

# HDMS4X12P

HIGH DEFINITION 250MHz TO 2150 MHz  
POWERED 4x12 MULTI-SWITCH

HDTV Labs



## Description

The HDMS4X12P is a Professional-Grade Rack-Mountable Powered 4 by 12 Multi-Switch designed primarily for DirecTV. The HDMS4X12P is compatible with transponder signals from satellites 99°, 101°, 103°, 110°, and 119°. Integrated voltage regulators and tone generators allow direct connection to DirecTV dish antennas. Multiple HDMS4X12P switches are easily combined with splitters and HDTV Labs HDSSFG20B Fixed Gain or HDSSAG20B Adjustable Gain Satellite/Transponder Selectors. Each channel covers a frequency range of 250MHz to 2150MHz. **MADE IN USA**

## Features:

- 19" Rack Mountable
- Occupies 1 Rack Space
- Integrated Voltage Regulators and Tone Generators for Dish Operation
- 4 Inputs that Support DirecTV Satellites 99°, 101°, 103°, 110°, and 119°
- 12 Independent Outputs
- Corrosion-Resistant F Connectors

## Specification

	Minimum	Typical	Maximum
Frequency Range .....	250MHz		2150MHz
Input Power.....		-20dBm	-5dBm
Loss.....		10dB	13dB
Channel-to-Channel Isolation.....		>65dB	
DC Supply Voltage.....		18V	20V
DC Supply Current (Without Dish Connected).....		1A	1.2A
99°/101° Odd Transponder LNB Voltage.....	12.5VDC	13.75VDC	14.5VDC
99°/101° Even Transponder LNB Voltage.....	17VDC	18VDC	20VDC
103°/119° Odd Transponder LNB Voltage.....	12.5VDC	13.75VDC	14.5VDC
103°/110°/119° Even Transponder LNB Voltage.....	17VDC	18VDC	20VDC
22kHz Tone Generator Frequency.....		22kHz	
22kHz Tone Generator Amplitude.....	0.5Vp-p	0.8Vp-p	

For Indoor Use Only. Operating temperature of the HDMS4X12P is 0°C to +85°C.

The mechanical dimensions are 19"W × 6.6"L × 1.75"H.

(Specifications subject to change without notice.)