



Mercury 4G Ready VHF/UHF Distribution Amplifiers [AMD02, AMD04, AMD06, AMD08] User Manual

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User Manual



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A range of Distribution amplifiers with built in 4G LTE filter, designed to improve the quality of audio and video by amplifying weak VHF/UHF signals and distributing them across a designated area. Suitable for both professional and domestic installations and fully compatible with Digital Terrestrial/Satellite/Cable TV and DAB/FM radio signals.

Features:

- Fully screened amplifier compatible with Digital Terrestrial/Satellite/Cable TV and DAB/FM radio signals

- Integrated LTE signal filter avoids interference and channel loss from 4G mobile signals
- Coaxial socket connection, F socket adaptors included to allow F-Type connection
- Built in low noise amplifier with wideband output
- Built in surge protection – LED lights when a power surge is detected
- Short circuit protection – LED illuminates when a short circuit is detected on an output
- Maximum output limiter prevents overload
- High gain output for additional distribution connection
- Separate inputs for VHF and UHF
- DC pass allows the control of satellite via Magic Eye remote extender (124.157)
- Side mounted terminals allow easy cable management

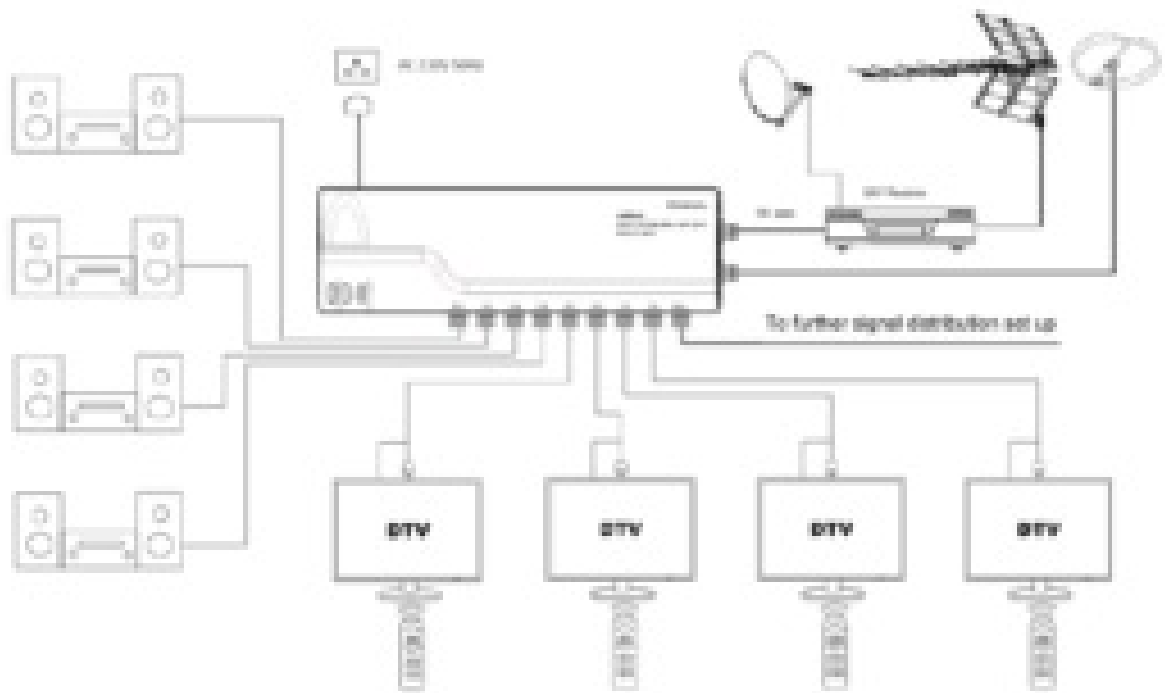
Specifications:

	AMD02	AMD04	AMD06	AMD08
No of inputs	2	2	2	2
No of outputs	2+Full	4+Full	6+Full	8+Full
Frequency response	47-230MHz, 470-790MHz	47-230MHz, 470-790MHz	47-230MHz, 470-790MHz	47-230MHz, 470-790MHz
Max output level	94dBµV	90dBµV	87dBµV	87dBµV
Gain per split	12dB	8dB	8dB	8dB
Gain on Full	20dB	20dB	20dB	20dB
Noise	<4dB	<4dB	<4dB	<4dB
Isolation loss	22dB	22dB	22dB	22dB
Dimension	134.5 x 70 x 44.4mm	179.5 x 70 x 44.4mm	224.5 x 70 x 44.4mm	269.5 x 70 x 44.4mm
Weight	270g	350g	420g	500g

