

LF-30RX

Owner's Manual



LF-30RX
Wireless Add-on Receiver



Important Safety Precautions:

1. To prevent fire or shock hazard, do not expose this product to rain or moisture. Do not use near a bathtub, wash bowl, sink or laundry tub, in a wet basement or around a swimming pool.
2. To avoid electrical shock, do not open the case of this product.
3. Operate this product using only the power supply included with the unit or supplied as an accessory.
4. Do not overload electrical outlets or extension cords as this can result in electrical shock.
5. 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.

Disclaimer: This product is designed for lawful use as a wireless system for transmitting audio and video signals from one location, in the home or office, to another. TERK Technologies Corporation 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. TERK Technologies Corporation shall not be responsible for any misuse or unlawful application of this product by any individual or entity under any circumstances.

Address all correspondence to:
TERK Technologies Corporation
Attn: Customer Service Dept.
63 Mall Drive
Commack, NY 11725

Need extra help?

Please call us toll free at
1-800-942-TERK (8375) -
Mon.-Fri., 9 AM-5 PM EST.

Introduction

Leapfrog LF-30RX - Add-on Receiver

The TERK Leapfrog LF-30RX Add-on Receiver allows you to add additional TVs or A/V components to your existing LF-30S system.

The LF-30RX Add-on Receiver must be used with an existing LF-30S transmitter. Two LF-30RX receivers alone, without a transmitter, will not function.

The LF-30RX uses the latest in wireless technology to deliver consistently sharp and clear video images and stereo audio up to 150 feet away.

The LF-30RX is compatible with all types of TVs, both new and old, and A/V components.

The LF-30S system gives you the convenience to wirelessly:

- Watch cable, satellite programming or DVD movies on any TV in your home, without the hassle and expense of running extra wiring, moving your A/V source or buying another one.
- Set up a TV anywhere inside or outside your home (where you have access to an AC outlet).
- Listen to stereo music on powered speakers inside or outside the home.

Package Contents

The following items are included in the LF-30RX box. Please check that they are all present before discarding the box and beginning the installation:

- 1 - LF- 30S Receiver (Model LF-30SRX)
Receives wireless A/V signals from the transmitter
- 1 - Audio/Video (A/V) cable
Connects the receiver to your TV sets and/or A/V components
- 1 - Power adapter
Provides 15V DC power to the receiver
- 1 - Coaxial cable with two type "F" connectors

Controls and Features

The transmitter and receiver units look alike but are labeled accordingly on the front of the units. However, the receiver can also be identified by the threaded RF coax connector labeled "TO TV" on the back panel.

- A - Directional 2.4GHz antenna
Receives A/V signals

Caution: Do not attempt to rotate the antenna a full 360 degrees, or permanent damage to the antenna and mechanical stopper will occur.

- B - Channel Selection Switch (underneath unit)
Both the transmitter and the receiver must be set to the same channel for proper operation.

- C - On/Off Switch
Turns the receiver on or off

- D - 15V DC Power Port

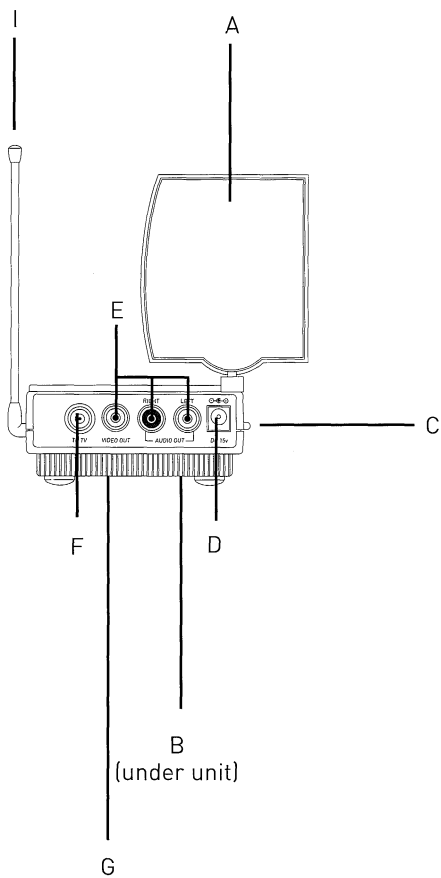
- E - Audio/Video Jacks
Right and left stereo audio (red/white) jacks and a composite (yellow) video jack are used for connection to A/V components and/or TV sets.

