

# Masthead Amplifier VHF/UHF 30dB with 4G/5G Filter and Power Supply 10MM-MA30PDF



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The MA30PDF is a 4G/5G filtered wide band VHF/UHF amplifier suitable for use in all capital cities and regions with broadcast up to 652MHz (Channel 46). Featuring filtering from 652MHz to deliver greater filtering from 700MHz for 4G and 5G LTE signals.

## Features and Benefits

- » 4G and 5G LTE filter built in from 652MHz from greater filtering at 700MHz. Filter attenuation @ 720MHz: 14dB @ 750MHz: 30dB
- » Maximum 25dB VHF gain and 30dB UHF gain with 20dB of independent adjustment
- » Heavy-duty UV stable outdoor weather proof casing
- » Use with a combination antenna or separate VHF and UHF antennas by setting the in-built switch
- » Includes 14V DC power supply and cable ties for mounting
- » VHF input return loss: >13dB, UHF input return loss: >11dB



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## Technical Data 10MM-MA30PDF

<b>Amplifier</b>			
Input 1	'F' Female (VHF)		
Input 2	'F' Female (UHF or VHF+UHF)		
VHF frequency range	174-230MHz		
VHF gain	5-25dB		
UHF frequency range	470-652MHz		
UHF gain	10-30dB		
Input mode switchable		Mode 1	Mode 2
	VHF In	No signal	VHF
	UHF/V+U In	VHF+UHF	UHF
Output 1	'F' Female (DC 14V)		
Return loss	>12dB typical		
Output	>120dBuV		
Noise figure	<=5dB		
Impedance	75ohm		
Alloy diecast housing dimension	98x50x18mm		
<b>Power Supply</b>			
Power adaptor	190-240V AC/50-60HzA		
Output	DC 14V/300mA		
Antenna Port	'F' Male		
TV Port	'F' Female		
Alloy housing with nickel plated			
DC cable length	1.8m		