

UHF/VHF/FM Home Distributor

(CB-11)



Operation Manual

Introduction

This unit has been designed to be a cable/TV full band amplification and distribution adaptor.

Precautions

1. Do not expose this product to direct sunlight.
2. Keep the unit away from radiator, heat sources and magnetic field.
3. Do not place it in very dusty or humid locations.
4. Use this unit in a horizontal position only.
5. Do not put heavy objects on top of the converter.
6. Put the unit in an open space that has good ventilation.
7. If the unit is acting abnormally keep the unit away from TV or other electronic equipment.
8. Unplug the unit from the power supply when it is not to be used for a long period of time.

Features

- Designed for cable /TV full band amplification and distribution adaptor powered, sleek exterior, ideal for indoor use.
- SMT Technology ensures high reliability and durability.
- RFI shielded metal housing provides excellent isolation to external interference.
- LED display power ON.
- Maximum 20 dB gain adjustment for each output

Operation Control and functions

Top View



1. **Gain control-** Adjust the level of amplification to the desired level. Turn the knob clockwise for higher gain. The maximum gain is 20dB.
2. **Power LED-** This will light up when the power supply has been turned on.

Back Panel



1. **RF output 1-** This is an RF output port.
2. **RF output 2-** This is an RF output port.
3. **RF output 3-** This is an RF output port.
4. **RF output 4-** This is an RF output port.
5. **RF input-** This is an RF input port.
6. **DC 12V Input-** Connect your power supply here.

Connection and Installation

The AC adaptor power unit should not be plugged into a wall outlet until all connections are complete.

- Using your connector cable connect the output port (Number 1/2/3/4 on the rear panel) to the output device (TV).
- Using your connector cable connect the input port (Number 5 on the rear panel) to the input device (VHF/UHF TV Antenna).
- Use the gain control knob to adjust the level of amplification (Number 1 on the top view panel).

Once all connections are complete please connect the power supply provided to the power socket.

Specifications

Frequency Range	40-862 MHz
Gain	20 dB (40-750 MHz) 750-850 MHz 10dB
Gain Control	0-20 dB
Noise Figure	Less than 5 dB
Max. Output level at –60 dB intermodulation distortion	90 dB
Input	75 ohm, F-Connector *1
Output	75 ohm, F-Connector *4
Power Source	DC 12V, 200mA Center positive
Dimension	145 (D) X 90 (W) X 33 (H)
Weight	750 Grams