- F - RF Connector
Used to connect the RF output from the receiver unit to the RF input of a TV set

- G - Channel 3/4 Video Selector Switch (underneath unit)
Set the output of the receiver unit to either channel 3 or 4, to correspond to the TV channel you wish to watch the A/V source video on.

- I - Antenna
Sends and receives remote control signals

LF-30RX



Connecting the Receiver to a TV

After connecting the transmitter to your A/V source, you must connect the receiver to a TV or other component.

There are two ways to connect the LF-30RX Receiver to a remote TV (a TV in a remote location away from the A/V source):

- 1 - Connected directly to the remote TV
- 2 - Connected directly to a VCR, which is then connected to the TV

Note: If your TV has picture-in-picture (PIP) capability, you can also view any image sent by the transmitter (such as a sleeping baby monitored by your camcorder) in the small inset picture while enjoying other programming on the rest of the screen. Consult your TV owner's manual for instructions on using its PIP feature.

Installation

1. Make sure the receiver's On/Off Switch is "Off."
2. Connect one set of red, white and yellow A/V cables from the A/V jacks on the back of the receiver to the LINE IN A/V jacks on the back of the TV.

If your TV has A/V jacks (red, white and yellow for a stereo TV or only white and yellow jacks for a mono TV), connect one end of an A/V cable to the TV's A/V jacks and to end of the cable to the receiver.

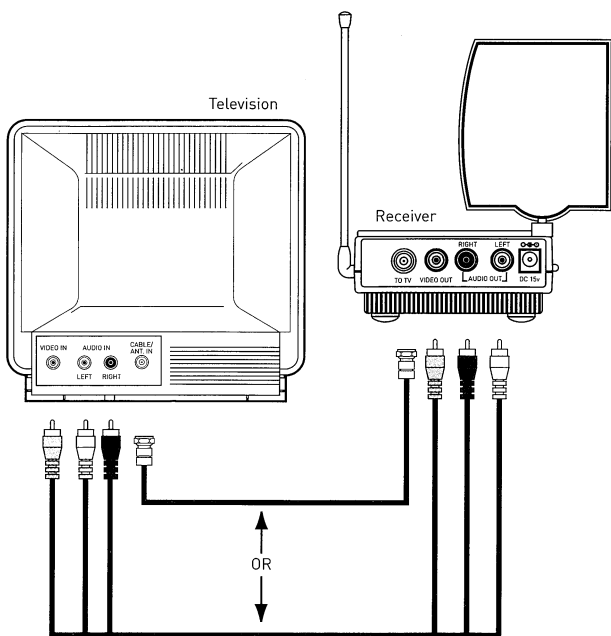
Be sure the red, white and yellow plugs on the A/V cables match the red, white and yellow jacks on both the receiver and the TV.

If your TV has only one input for audio (mono sound only), connect the white plugs on the cable to that single audio input and to the receiver's AUDIO LEFT jack. If your TV does not have A/V jacks, use a coaxial cable to connect the RF output jack of the receiver to the coaxial input of the TV.

Note: If you already have an antenna or cable connected to your TV, use an A/B switch or modulator (not included) and additional coaxial cables to connect the receiver.

3. Plug the small end of the power adapter into the back of the receiver and the other end into a standard A/C wall outlet. Turn the On/Off switch to the "On" position.
4. Make sure the receiver and transmitter units are set to the same channel.
5. Locate and orient the receiver unit according to the "Orienting the Transmitter and Receiver Units" (page 8) section of this manual.

