /0.2 A DC	
Size	Depend on bear size	
Weight	0.56 Kg	

Receiver

RF Sensitivity	-85 dBm	
Frequency Stability	± 250KHz PLL Frequency Synthesizer	
Antenna	Type	Single Patch Antenna (Directional)
Video Output	1 Volt p-p (at 75 Ohm load)	
Audio Output	1 Volt p-p (at 600 Ohm load)	
Speaker	Type	8 Ohm, 2W
	10%THD	360 mW
Current Consumption	420 mA, typical	
Power Supply	12V/0.5A DC	
Size	152 mm (L) * 114 mm (W)* 46 mm (H)	
Weight	0.33 Kg	

Environmental Requirement

Operation Temp. and Humidity	0 ~ 40 Degree C (85%)
Storage Temp. and Humidity	-15 ~ +55 Degree C (85%)
Relative Humidity	85%

All specifications are subject to change without notice