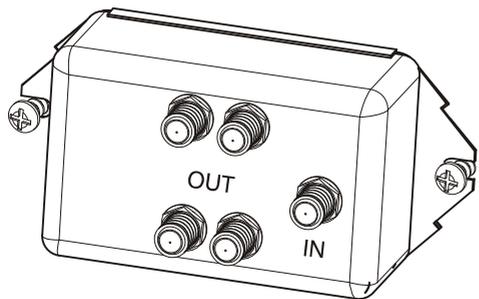




## DX-AD113 UHF/VHF/FM Amplifier



### Features

- Amplifies 50-900 MHz signals
- Low signal noise
- Flat frequency response
- Ultra stable circuit
- High sensitivity to ensure picture stability and clarity
- Easy installation, including screw brackets for stable wall mounting
- For indoor use only

### Package contents

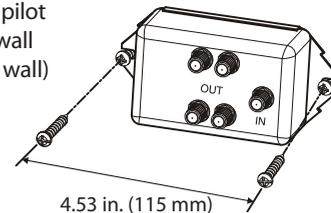
- UHF/VHF/FM amplifier
- Screws (2)
- Quick Setup Guide

### Specifications

Bandwidth	50-900 MHz	
Gain	4.5 dB	
Response flatness	$\pm 2$ dB	
Maximum output (IMA 60 dB)	86 dB $\mu$ V	
Noise figure	5.5 dB	
Impedance	Input	75 ohm x 1
	Output	75 ohm x 4
Connectors	"F" female	
Power requirement	120V ~ 60 Hz 0.02A 2.4W	

### Setting up your amplifier

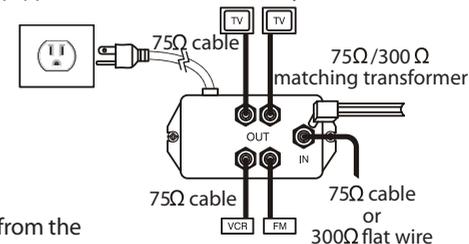
**1** To attach the amplifier to a wall, drill two pilot holes 4.53 in. (115 mm) apart and install wall anchors (if mounting to a brick or hollow wall) before securing with the two provided screws.



**Tip:** Attach the amplifier to the wall or baseboard as close as possible to where the antenna cable enters the house.

**2** Attach a 75-ohm coaxial cable (not included) from the cable TV outlet or TV to the IN connector on the amplifier.

**Tip:** If your antenna is equipped with a 300-ohm flat wire, you can attach it to an female 75/300-ohm matching transformer (not included) before connecting to the amplifier.



**3** Attach additional 75-ohm coaxial cables (not included) from the OUT connectors on the amplifier to the RF inputs of each video device you want to connect.

**Tip:** If you are not using all four outputs on the amplifier, we recommend that you cap the unused outputs with a 75-ohm terminating resistor (not included) to prevent signal loss.

**4** Plug the amplifier into an AC power outlet. Your amplifier is now in operation.

### Maintaining your amplifier

Your amplifier contains no serviceable parts. Do not disassemble.

## Safety information

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with a dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 12 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- 13 To reduce the risk of fire or electric shock, do not expose this device to rain, moisture, dripping, or splashing, and no objects filled with liquids, such as vases, shall be placed on it.
- 14 An apparatus with a three-prong, grounding-type plug is a Class I apparatus, which needs to be grounded to prevent possible electric shock. Make sure that you connect this Class I device to a grounding-type, three-prong outlet.
- 15 The wall plug is the disconnecting device. The plug must remain readily operable.

## FCC Part 15

This device complies with Part 15 of the FCC rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## ICES-003

This Class (B) digital apparatus complies with Canadian ICES-003.