



## Locating Your Terk HDR-I For Best Results

HDR-I

1. All antennas are affected by electromagnetic fields. To maximize performance, position your HDR-I antenna away from direct contact with receivers, tuners, CD players, TVs and computers.

Note: Antennas work best when CD players, VCRs and computers are turned off.

2. Keep the antenna away from large metal objects. Placing the HDR-I near a window often provides the best results.
3. On occasions, certain areas in your home may be null points or dead spots where no radio signal can be received. This may also occur in metal-frame buildings and houses with aluminum siding. In this case, simply move your antenna, trying different locations, until the best reception is achieved.
4. In weak signal areas, optimum tuning is achieved with your receiver's scan button in the off position.

5



## Helpful Information About Your Terk HDR-I

HDR-I

Remember that no antenna can receive a radio signal that isn't there. When a usable radio signal is present, your HDR-I will improve AM and FM reception.

Note: Generally, a practical limit to radio reception is 40-50 miles from the broadcast transmitter depending on the terrain.

### Gain Control Knob

Located on the back of the HDR-I is the gain control knob. The gain control is the mechanism that either increases or decreases the antenna's amplifier intensity. The further away you are from the radio signal, the more you increase the gain. If you are very close to the radio signal, signal saturation occurs. Lowering the gain will decrease the amount of distortion. See Fig. 5.

6

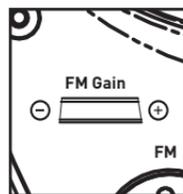


Fig. 5

## Limited Warranty

Audiovox Corporation (Audiovox) warrants this product against defects in materials or workmanship for one (1) year from the date of purchase. During this period, this product will be replaced without charge. This warranty does not cover any damage due to acts of nature, commercial use, accident, misuse, abuse or negligence. This warranty is only valid in the USA. Replacement as provided under this warranty is the exclusive remedy of the consumer. Audiovox shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on this product, except to the extent that limitations of this sort are prohibited by applicable law.

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## Common Questions

Q: Can I extend the wire on my FM antenna to place it on a window sill or somewhere away from my receiver?

A: You can extend the wire with RG-59 cable and a two-way F connector. These items are available at any electronics store.

Q: When I touch the antenna, it works better. How come?

A: When you touch the antenna and your feet are touching the ground, you are acting as a giant antenna. You can only accurately judge how the antenna is working when you let it go.



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## HDR-I

OWNER'S MANUAL



HDR-I  
Powered Indoor Antenna

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## About Your Terk HDR-I Indoor Antenna and HD Radio

HDR-I

HD Radio, (digital AM/FM transmission) is revolutionizing the way people experience radio. It provides the best of traditional transmission radio (namely free and over-the-air), with the best aspect of digital CD quality sound. The performance is dramatically enhanced. No more buzzing, static or channel overlap, just the clear music, sports, talk and news you want in your home. And, stations broadcasting in HD will be providing more content. They will be able to pack multiple broadcast channels within their frequency band, so you'll get more from the stations you already love.

Terk has been the leader in antenna technology for more than 20 years and has been making HD Radio capable antennas since its inception. To maximize your enjoyment of the HD Radio content available, you need an antenna that's designed and engineered for better performance. Terk's line of HD Radio antennas offer consumers the best in design style and engineering to receive these crystal-clear digital signals. These high-gain, ultra low noise amplified antennas will ensure you get the best possible reception.

Terk HD Radio Antennas also significantly enhance the performance of the traditional analog broadcast.

1



## Making Connections With Your New HDR-I

HDR-I

Radio tuners and receivers can have different connections for your new HDR-I antenna. Please find the connection that best matches your tuner or receiver and follow the listed instructions.

### FM Connections:

75 Ohm Coaxial:

Your TERK antenna has a Slip-On Coaxial connector on the FM lead. Simply slide the connector onto the coaxial terminal. See Fig. 1.

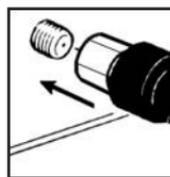


Fig. 1



Fig. 2

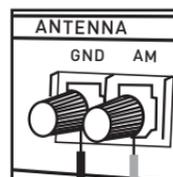


Fig. 3

### AM Connections:

Your TERK antenna uses a Twin Lead Bare Wire for AM connections. If your radio tuner or receiver has a Push-Button connection, simply slip the bare wires into the push button connections. For a Screw Terminal connection, wrap the bare wires around the screw terminals and tighten. Please note that the black wire should be connected to ground (GND) See Figs. 2/3.

2



HDR-I

**Power Connection:**  
Plug the small end of the included power supply into the jack located on See Fig. 4. Plug the large end of the power supply into any working electrical outlet.

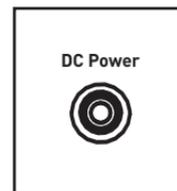


Fig. 4

**NOTE:** When plugged into an electrical outlet, your TERK antenna will remain "ON". This is not a problem because the AC adapter uses very little power. To turn "OFF" the power supply, it must be plugged into a switched outlet. Some late model radio tuners and receivers come with a switched outlet located on the back. It is safe to use this outlet for the TERK power supply.

3

## Performance Specifications

HDR-I

Frequency Range	
AM:	500 ~ 1700 KHz
FM:	88 ~ 108 MHz
FM Amplifier Gain + BP Filter:	15dB
Noise Figure:	3.0dB
FM Output Impedance:	75 ohm
FM Input/Output Return Loss:	-9dB
AM Output Impedance:	300 ohm

### AC Adapter

Input:	120VAC 60Hz/6W
Output:	12VDC 200mA

4