

# Masthead Amplifier UHF 24dB with 4G/5G Filter and Power Supply 10MM-MD24UP



The MD24UP is a UHF 24dB masthead amplifier with a VHF passive pass through. Featuring >30dB of 4G/5G LTE filtering to prevent interference from mobile transmission.

## Features and Benefits

- » 4G and 5G LTE filter built in from 694MHz. Filter attenuation @ 750MHz: >30dB at maximum gain for UHF of 24dB
- » Maximum gain of 24dB with 10dB of adjustment
- » VHF switch diplexing with maximum attenuation of 2.84dB at 230MHz
- » Can be used with separate UHF/VHF antennas or combined UHF/VHF antennas
- » Heavy-duty UV stable outdoor weather proof casing
- » Includes 14V DC power supply and cable ties for mounting



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*For the Best*

## Specifications 10MM-MD24UP

Amplifier			
Input 1	VHF		
Input 2	UHF or VHF+UHF		
VHF passive	174-230MHz		
UHF frequency range	526-694MHz		
UHF gain	14-24dB		
Input model switchable		Mode 1	Mode 2
	VHF In	No signal	VHF
	UHF/V+U In	VHF+UHF	UHF
Output	Output to System (14VDC Input)		
Return loss	>12dB typical		
Output	>102dBuV		
Noise figure	<=5dB		
Impedance	75 Ohm		
Power consumption	90mA		
All "F" female connectors			
Alloy diecast housing dimension	98 x 50 x 18m		
Waterproof ABS plastic housing dimension	123 x 108 x 50mm		
Power Supply			
Power adaptor	190-240V AC/50-60Hz		
Output	DC 14V/300mA		
Antenna Port	'F' Male		
TV Port	'F' Female		
Nickel plated alloy housing			
DC cable length	1.8m		