



AFXSM-5 ANTENNA AM/FM/SIRIUSXM

**PIXEL TECHNOLOGIES
EXCLUSIVE PRODUCT**

HIGH GAIN AM/FM/HD/SIRIUSXM RADIO ANTENNA KIT

The only multi-signal kit with SiriusXM Radio on the market

We combined our AM/FM/HD antenna with our PRO500 SiriusXM antenna to create this unique package.

This is the only setup for adding AM/FM/HD/SiriusXM Satellite Radio to a home audio system. Our kit includes everything needed to install into a client location, just add your own RG-6 cable. Included in this kit is the top-of-the-line PRO500 Satellite Radio Antenna. Unlike any other Satellite Radio antenna, the PRO500 filters out all other interference signals such as WIFI, CB radios, or Cell Phones that cause you to receive a weak signal using any other Satellite Radio antenna. In addition to receiving SiriusXM Radio signals, this antenna package receives AM/FM standard radio as well as HD FM signal.

PRODUCT DETAILS

AM/FM/HD Antenna

Our industry leading AM/FM antenna provides unmatched performance and reception of AM/FM/HD signals. Sitting 48 inches tall it is designed as an omnidirectional antenna with a rugged, high quality design that can withstand winds upwards of 100mps. Receive AM signal from 90 miles and FM signal from 80 miles away.



PRO500 SiriusXM Radio Antenna

This antenna is front-end filtered with two LNAs to clean out unwanted signals and increase signal strength.



AFS-1 & AFST-1 Multi-band Kits

The AFS-1 combines AM/FM/SiriusXM signals into 1 RG-6 cable. Separate signals using the AFST-1 separator kit.

www.pixelsatradio.com

The Leader in SiriusXM Radio Commercial Products

(800) 595-0845

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AM/FM ANTENNA SPECIFICATIONS

Details	
Antenna Length	48 Inches
AM Band Frequency	500 KHz -1750 KHz
FM Band Frequency	88 MHz - 108 MHz
Ground Plane Required	None
AM/FM Pass-band Loss	<1dB
AM Load Impedance	300 ohms
FM Load Impedance	75 ohms
Antenna Beam Width	Omni-directional

Details	
Daytime Reception	
FM Stereo	80 Miles
FM HD	50 Miles
AM(Mono)	90 Miles
AM HD	50 Miles
AM Capture Length	300 inches
FM Rejection in AM Band	> 50dB
AM Rejection in FM Band	> 60 dB

THE PIXEL DIFFERENCE

All of our products are designed and engineered to be industry leading products. We don't cut corners or build inferior products. We only use the highest quality materials when building our antennas, splitters, and components. At Pixel, we support our products with a US based call center staffed with knowledgeable representatives who are there to help. With Pixel Technologies, you can buy and install with confidence.

PRO500 SPECIFICATIONS

Details	
Optimized	Multi-path rejection
High Gain	12 dBi Antenna
Internal Amplifier	1 stage ultra-high low noise
Filter	60 dB out-of-band attenuation to RF
Cable	Works with RG-6 Coaxial
Amplification	Boosts 12dB from the antenna
Antenna Cable Length	200 feet without amplifier
Wind/Weather Resistant	Wind up to 100mp/h

ADDITIONAL COMPONENTS

Details	
AFS-1 Kit	Signal Combiner
AFST-1 Kit	Signal Separator
Hardware	Mounting brackets, bolts, nuts
Cables	SMB patch, coaxial
Adapters	Twin lead AM radio adapter
Attenuators	20 dB, 10dB
Splitters	Triplexer, Quadplexer
Grounding	Lugs, washers

More detailed information is provided in the AFXSM-5 installation manual