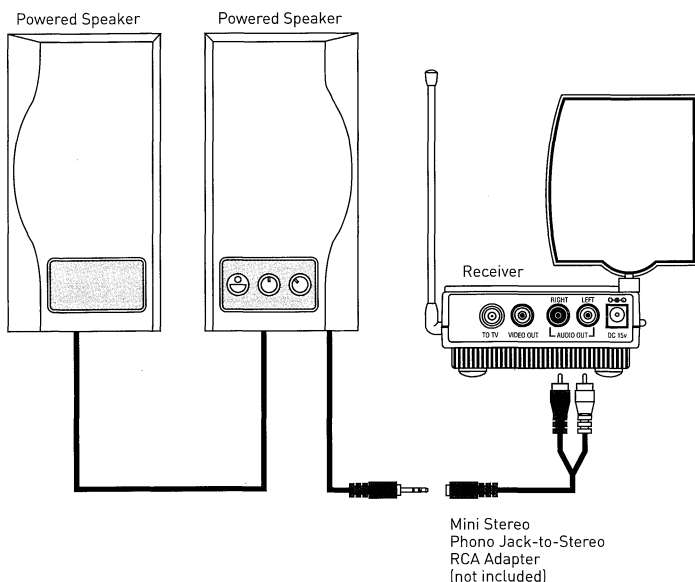
LF-30RX



Connecting the Receiver to Powered Computer Speakers

Since the LF-30RX only receives stereo audio signals and does not amplify them, the speakers you use to listen to wireless sound must be self-powered or attached to an amplifier or stereo receiver.

1. Make sure the receiver's On/Off Switch is "Off."
2. Connect the speaker input cable from your powered speakers to a "Y adapter" mini phone jack adapter (3.5mm to stereo RCA plug - not included).
3. Connect the red and white plugs of the "Y" adapter to the red and white audio jacks of the receiver.
4. Plug the small end of the power adapter into the back of the receiver and the other end into a standard A/C wall outlet. Turn the On/Off switch to the "On" position.
5. Make sure the receiver and transmitter units are set to the same channel.
6. Locate and orient the transmitter unit according to the "Orienting the Transmitter and Receiver Units" (page 8) section of this manual.



Orienting the Transmitter and Receiver Units

The LF-30S system broadcasts video and audio using the square directional antennas and your remote control signals using the whip antennas.

For optimum performance, both the transmitter and receiver antennas should be carefully oriented towards each other, and the whip antennas should be positioned vertically.

IMPORTANT: The square antennas are directional antennas – the textured side of each antenna should face towards each other.

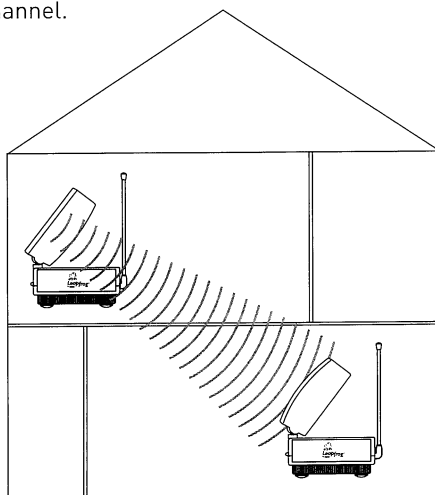
For best performance, the units should be placed as high as possible to minimize the possibility of interference from people walking between the transmitter and receiver.

Both the LF-30S Transmitter and LF-30RX Receiver should be placed on a flat, stable surface to prevent damage from falling.

For maximum range between the transmitter and receiver units, try to minimize the number of obstacles between the transmitter and receiver units, such as your TV, other electronics, large furniture or appliances.

Note: Although the antennas have been designed to pivot, they have limited rotation in either clockwise or counter-clockwise directions. Do not try to force the antennas to move beyond their range of motion or permanent damage may result. Under no circumstances should you try to fully rotate the antennas.

