

AV/HD to RF Modulator

This RF modulator converts AV or HD signals into RF PAL/NTSC signals. It supports adjustable RF output as well as video and audio adjustments.



Product Overview



The modulator features intuitive controls for video and audio adjustment, along with clear input port labeling for easy integration.

Professional AV/HD to RF Modulator

This high-performance modulator is designed to convert AV or HD signals into RF PAL/NTSC signals, allowing for the seamless distribution of audio and video content over standard coaxial cable networks. Featuring MCU-controlled PLL technology, it ensures high accuracy and stability of both visual carrier and audio subcarrier frequencies. Ideal for home entertainment systems, this device supports adjustable RF output, multiple audio subcarrier options, and includes convenient features like LED channel display and auto-storage during power outages.

Technical Specifications



Compact design with clearly marked output channels and TV standard compatibility.

Frequency Range	45 MHz
Output Level	90 dB μ
Video Input Level	0.8V P-P for 80% \pm 10% modulation

Key Features

Core Functionality

- MCU controlled PLL for high stability
- RF loop input support
- Auto-storage at power outage
- LED channel number display
- Double side band modulation for non-adjacent usage
- Selectable AV or HD signal input

Selectable Audio Subcarrier

5.5MHz, 6.0MHz, 6.5MHz