

SM620



Amplified Indoor HDTV Antenna with SMART Connector



User's Manual

Please do not return this item to the store.
For service or questions about your antenna, call our
customer service associates at (866) 427-3946.

APEX DIGITAL SM620

Amplified Indoor Antenna with Smart Connector

Introduction

Thank you for purchasing the SM620 amplified indoor antenna. It has been designed to provide many years of viewing enjoyment by optimizing its use with a number of installation options. Use it to connect directly to your TV or standard DTV converter box. When used with a converter box that features the SMART connector (EIA/CEA-909), the SM620 will maximize signal strength and automatically self-adjust for optimum reception anywhere you position it. This connection will also provide AC power to the antenna without the need to plug into a wall outlet.

Its stylish and space saving design compliments most entertainment systems. Lay it flat, hang on the wall or stand it up vertically in its cradle. Either way, the SM620 recognizes and amplifies digital broadcast signals while reducing interference and noise providing you with a beautifully clear digital picture.

WHAT IS A SMART ANTENNA?

Smart antennas combine multiple antenna elements with signal processing to optimize its reception pattern. The array of multiple antenna elements along with the received digital broadcast signals are weighted and combined to maximize the desired signal and reduce interference/noise. A smart antenna is therefore an adaptive array that adjusts to the environment.

WHAT'S INSIDE?

- SM620 Antenna
- A/C plug adapter
- Cradle
- Screws/Plastic anchors (2)

SPECIFICATION

- Band Zone:
- VHF: 54-216MHz
- UHF: 470-806MHz

Note: Depending on your specific location, building type, location relative to nearby tall buildings and trees, your reception results may vary. Visit www.antennaweb.org to view a list of digital broadcasters in your area. Under certain conditions, some local digital channels may not broadcast a sufficient broadcast signal to be received in your location

Installation

Find an unobstructed area near your television for best placement of your new amplified antenna. For convenience, you may lay it flat, stand up vertically in its cradle or hang on a wall. Before you hang the antenna, perform the auto channel scan process on your TV or DTV converter box holding up the antenna near the intended area. Verify that reception is satisfactory before proceeding. To hang, use the supplied plastic anchors and screws. Mark two holes on the wall vertically 6" apart. Drill holes using a 1/8" drill bit. Insert plastic anchors into the holes until flush with wall. Screw into anchors leaving a 1/4" gap between the screw head and the wall. Place antenna over screws and slide downward to secure.

Setup of your Antenna

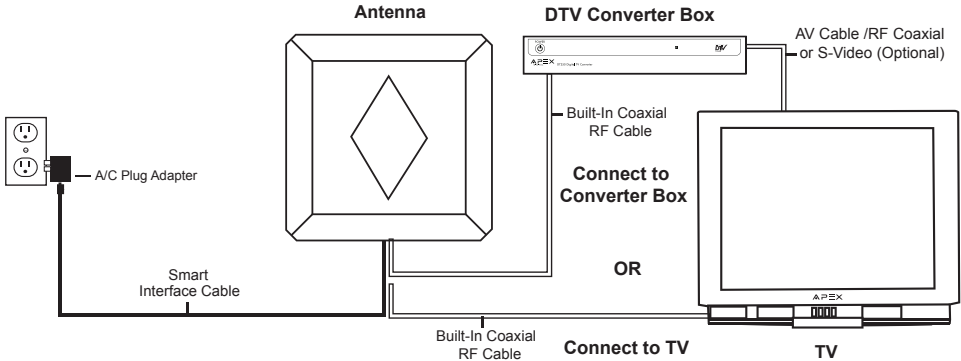
CONNECT TO TELEVISION OR CONVERTER BOX (RF ANTENNA INPUT):

Connect to a TV:

1. Screw in the built in coaxial RF cable from the SM620 to the RF INPUT/ANTENNA on your television.
2. Insert the jack on the end of the Smart interface cable into the A/C plug adapter.
3. Plug into a standard 120V wall outlet.

Connect to a DTV converter box:

1. Screw in the built in coaxial RF cable from the SM620 to the ANTENNA INPUT on your DTV converter box.
2. Connect an RF cable (not supplied) from the TV OUT on the converter box to the RF INPUT/ANTENNA on your TV.
3. Insert the jack on the end of the Smart interface cable into the A/C plug adapter.
4. Plug into a standard 120V wall outlet.