Always make sure the receiver and transmitter units are set to the same channel.



Important:
The textured side of each antenna should face each other

Troubleshooting

Problem

Possible Solutions

No picture or sound

Check that the power on/off switches on both the receiver and transmitter are switched on.

Make sure the receiver and transmitter's power adapter cords are firmly inserted into the units and a power source.

Check that the power to all components (DVD, VCR, TV etc.) in use, connected to the receiver and transmitter, are all turned on.

Make sure that the receiver and transmitter are both set to the same channel.

Check to make sure that the TV is set to the same channel (3 or 4) as the switch on the bottom of the receiver.

Interference: Noisy picture or sound

Adjust the receiver and transmitter's antenna orientation.

Change the channels that the transmitter and receiver are using.

If a microwave is on, turn it off.

Move a microwave from between the path of the receiver and transmitter.

Unplug a 2.4 GHz telephone from an electrical outlet.

Specifications

Approvals: UL/CSA/FCC/ISC

Channels: 4

Operating Frequencies:

Channel A 2.413Ghz

Channel B 2.431Ghz

Channel C 2.45Ghz

Channel D 2.468Ghz

Channel Bandwidth:

18 Mhz

Care and Maintenance:

Clean the outside plastic housings with a soft cloth. Never use any type of abrasive scouring powder, cleaner or solvent.

Government Approvals

USA – 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 with other devices. 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:

- Re-orient or relocate the receiving antenna
- Increase the separation between the A/V device receiving interference and the receiver
- Connect the A/V device to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for assistance

Canada – This device complies with RSS-210 of Industry Canada. Operation is subject to the following conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Limited Warranty

TERK TECHNOLOGIES CORP. (TERK) warrants this product against defects in materials or workmanship for one year from the date of purchase. During this warranty period, this product will be repaired or replaced, at TERK's option, without charge.

Please read your instructions thoroughly and use this product only as directed. This warranty does not cover any damage due to commercial use, accident, misuse, abuse, or negligence. This warranty is valid only in the United States of America.

Repair or replacement as provided under this warranty is the exclusive remedy of the consumer. TERK shall not be liable for any incidental or consequential damages for breach of any expressed or implied warranty on this product, except to the extent prohibited by applicable law. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited to the duration of this warranty.

For more information, visit www.terk.com or
for technical support, call 1.800.942.TERK (8375).

118P007

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TERK

HIGH PERFORMANCE
ANTENNAS AND ACCESSORIES

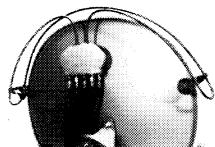


TV INDOOR/OUTDOOR ANTENNAS

TERK's family of TV antennas combine cutting edge technology, installation simplicity and unique design to enhance the reception of any TV, no matter how basic or advanced.

