

BRK-8D OPERATOR GUIDE

Features

- Microprocessor controlled PLL agile modulator
- Front panel digital display
- 13 dBmV minimum output
- Covers CATV channels 65-139 and TV channels 14 to 83
- Front panel mode button for easy selection of TV/CATV channels
- Front panel push button control for easy channel selection

Description

The modulator model BRK-8D is a low cost frequency agile modulator developed for use in adding satellite, VCR, or security video channels to an existing home distribution system. It allows the addition of channels over the Ultra band and UHF band of frequencies at an extremely low cost. The modulator has a double sideband, 13dBmV minimum output that is free from spurious distortions. The

selection of the output channel to be made from the front panel. The selected channel number is displayed in the channel selection window. The agile design provides maximum flexibility while allowing installers one model to cover the Ultra band and UHF channels.

Weight: .45 lbs. not including wall adapter

Adapter: Input 120V, 60Hz, 9W

Output 15vdc, 300mA

Specifications

Output Channels: TV: Chs. 14-83 and CATV Chs. 65 thru 139

Output Level: 13 dBmV minimum

Output Impedance: 75 ohms

Frequency Stability: Video 250 kHz Audio ± 3 kHz

Connectors: "F" for RF out , National for power in and RCA for baseband audio and video

Dimensions: 3.375" W x 3.75" H x 1.125" D

Operating Temperature: -10° to 50° C

1. CATV/TV LED:

When this light is on the unit is operating in CATV mode. When off the unit is operating in TV mode.

2. CHANNEL :

Push this button to select a higher channel.

3. CHANNEL :

Push this button to select a lower channel. This button also functions as a select switch for TV, CATV Standard, HRC and IRC mode.

4. MODE:

Push this button to access mode options then use CHANNEL button

to choose mode. After mode is chosen push mode button again then use CHANNEL select buttons for desired channel.

5. MODE INDICATOR LED:

Position of this indicator designates the unit is operating in either CATV Standard, HRC or IRC modes. When indicator is off the unit is operating in TV mode.

6. CHANNEL DISPLAY Displays channel number and mode.

7. RF OUTPUT: Connect this port to television.

8. AUDIO INPUT: Accepts any baseband audio output source such as satellite receiver, VCR, security camera or cable converter.

9. VIDEO INPUT: Accepts any baseband video output source such as satellite receiver, VCR, security camera or cable converter.

10. POWER INPUT: Connect this to wall adapter using RG59 or RG6 coax cable.



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