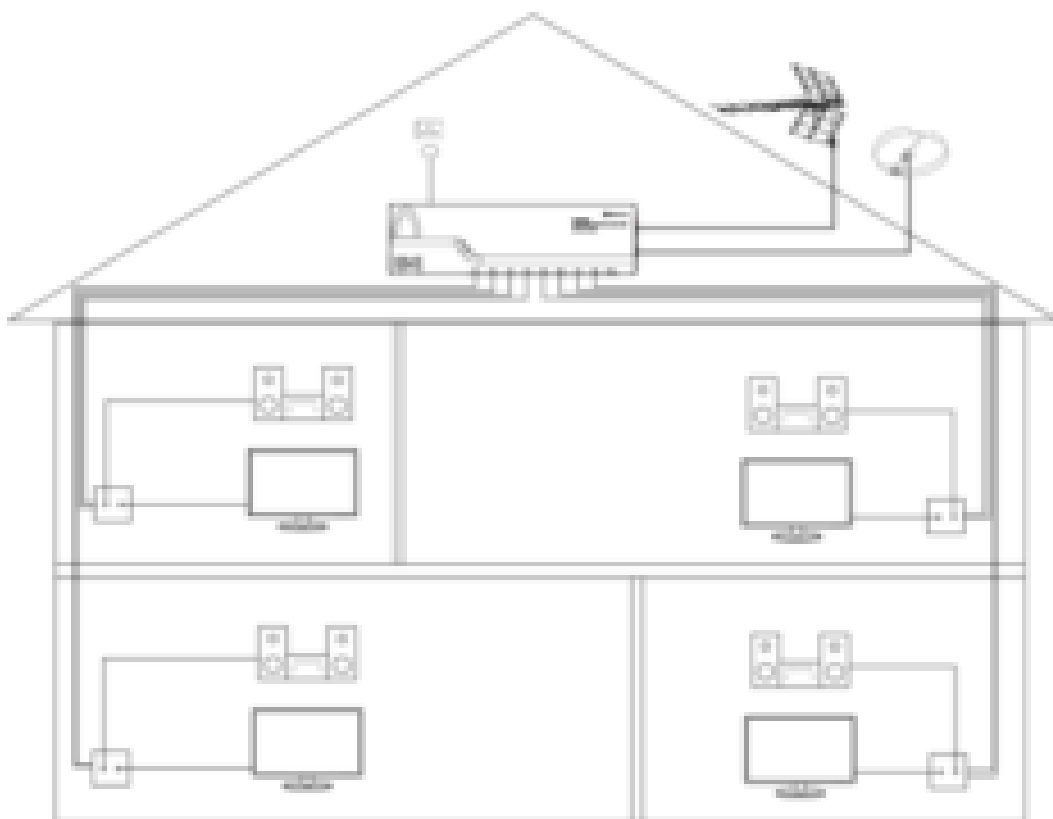
Installation:

Before installation please ensure all devices to be connected to the amplifier are switched off and disconnected from the mains. The unit is designed to be connected via coaxial connectors, although f-type adaptors are also supplied for additional compatibility. On the back of the casing there are also two mounting holes which allow the unit to be fixed to the wall.

AV:Link distribution amplifiers are designed to amplify weak, poor quality signals and distribute them to different destinations. For installations that are close to a TV transmitter or any other form of radio transmitter or high-power source, you may experience blocking or a frozen picture. In this instance an attenuator is required for turning down the signal to suitable levels for TV viewing.



The above diagram shows AMD08 receiving TV signals from the Satellite receiver and FM/DAB aerial and distribute the signals to 4 individual hi-fi and 4 TV units. The AMD series amplifier is designed with DC pass function. All 4 TV's can also be set up with a "Magic eye" (remote extension unit) to allow remote control of the satellite receiver when the TV is not the same room. This can only be done when you connect the RF2 output to the UHF input of the amplifier. Note: only one satellite channel can be viewed at any time from the Satellite receiver.



It is also suitable for upgrading or replacing existing UHF/VHF signal distribution units, simply reconnect the existing connector from the previous unit to the AMD amplifier. Ensure the UHF aerial is connected to the UHF input of the amplifier and FM/DAB aerials are connected to the VHF input of the amplifier. For loft distribution

installation please ensure the unit is kept away from moisture and water.

Safety warnings:

- Do not use this appliance if it is damaged in any way.
- Do not attempt to repair this appliance or take apart under any circumstances, as this will invalidate your warranty.
- Do not use this appliance for anything other than its intended purpose, and do not use outdoors.
- Use only a damp cloth to clean the surface of the appliance and never attempt to clean while it is on or still hot.
- Please ensure you have read these instructions thoroughly before first use and keep them for future reference.



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

Errors and omissions excepted.
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