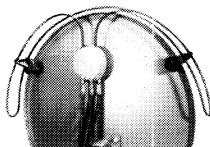
OUTDOOR

TV44 Fits 18"x 20"-24" multi-satellite dishes



Amplified Clip-on

TV42 Fits any 18" satellite dish



Amplified Clip-on

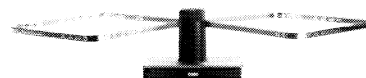
TV55



Amplified Indoor/Outdoor

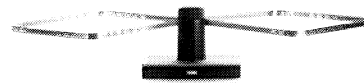
INDOOR

TV5



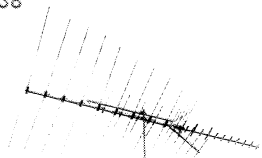
Low-profile, Amplified Indoor

TV4



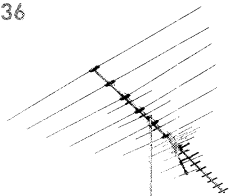
Low-profile, Indoor

TV38



HDTV/UHF/VHF/FM

TV36



HDTV/UHF/VHF/FM

TV32



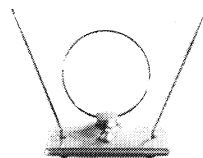
HDTV/UHF

TRK-S26



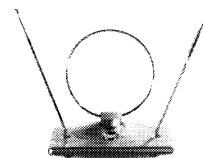
Multi-satellite Dish

TV3



Amplified, Indoor with Video Switch

TV2



Indoor, with Video Switch

TV1

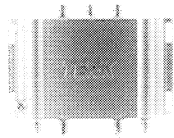
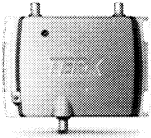

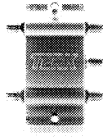
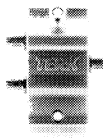


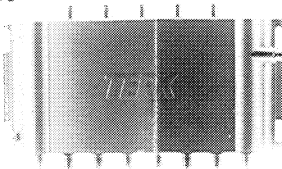
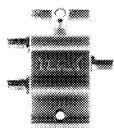
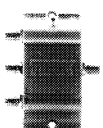





Indoor Replacement



INSTALLATION HARDWARE

Be sure that the signal quality you started with will be maintained at each TV set - you can rely on TERK as the one source for all your signal management needs.

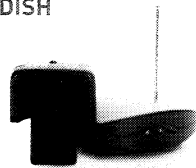
	BMS-34 	AMP-15 	BIA-20 	BDD-32 	BDS-P1 	TRG-6 	TRG-25 
	3 x 4 Multiswitch	Cable Amplifier	In-Line Amplifier	Diplexer, Dual	Diplexer, Single	6' RG6 cable	25' RG6 cable
	BMS-58 	BSP-2 	BSP-3 	BSP-4 	TRG-50 	TRG-100 	
	3 x 8 Multiswitch	2-Way Splitter	3-Way Splitter	4-Way Splitter	50' RG6 cable	100' RG6 cable	

LEAPFROG™

Imagine the ability to transmit signals from an A/V source, like a DVD player or a satellite receiver to other TVs in your home. TERK's Leapfrog brand of wireless technology features easy to use transmitters and receivers that give you the power to control audio and video components from all over your house.

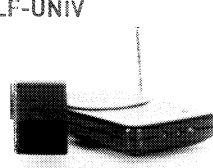


LF-DISH



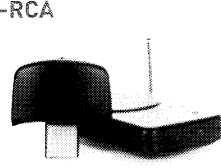
Dish Network Remote Extender

LF-UNIV



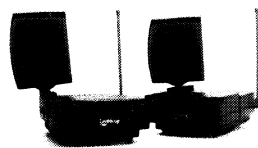
Universal Remote Extender

LF-RCA



RCA Remote Extender

LF-30S



Wireless A/V transmitter/receiver system

LF-30R



Wireless A/V add-on receiver

LF-IRX

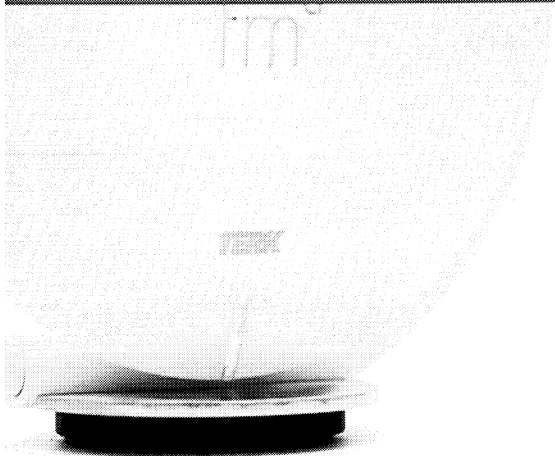


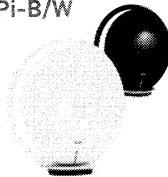







Remote Extender

For more information,
including product specifications,
visit www.terk.com or
call 1.800.942.TERK (8375)

AM/FM ANTENNAS

Distinct design coupled with high-performance technology and ease of use have made Terk antennas the ideal choice for quality radio reception. They are designed and engineered to meet the challenges of the future and are digital radio ready.

