



INSTALLATION GUIDE MULTIMEDIA DROP AMPLIFIERS



PCT-MA-B-xx / PCT-BEMA2-xx / PCT-NEMA2-xx / PCT-MA2-xx / PCT-MA210-xx
1, 2, 4, and 8 Ports

Ver-2 20110106

A. GENERAL INSTRUCTIONS (OPTIONS 1 & 2)

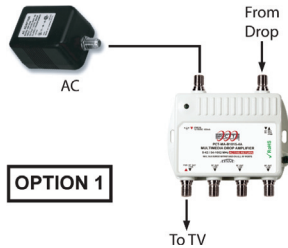
1. Install type F-male connectorized input coaxial cable to the "RF IN" port.
2. Install type F-male connectorized RF coaxial cable to the "RF OUT" port.
3. Verify AC voltage rating of power source conforms with AC/DC adaptor.
4. Minimum power requirements

Active Return: 400 mA **
Passive Return: 250 mA

- ** Warning – Using a 250 mA power adapter to power an active return amplifier may result in:
- a. Interference from hum, and
 - b. Overheating and premature failure of the power adaptor.

B. FOR STANDARD POWERING (OPTION 1)

1. Connect F-male connectorized RF coaxial cable between "PWR IN" port on the drop amplifier and power adapter F-type connection.
2. Connect the power adapter to AC voltage source.



OPTION 1

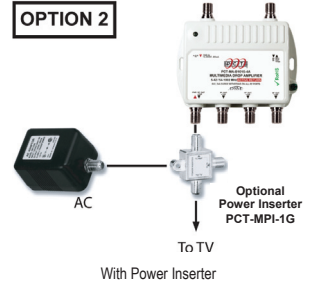
Without Power Inserter

C. FOR REVERSE POWERING (OPTION 2)

1. Connect an F-male connectorized RF coaxial cable between the port "RF OUT /PWR IN" on the drop amplifier and the "TO AMP" port on the power inserter (PCT-MPI-1G).
2. Connect the F-male connectorized RF coaxial cable to the power adapter and the "DC IN" port on the power inserter.

3. Connect the F-male connectorized RF coaxial cable from the "TO TV" port on the power inserter to distribution network.
4. Connect the power adapter to AC voltage source

OPTION 2



With Power Inserter

NOTES:

This guide covers 1, 2, 4, and 8 port models. Images shown are of a 4-port amplifier.

PCT multimedia drop amplifiers can be ordered with or without a PCT-MPI-1G power inserter. If a power inserter is required, it can be ordered separately. Please contact your local PCT sales office or representative for details.

© 2008-2011 PCT International, Inc.

All rights reserved. PCT.IS.AMP-MA.V2.201101

www.pctinternational.com

2260 W Broadway Rd | Mesa, Arizona 85202-1898 | USA
Tel +1.480.813.0925 | Fax +1.480.545.1080 | info@pctintl.com



INSTALLATION GUIDE MULTIMEDIA DROP AMPLIFIERS



PCT-MA-B-xx / PCT-BEMA2-xx / PCT-NEMA2-xx / PCT-MA2-xx / PCT-MA210-xx
1, 2, 4, and 8 Ports

Ver-2 20110106

A. GENERAL INSTRUCTIONS (OPTIONS 1 & 2)

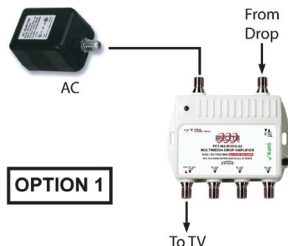
1. Install type F-male connectorized input coaxial cable to the "RF IN" port.
2. Install type F-male connectorized RF coaxial cable to the "RF OUT" port.
3. Verify AC voltage rating of power source conforms with AC/DC adaptor.
4. Minimum power requirements

Active Return: 400 mA **
Passive Return: 250 mA

- ** Warning – Using a 250 mA power adapter to power an active return amplifier may result in:
- a. Interference from hum, and
 - b. Overheating and premature failure of the power adaptor.

B. FOR STANDARD POWERING (OPTION 1)

1. Connect F-male connectorized RF coaxial cable between "PWR IN" port on the drop amplifier and power adapter F-type connection.
2. Connect the power adapter to AC voltage source.



OPTION 1

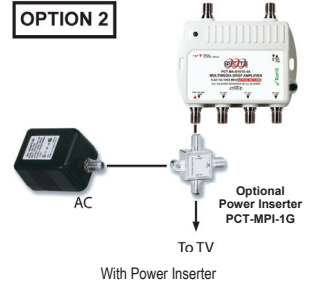
Without Power Inserter

C. FOR REVERSE POWERING (OPTION 2)

1. Connect an F-male connectorized RF coaxial cable between the port "RF OUT /PWR IN" on the drop amplifier and the "TO AMP" port on the power inserter (PCT-MPI-1G).
2. Connect the F-male connectorized RF coaxial cable to the power adapter and the "DC IN" port on the power inserter.

3. Connect the F-male connectorized RF coaxial cable from the "TO TV" port on the power inserter to distribution network.
4. Connect the power adapter to AC voltage source

OPTION 2



With Power Inserter

NOTES:

This guide covers 1, 2, 4, and 8 port models. Images shown are of a 4-port amplifier.

PCT multimedia drop amplifiers can be ordered with or without a PCT-MPI-1G power inserter. If a power inserter is required, it can be ordered separately. Please contact your local PCT sales office or representative for details.

© 2008-2011 PCT International, Inc.

All rights reserved. PCT.IS.AMP-MA.V2.201101

www.pctinternational.com

2260 W Broadway Rd | Mesa, Arizona 85202-1898 | USA
Tel +1.480.813.0925 | Fax +1.480.545.1080 | info@pctintl.com