



LEAPFROG

LF-30S

Leapfrog WaveMaster 30  
Transmitter and receiver system



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## Leapfrog WaveMaster 30 Transmitter and receiver system

### HOW CAN YOU REMOTELY TRANSMIT PICTURE AND SOUND TO OTHER TV'S?

The WaveMaster LF30S is a wireless transmitter/receiver that lets you remotely control your A/V system throughout the home, eliminating the hassle and expense of extra wiring. It transmits across a 2.4 GHz frequency band for the clearest signal up to 150 feet away. It contains a built-in IR extender that enables you to use your existing or universal remote to control your A/V system. The LF30S is compatible with all TVs, new and old. Its multiple channel selections allow you to select from four different channels to ensure that you're receiving the best signal possible. Its built in modulator ensures a one time easy connection. The LF30S is easy-to-install requiring no tools and is clearly labeled for quick setup.

### WHAT ARE SOME OF THE WAYS YOU CAN USE YOUR WAVEMASTER LF30S?

The TERK WaveMaster LF30S is a flexible alternative to extend the capabilities of any A/V components. The LF30S can operate from anywhere within the home or office. It transmits on a 2.4 GHz signal penetrating walls, doors, ceilings and floors without interference allowing total A/V viewing freedom. The LF30S is also expandable. You can extend it for use in a variety of ways. For instance, you can use it to function as a baby monitor and security system. It can transmit signals from your CD or stereo system as well as connecting it to your computer to enjoy Internet content throughout the home.



### KEY FEATURES:

#### Easy Installation

- Built-in IR extender—enables you to use your existing or universal remote to control your A/V system
- Built-in modulator ensures easy connection to any TV, new or old, without needing any additional connections
- Compatible with all TVs, new and old
- Clearly labeled connections ensure quick setup

#### Quality & Performance

- Transmits across the 2.4 GHz frequency band, for the clearest signal up to 150 feet away
- Signal penetrates walls, doors, ceilings and floors without interference
- Multiple channel selections allow you to select from four different channels for best signal possible
- No tools are required for installation

#### Applications

- For consumers who have one A/V source that they want to view or listen to in multiple locations within their home
- For a consumer who wants to expand their home theater system

### SPECIFICATIONS:

#### Electrical Specifications:

##### Transmitter Unit

Video input: RCA JACK, 1 Vp-p 75 ohms  
Audio input: RCA JACK, 1 Vp-p, 10k ohms  
Transmitter frequency: 2.4 to 2.4835GHz  $\pm$ 0.005%  
Modulation: FM (video and audio)  
Channel number: 4 @ 18MHz/CH  
RF Output level: 110 dB V by 3 meters  
Power source: 120VAC 60Hz/9VDC, 400mA adaptor  
IR Emitter:  
Carrier Frequency: From remote source  
Distance between emitter & detect: 7 Meter (Typ.)  
Half angle:  $\pm$  33 celcius  
RF Section:  
Receiver Frequency: 433.92 MHz  $\pm$  200 KHz  
Dimension: 4.84" X 7.08" X 1.5"

##### Receiver Unit

Video output: RCA JACK, 1Vp-p, 75 ohms  
Audio output: RCA JACK, 1VP-P, 10 K ohms  
Receiver frequency: 2.4 to 2.4835 GHz  $\pm$  0.0005%  
Channel number: S

For more information about TERK mobile electronic products visit [www.terk.com](http://www.terk.com) or call 1.800.942.TERK.

