

Televes preamps 560383 and 560483 installation and troubleshooting

These preamps will work with any type of TV antenna(s): VHF, UHF or combined VHF/UHF.

These preamps are LTE600 rated. They will filter out potential interference from 5G/LTE cell phone signals above 600MHz (RF channel 36).

Refer to the Televes preamp connections diagram.

All wiring should be RG-6 cable. Older RG-59 is not recommended, due to higher losses.

Mount the preamp so the connectors and cables are on the bottom (to keep the rain out).

As shown in the wiring diagram, the preamp output should connect directly to the indoor power supply. There shouldn't be any other components between them (no splitters, etc.). The only exception would be a grounding block.

There's a switch on the top left of the preamp that's labeled [VHF/UHF DC]. It should normally be left in the OFF position.

This switch controls 12V power out to the antenna(s). The only time it should be ON is if a Televes antenna is used that has a built-in preamp which requires 12V power.

After installation, rescan channels on all TV's to allow them to see any new channels. See the TV owner's manual for details.

560483 dual input model

The dual input preamp (560483) can be used with 2 of any type antennas. Both can be VHF/UHF or both VHF or 1 UHF and 1 VHF, any combination.

(However, trying to receive the same station with 2 different antennas can be challenging. At a minimum both cables from the antenna to the preamp should be identical lengths.)

The 2 gain adjustments should initially be left as is (fully clockwise), except:

- if the signal on input 1 is significantly stronger than the signal on input 2, turn control 1 CCW
- if the signal on input 2 is significantly stronger than the signal on input 1, turn control 2 CCW

troubleshooting

Don't forget to rescan channels on all TV's so they recognize any new channels.

Check that both green power LED's are ON. There's 1 on the power supply and 1 on the preamp.

Temporarily unplug the power supply and check that reception gets worse. This is a quick go / no go test that the preamp is working.

Try connecting the TV output on the power supply directly to 1 nearby TV for troubleshooting, bypassing any other splitters and cables.

If in a strong signal area, adding a preamp or amplifier can cause problems from too strong a signal, which can overload the input on a TV. This will act similar to a weak signal, pixelation, etc.

On the 2 input preamp, experiment with the gain adjustments, see the note above.

Make sure the antenna is aimed at the transmitter tower. See the web site antennaweb.org for info on the compass direction to aim at.

Higher is better for antenna reception. Outdoors is better than in the attic. Experiment with a different location on the roof.

Check all cables for rodent damage, kinks, marginally crimped connectors, corroded connections or loose connectors. Coax can be damaged by overly sharp bends – gentle curves only. Check that none of the coax clips or staples have deformed the cable.

Trees and hills can partially or totally block a TV signal. Additional antenna height MIGHT help, depending the terrain.

If still having issues, call us for tech support. Mon-Fri, 8:00-5:00 CT. 651-251-5700.

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