

N3182

Fixed Channel Modulator

User Manual



XIAMEN NAGASIMA ELECTRONIC EQUIPMENT CO LTD

Audio & Video Modulator



Features

- Superior vestigial sideband filtering for adjacent channel systems
- Full +52 dBmV output
- Low spurious harmonic output
- Highly accurate crystal controlled oscillator
- Professional picture quality
- Front panel -25 dB test point
- Rear panel AC convenience outlet
- International models available on special order

Specifications

RF

Frequency confine: 450-860MHz

Output Level: 33 to 53 dBmV, continuously adjustable from front panel

Output Impedance: 75 ohm

Audio/Video Stability: adjustable -10 to -20 dB below video carrier

Frequency Stability: 10KHz (5 KHz in aeronautical band)

Spurious Output: 65 dB below video carrier with A/V ratio @ -20 dB

Video

Input Level: 0.5Vp-p min for 87.5% modulation

Input Type: Composite video negative sync

Visual C/N: 60 dB @ 6 MHz BW

Frequency Response: 1.5 dB (30 KHz to 6 MHz)

Hum and Noise: -60dB@87.5%

Audio

Baseband Input Impedance: 600 ohms unbalanced

Baseband Input Level: 0.5 V p-p for 25KHz deviation

Pre-emphasis: 75 microsecond

Flatness: 1.5 dB(50 Hz Hz to 15 KHz)

Video/Audio Separation: 6.5 MHz

General

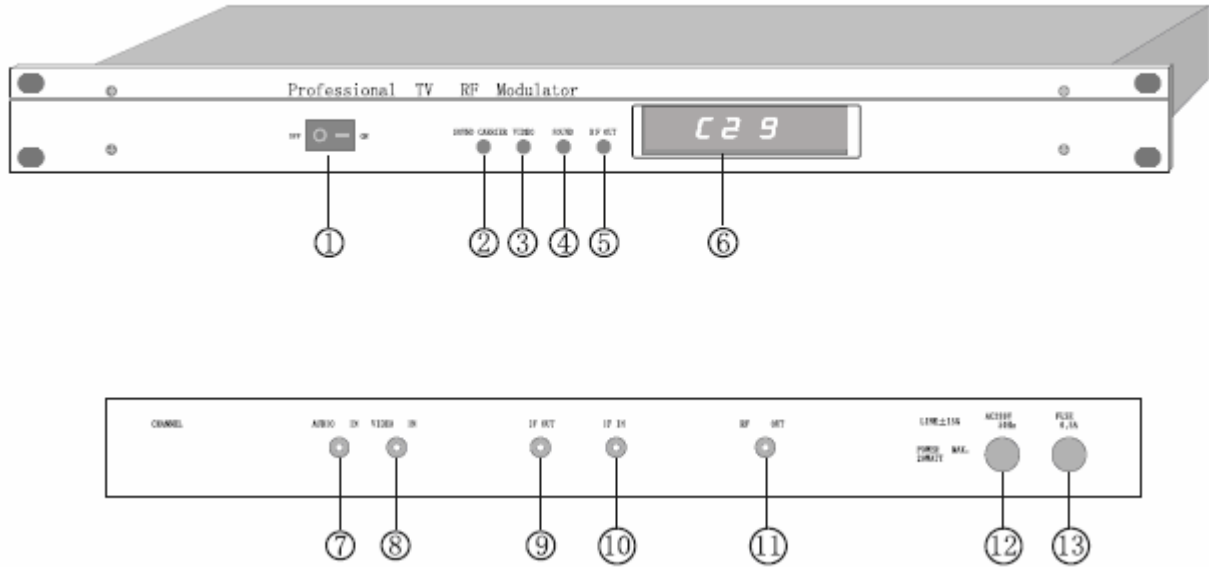
Power Input: 110 V /60 Hz 20W

Operating Temperature: -10 to 40°C

Dimensions: 19" L 7.5"D 1.75"H

Weight: 2.1Kg

(Specifications subject to change without notice.)



Operation

- 1.Power Switch
- 2.Sound Carrier
- 3.Video
- 4.Sound
- 5.RF Out
- 6.Display Screen
- 7.Audio In
- 8.Video In
9. IF Out
10. IF In
11. RF Out
12. 220V AC
13. Fuse

NOTE

If you have any questions or need further information, please feel free to contact us:

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