

RELIABLE

CABLE PRODUCTS

PLEASE READ THIS BEFORE INSTALLING YOUR NEW PCT-MA2-2P AMPLIFIER

This amplifier is intended for use on cable TV systems or over-the-air (Antenna) systems, NOT satellite. Connecting this product to a satellite system can damage the amplifier and will void the warranty. If you have a satellite system, please contact us to arrange a product return prior to installation.

If your amplifier is not working as expected, please be sure that you have connected the amplifier properly. Amplifier failures are very rare. Please note:



Connections:

RF IN (top right) = The connection coming FROM the cable company or from the antenna.

OUTPUTS (bottom) = Amplifier outputs, going toward your TVs and devices in the home.

PWR (top left) = connection to the power supply. Use a standard RG59 or RG6 coaxial cable, less than 100' long.

To insure the BEST performance, the amplifier should be connected at a point as close as possible to where the cabling enters the house. Ideally it should be connected before splitters and cabling degrade the signal. The amplifier only performs well if the input signal is in good shape. If the input signal is weak, you may not get the results you expected.

Here are some things to look for if the product is not working as expected:

1. Is the green power LED on the amplifier lit? When the power is applied the green power LED will be lit.
2. Do the amplifier and power supply get warm after about 1/2 hour of use? Both the amplifier and power supply should get warm during normal operation.
3. Does the picture improve, get worse, or stay the same with the power applied? A signal that gets worse when power is on indicates that the input signal is "noisy", or that the amplifier circuitry is bad. Generally a signal will get MUCH worse if the amplifier circuitry is bad
4. Have you tried different cables to connect the amplifier? Bad cables or connectors are common problems.

ADDITIONAL NOTES ON USING AN ANTENNA:

This amplifier is compatible with HD signals, but you need to be careful when amplifying an HD antenna signal. This product is designed to boost a signal for distribution purposes, but may provide mixed results if the incoming signal is not strong enough. The amplifier cannot take a weak antenna signal and make it perfect. The amplifier will boost the antenna signal, but it will also boost anything else that hits the antenna. This means that other unwanted signals received by the antenna which normally won't cause any issue could cause problems after boosting. It is possible that installing the amplifier could actually prevent reception of HD signals - because the booster may boost the noise (unwanted signals) to a point where they seriously interfere with reception.

IMPORTANT NOTE: If your poor TV picture is caused by other issues (weak input signal, cabling problems, etc.) the amplifier may not have the desired effect on your picture. In some instances an amplifier may not be able to improve your picture. Please contact us for further tips on improving your picture if you continue to have problems.

We greatly value your feedback, and we want you to be completely satisfied. Once you have installed your product, we would greatly appreciate if you took a moment to leave us some Amazon feedback on the product and your purchase experience.

USING AN AMPLIFIER WITH AN HD ANTENNA? KEEP READING.

Our goal is to help you get better HD reception. As part of that we need to educate you a bit on what WILL and WILL NOT work when amplifying an HD signal.

This amplifier is compatible with HD antenna signals, but you need to be careful when amplifying an HD antenna signal. These amplifier products are designed to boost a signal for distribution purposes, not to take a weak HD antenna signal and make it perfect. If your HD antenna signal is not strong enough to support a single HDTV (or converter box) without any splitters in the line, it is unlikely that this amplifier is going to make the signal better. Why? The amplifier will boost the HD signal, but it will also boost anything else that hits the antenna.

How do I know if I have a good HD signal?

Think of it this way. Having a good HD signal is like being in a room with a friend talking. You can hear them clearly. You can also turn up the volume (amplify) if you need to hear them better. Likewise a good HD signal will support one TV without any splitters, without any picture or audio problems.

Having a weak HD signal is a little different. Take that same room your friend is in and fill it with other people who are also talking. The room is noisy. You can still hear some of what your friend says, but not everything. If you turn up the volume (amplify), you end up turning up the volume on EVERYONE in the room, and you can still not hear. In fact it might hurt your ears because you are boosting all the noise, and you still can't hear your friend. A weak HD signal will drop out, checkerboard, lose audio, and generally be unstable. Amplifying it may only make it worse.

If your HD signal is not strong enough to support one TV, then the better choice is to install a bigger/better antenna.

Do not expect that an HD signal which cannot supply signal to a single TV without any splitters will be better with an amplifier. Do not be surprised if you try to boost a weak HD signal and you do not get the desired results. This does not mean the amplifier is defective, it simply means that the signal is not strong enough going into the amplifier. **BAD SIGNAL IN = BAD SIGNAL OUT.**

Boosting a strong HD signal can have adverse effects as well.

IF YOU HAVE A PREAMP you should NOT use this amplifier. A preamp is an amplifier mounted outside somewhere, usually on the antenna mast or on the side of the house near the antenna. Connecting this amplifier to the output of another amplifier will probably knock the picture out altogether. This is expected, and it does not mean that the product is defective. When two amplifiers are used the signal gets boosted too much, making it impossible for the TV tuner to work properly.

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