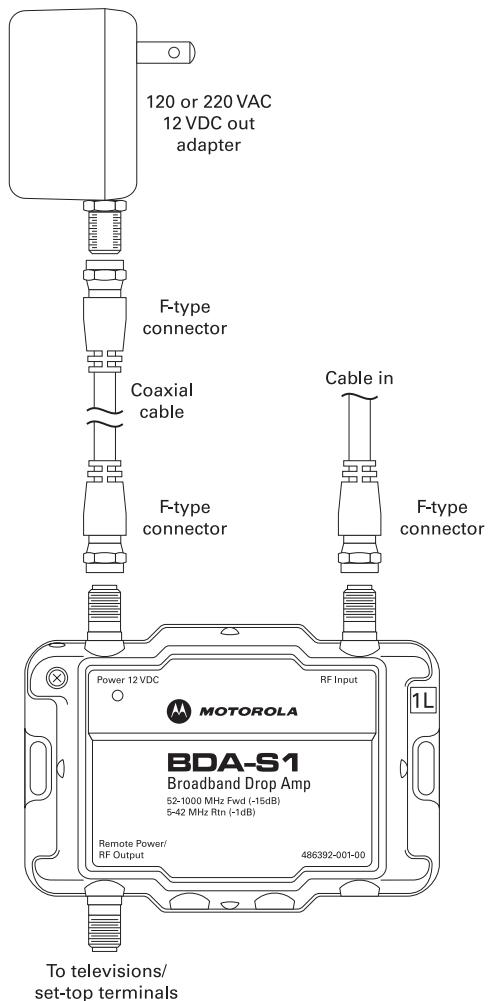


Installation

To install a BDA-** drop amplifier using local power:

1. Remove and discard the port thread protectors.
2. Connect the amplifier RF output ports (RF output 1, 2, 3, 4) to your televisions or set-top terminals using coaxial cable terminated with F-type connectors.
3. Terminate all unused ports with 75 ohms for optimum RF performance.
4. Connect the coaxial cable-in source to the RF input port of the amplifier.
5. Connect one end of the coaxial cable to the AC adapter and the other end to the power 12 VDC (18 VDC) connector on the amplifier.
6. Plug the AC adapter into the wall outlet. The LED on the BDA-** should be lit to indicate that the unit is receiving 12 VDC (S-series) or 18 VDC (K-series).

Figure 5 — Local-power installation with a 12 VDC power supply



You can also locate the BDA-** remotely in the basement or attic and power it from an AC outlet near the television. For best signal quality, install the BDA-** as close to the cable entrance as possible. Use the power inserter to send power to the amplifier through the coaxial cable attached to remote power/RF port 1 on the amplifier.

To install a BDA-** drop amplifier using remote power:

1. Connect a coaxial cable from the Remote Power/RF Output port of the amplifier to the RF-PWR port of the BDP-100/PI power inserter.
2. Connect the RF OUT port of the power inserter to your television or set-top terminal using a coaxial cable.
3. If you have a two- or four-output amplifier, connect the additional televisions or set-top terminals to the remaining output ports on the amplifier using coaxial cable.
4. Terminate all unused ports with 75 ohms for optimum RF performance.
5. Connect the coaxial cable-in source to the RF Input port of the amplifier.
6. Connect a coaxial cable from the AC adapter to the PWR IN port of the power inserter.
7. Plug the AC adapter into the wall outlet.

The power 12/18 VDC port on the amplifier remains non-terminated.

Figure 6 – Remote-power installation

