

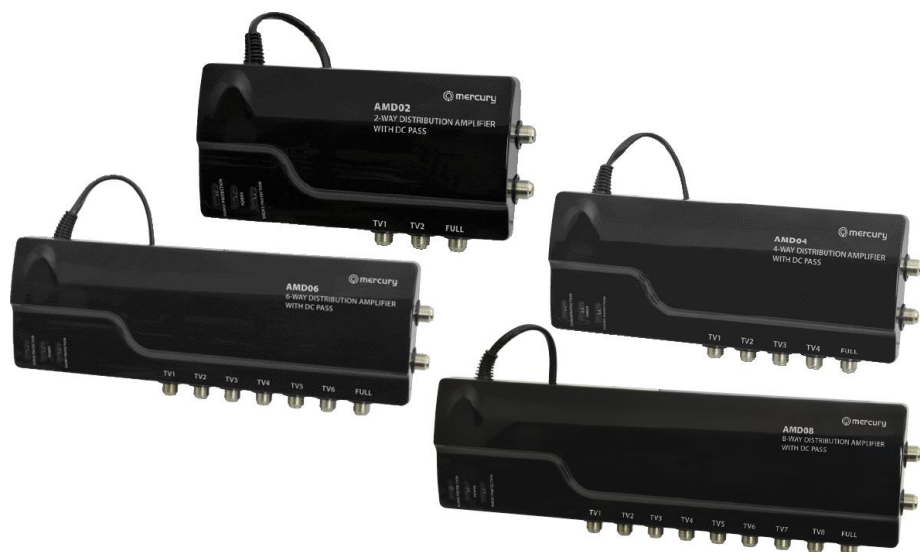
## AMD SERIES

### 4G READY AERIAL

### DISTRIBUTION AMPLIFIERS

Item ref: 130.030UK, 130.031UK,  
130.032UK, 130.033UK

### User Manual



### CAUTION

Please read through this manual carefully before use. This product is strictly for indoor use only, please install this product in dry and cool environment and keep out of the reach of children and pets.



Please do not open cover, contain high voltage. This product is not serviceable or repairable by end user. Please return to dealer for repair



## INTRODUCTION:

Thank you for choosing Mercury AMD series distribution amplifier. It is designed to amplify weak FM/DAB/TV aerial from aerial and distribute to multiple outputs, ideal for domestic or commercial use to distribute FM/DAB/DTV(DVB-T, ATSC, ISDB, T-DMB)/Sat signal to different room/area.

## PRODUCT FEATURES:

- Separate dedicated inputs for VHF and UHF signal.
- Built in low noise high gain amplifier to boost weak signals from aerial.
- Built in mixer to give wideband VHF and UHF output.
- Integrated LTE signal filter avoids interference and channel loss from 4G mobile signal.
- Full gain output to for a long cable run.
- DC pass allows the control of satellite via Magic Eye remote extender (124.157UK)
- Built in surge and short circuit protection, and maximum output limiter prevents overload.