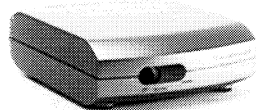
	Tower 	Q 	Pi-B/W 	FMPRO 		
		Amplified, AM/FM	Amplified, AM/FM	Indoor/Outdoor Amplified FM		
	Edge 	AM/FM+ 	Advantage 	FM+ 		
TERK Technologies 63 Mall Drive Commack NY 11725	95P006A	Amplified, AM/FM	Amplified, FM	AM/FM	AM	FM

VIDEO CONVERTERS, SWITCHES AND ACCESSORIES

Regardless of how old or new your TV is, TERK's modulators and switches simplify your home entertainment system while also enabling its expansion.



VR-1 Stops loud Commercials



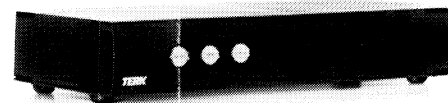
TV Volume Regulator

MINI



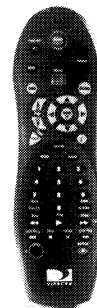
Video Converter

VS4 MOD+



Remote Controlled 4-Input Video Switch and Converter

DTVR



Universal TV Remote Control

VS4



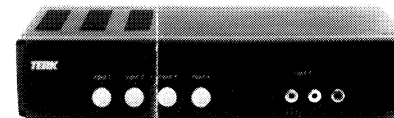
4-Input Video Switch

MOD34



Separate Video Converter

MOD41

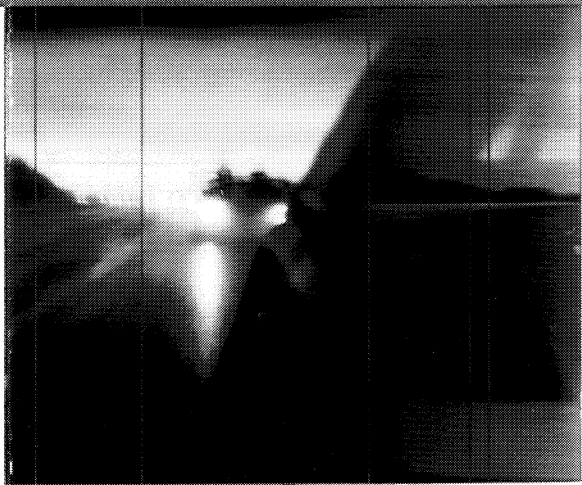
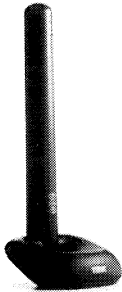





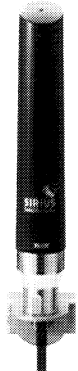
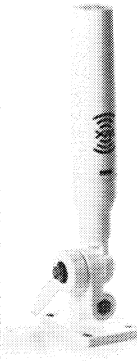



4-Input Video Switch and Converter



SATELLITE RADIO ANTENNAS

Mobile electronic technology is improving our travel experience by letting us enjoy quality radio reception and telecommunications almost anywhere. Whether you're traveling by car, long haul truck, RV or on a boat, there is a TERK mobile antenna that was designed with your exact needs in mind.

	AUTO		TRUCK				MARINE	
	XM11	XM3 XM Roof Mount SIR3	XM4-MM	XM4-CLIP	SIR4-MM	SIR4-CLIP	XM5	SIR5
		 						
	XM Glass/Roof Mount	Sirius Roof Mount	XM Mirror Mount	XM Clip Mount	Sirius Mirror Mount	Sirius Clip Mount	XM Marine Mount	Sirius Marine Mount