

Disclaimers

We reserve the right to modify design or specification without notice, in the light of future developments. Performance figures quoted are typical and subject to normal manufacturing and service tolerances. At end of life this products should not be disposed of with household waste, please recycle where possible.

AMP MASTER

MHA24F



User Instructions

Introduction

Ampmaster MHA24F single input mast amplifier offers an unparalleled combination of low noise, outstanding input filtering and adjustable gain control. A green LED power indicator shows when power is connected. Fully screened and fitted with industry standard F connectors, the amplifier is enclosed in a moulded ABS weather proof housing suitable for outdoor application. The captive amp module can be tilted up to 45° within the weatherproof housing, simplifying Input & Output connections. A sturdy steel mast clamp enables quick and secure mast amp. fixing. Built in filtering attenuates LTE 700 4G phone signals above 694MHz and radio communications signals below 88MHz by some 40dB.

Description

Single input 24dB Television, FM & DAB+ Radio Mast Amplifier, with variable gain to 13dB and Lte700 filtering >-40dB. Maximum Output Signal Level 103dB μ V. Power 12V @ 60mA DC.

Features include

- Industry-leading noise performance <2dB typical
- Sturdy metal mast clamp
- LED power indicator, a useful aid for fault finding
- Input filtered to minimise the possibility of interference
- Suitable for Outdoor use, close to the antenna

Power Supply

As MHA24F is line powered an independent 12VDC power supply > 60mA with Injector is required. We recommend PS12DCP 300mA regulated SMPS power supply unit, with short circuit protection and a green fault indication LED. Alternative 12V power supplies, including amplifiers with line powering options can be used, providing the additional 60mA required to operate your MHA24F is available.

Read the instructions that come with your PSU carefully before installation.

For more information go to:-
www.antennawarehouse.com.au

Fixing method:

Mount the amplifier on a vertical section of the antenna mast, below the antenna - using the built-in mast clamp. For minimum signal loss with UHF/VHF signals mount as close to the antenna as practical. Reasonable clearance - at least 300mm - should be maintained to avoid disturbing the antennas performance.

12 Month Guarantee

Your amplifier is guaranteed for 12 months from date of purchase, against faulty materials and workmanship. This guarantee excludes accidental damage from installation procedure, malicious damage and damage from natural causes such as lightning or static discharge. Your guarantee will be invalidated by installation or use other than in accordance with these instructions, unauthorised attempted repair or opening of the amplifier module. This warranty is in addition to your statutory rights.

Safety Precautions

- To avoid risk of electric shock we recommend that the power supply and all connected equipment are not connected to mains power until installation is complete.
- Distribution systems supplying signals to more than one household should include electrical isolation between each household or by the use of isolated outlet plates.
- If you are in any doubt about installation, refer to an experienced antenna installer.
- When working on an outdoor installation, avoid contact with overhead power lines at all costs.
- Observe safe working practices. Tread carefully and ensure adequate lighting is available in roof spaces.
- Follow manufacturer's operating and safety instructions when using tools or equipment.
- Only carry out work outdoors at height if you are competent in the use of ladders and related access equipment.
- Follow ladder manufacturer's instruction labeling.