

# ORBITECH

**SATELLITE SERVICES LLC**  
THE LEADER IN SATELLITE TECHNOLOGIES

## ORBITECH ORB-16 Factory Direct Pricing FEATURES



Solutions for Cables Analog cutoff:

Complete conversion and distribution to your equipment (cardio machines or individual tv screens) without the need for a converter box at each tv /screen location.

Our ORB- 16 Mini modulator is a all in one complete system with combiner, distribution amplifier and 16 channel slots in a standard 19" rack space.

16 Fixed or Agile mini-mods fully adjustable Adjacent channel workable.

Units are stack able to provide additional channels.

The pre-built headend system is configured into a standard 19" 4-post rack with ventilated shelves, cooling fans and surge protection. Various heights 71" & 84".

Units are balanced, then burned in and rebalanced.

**Options:** Video messenger Electronic Signage DVD Players.

Each of our units are shrink wrapped and crated for shipping to your location.

Installation Services by our factory technicians or contractor of your choice.

For pricing and additional information on ORBITECH'S pre-built Headend Systems Custom Design and installation services please contact us.

Multi-location discounts available. Also available for export.



**ORBITECH SATELLITE SERVICES**

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[www.Orbitechsatellite.com](http://www.Orbitechsatellite.com)

## 16 Channels Module Type Modulator

### Features

This 16 channels module type modulator is low cost and high stability, specially designed for CATV system. Professional design with simple installation. It is easily operated or maintained by users.

1. 1 set can install 16 channels. Adjacent channel workable.
2. Individual function keys for each channel, simple operation.
3. High efficiency SMPS enable stable performance.
4. 19" rack mountable.

### Specifications

Frequency Range	47 ~ 860MHz (Any one channel)
Output Level	≥110dBuV
Output Level Adjustment Range	0 ~ -20dB (Variable)
Video to Audio Carrier	-10dB ~ -30dB adjustable
Output Impedance	75Ω
Spurious Output Suppression	≥60dB
Frequency Accuracy	≤±5KHz (VHF), ≤±10KHz (UHF)
Video Output Reflection	≥12dB (VHF); ≥10dB (UHF)
Video Input Level	1.0Vp-p (87.5% Modulation)
Video Input Impedance	75Ω
Differential Gain	≤5% (87.5% Modulation)
Differential Phase	≤5° (87.5% Modulation)
C/L Delay	≤45 ns
Flatness	±1dB
Video Modulator Depth	0 ~ 90% (Variable)
Video S/N	≥55dB
Audio Input Level	1Vp-p (±50KHz)
Audio Input Impedance	600Ω
Audio S/N	≥57dB
Audio Pre-weighted	50us
Power Supply	AC 120V±10% 60Hz±2Hz, 50W



Mini Mod, available in fixed or agile