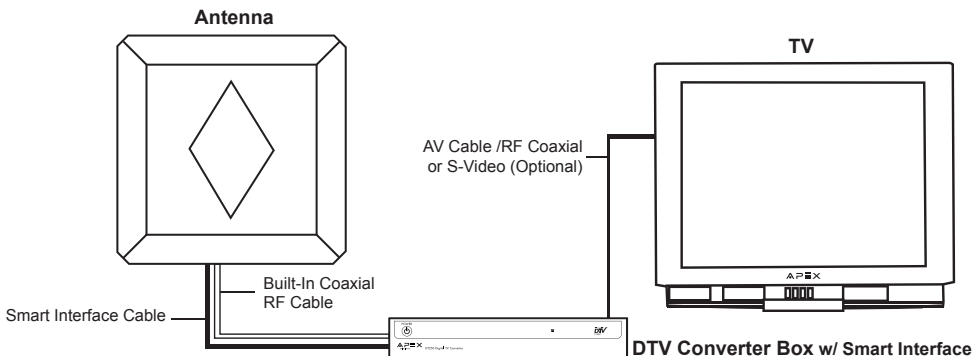
SETUP TO A SMART COMPATIBLE CONVERTER BOX:

Connect To a Smart compatible DTV converter box:

1. Screw in the built in coaxial RF cable from the SM620 to the ANTENNA INPUT on your DTV converter box.
2. Connect an RF cable (not supplied) from the TV OUT on the converter box to the RF INPUT/ANTENNA on your television.
3. Insert the jack on the end of the built in Smart interface cable into the Smart connector interface (EIA/CEA-909) located on your converter box.

Once you are connected, turn on your equipment. Start the AUTO CHANNEL SCAN process on your television or DTV converter box. Performing this function will scan for and lock into memory local digital channels whose signal strength is strong.

Note: To rescan for additional channels it is recommended to adjust the location of the antenna slightly.



Troubleshooting Tips

If you are having difficulty receiving stations, please try the following possible solutions below. Small adjustments to your antenna can make a difference.

- Try elevating and moving the antenna closer to an exterior wall.
- Adjust the position of the antenna and perform another auto scan.
- Power on both the TV and/or converter box.
- Verify the antenna is plugged into an AC wall outlet or connected to a Smart compatible converter box.
- Verify the Smart cable inserted into the Smart interface (EIA/CEA-909).
- When using a converter box tune your analog TV to channel 3; if this doesn't work tune in channel 4.

Limited Warranty



SM620 Indoor Amplified Antenna

90 DAYS PARTS / 90 DAY LABOR LIMITED WARRANTY

WHO IS COVERED?

Limited Ninety (90) Days Parts Warranty - Apex Digital warrants the parts in this product against defects in material or workmanship for a period of ninety (90) days from the date of original retail purchase. During this period, Apex Digital will replace a defective part with a new or refurbished part without charge to you. Limited Ninety (90) Days Labor Warranty - Apex Digital warrants it will be responsible for labor charges for repair or replacement of parts on this product for a period of ninety days from the date of original retail purchase. Keep the original box and packaging in case your unit requires service. You are responsible for the shipping costs to Apex Digital. E-mail or call Customer Support for detailed instruction on where to ship your product for repair. A return authorization number is required before acceptance by Apex Digital. This required number must be clearly written on the package or the delivery may be refused by warehouse personnel.

WHAT IS COVERED

Warranty repair from the original date of purchase: 90 day replacement of parts; 90 day limited labor warranty coverage. ***If you don't have proof of purchase, your unit will be considered out of warranty and charged at a flat labor rate.***

WHAT IS EXCLUDED?

Your warranty does not cover:

- Labor charges for installation or setup of the product, adjustment of customer controls on the product and installation or repair of antenna systems outside of the product.
- Product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Apex Digital, Inc.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and / or authorized, or repair of products damaged by these modifications.
- Incidental or consequential damages resulting from the product. (Some states do not allow the incidental or consequential damages, so the above exclusion may not apply to you. This includes but is not limited to, pre-recorded material, whether copyrighted or not.)
- Shipment and service to a NON-AUTHORIZED repair facility.

REGISTERING YOUR PRODUCT ONLINE:

To register your product go to www.apexdigitalinc.com. Click on Support Services, then Product Registration. Validate your warranty, gain access to customer support representatives, product news, email notifications and access to special offers.

WHERE IS SERVICE AVAILABLE?

If you previously registered your product(s) online at www.apexdigitalinc.com go to Support Services, then My Account to email your request. You may also call us at (866) 427-3946 Monday-Friday, 6am-6pm PST.

ORDERING ACCESSORIES:

You may purchase accessories by visiting www.shop-apex.com or call (866) 930-1236 anytime.