## SPECIFICATION:

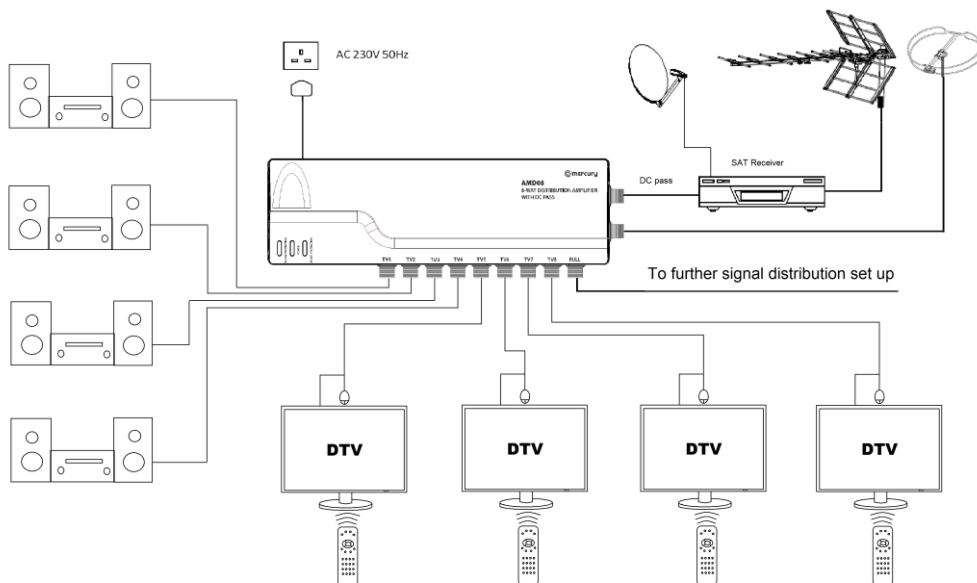
	AMD02	AMD04	AMD06	AMD08
Item ref	130.030UK	130.031UK	130.032UK	130.033UK
No of inputs	2	2	2	2
No of outputs	2+Full	4+Full	6+Full	8+Full
Frequency response	47-300MHz, 470-862MHz	47-300MHz, 470-862MHz	47-300MHz, 470-862MHz	47-300MHz, 470-862MHz
Max output level	94dB $\mu$ V	90dB $\mu$ V	87dB $\mu$ V	87dB $\mu$ V
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
Dimensions	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 installing please ensure all devices to be connecting to the amplifier are switched off and disconnected to the mains. The unit is designed to be connected via "F" connectors for secure connections, for coax connector (RF/IEC 169-2/Belling-Lee), a coax to "F" connector adaptor will be required. At the back of the case there are two mount holes which allow unit to be wall mounted.

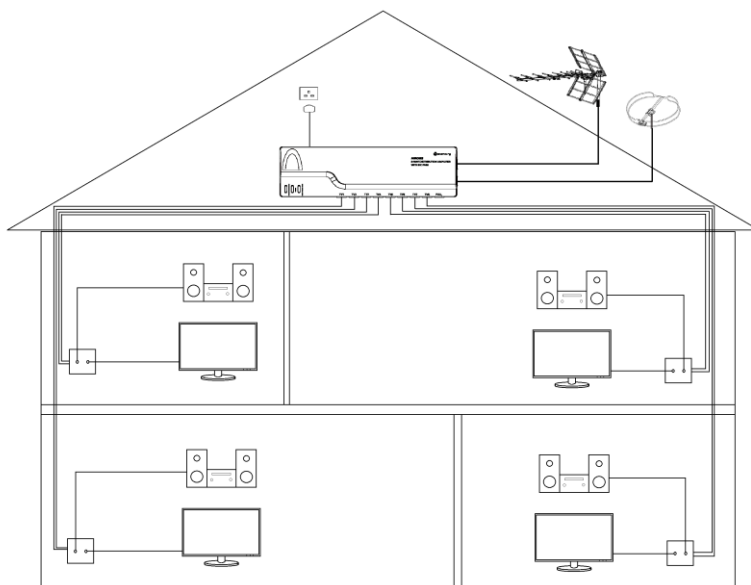
AMD distribution amplifiers are designed to amplify weak signals and distribute them to different locations. For installations that are close to TV transmitters, some user may experience blocking or a frozen picture. An attenuator may be required to reduce the input signal to the amplifier.

## EXAMPLE INSTALLATION:



This diagram shows AMD08 receiving TV signals from the Sat receiver and FM/DAB aerial and distributes signals to 4 individual hi-fi and TV units. AMD series amplifiers are designed with DC pass function. All 4 TV units can be set up with "Magic eye" (remote extension unit) to allow remote control of Sat receiver when TV set is not at the same room as the Sat receiver. This can only be done when connect the RF2 output to the UHF input of the amplifier.

Please note: only one sat channel can be viewed at any particular time from the Sat receiver. AMD series amplifiers do not require setup to operate, for Sat receiver set up please refer to your Sat receiver manual.



It is also suitable for upgrading or replacing existing UHF/VHF signal distribution unit, simply reconnect existing connecting from previous unit to the AMD amplifier. Ensure the UHF aerial is connected to the UHF input of the amplifier and FM/DAB aerial connected to the VHF input of the amplifier. For loft distribution installation please ensures the unit is kept away from moisture and heat sources.

TVs that are not compatible with digital TV will require a digital set top box for TV viewing.



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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