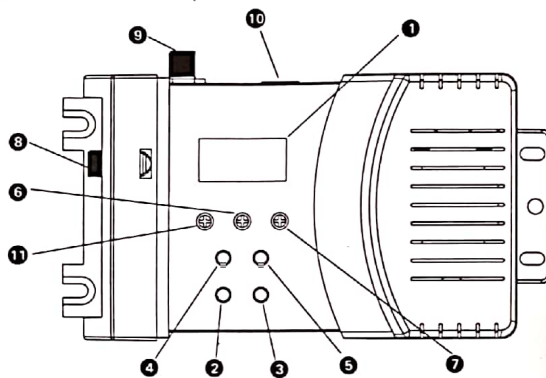


OPERATION MANUAL

▲ Features

1. MCU controlled PLL, high accuracy and stability of video carrier and audio subcarrier.
2. Audio subcarrier selectable: 5.5MHz, 6.0MHz, 6.5MHz.
3. With RF loop input and auto storage at power outage.
4. LED channel number display.
5. Double side band modulation for non-adjacent usage.
6. Output level adjustable.

Function Diagram



- 1 - Channel Display
- 2 - Down
- 3 - Lock
- 4 - Up
- 5 - Mode selection (channel group/audio subcarrier)
- 6 - Video Level Adj. (Counter Clockwise to Bright)
- 7 - Audio Level Adj. (Counter Clockwise to Loud)
- 8 - RF Output
- 9 - RF Loop Input (eg. for ANT input)
- 10 - HDMI Input
- 11 - RF level Addition.

▲ Specifications

※ RF

- Freq. range: VHF: CH2~CH4.S1~S10.
VHF III: CH5~CH12.S11~S41.UHF: CH21~CH69
- Output Level: 90dBμV Min.
- A/V Ratio: -15±2 dB
- Video Carrier Freq. Accuracy: ±5KHz
- Output Return loss: 14dB
- Spurious Rejection: 50dB
- Output Impedance: 75Ω

※ INPUT

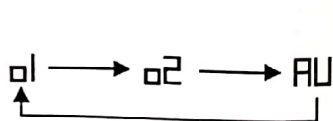
- Input Resolution: 640*480@60Hz 480i, 480p, 576i, 576p, 720p, 1080i, 1080p@50Hz/60Hz
- HDMI Version: HDMI 1.3
- HDCP Version: HDCP 1.3

※ GENERAL

- Input Voltage: 100-240V~50-60Hz
- Operation Temperature: -20℃ to + 50℃

▲ Operation Instruction

1. Connect HDMI source to the input port of modulator, RF output to TV, then plug power cord.
2. The modulator is set in CATV channel mode when issued from factory, with the initial mode, click mode selection key continuously, the mode number display changes according to following sequence.



- 1 Indicates CATV channel setting mode.
- 2 Indicates TV channel setting mode.
- AU Indicates audio subcarrier setting mode.

Notice: Mode number just display temporarily while switching, normally the LED displays channel number.

3. Click mode selection key until display □2, means selecting TV channel setting mode. The LED will change to TV channel number display automatically, (eg. 2. represents TV channel 2). Then use Up/Down key to set the desired TV channel number.

- ### ▲ Modulator Channels Allocation Table

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