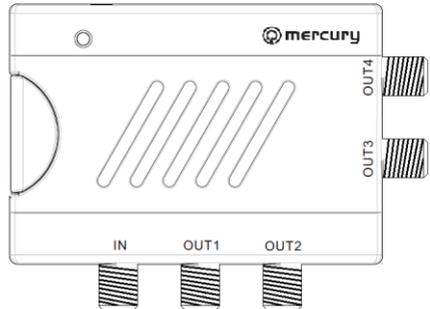
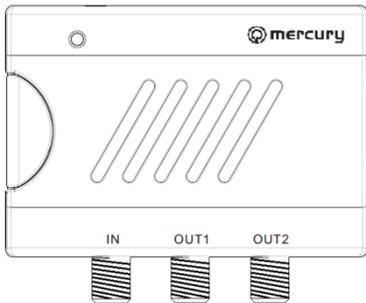


AMS SERIES
AERIAL DISTRIBUTION
AMPLIFIERS WITH DC PASS

Item ref: 130.034UK, 130.035UK
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.

INTRODUCTION:

Thank you for choosing this Mercury AMS series distribution amplifier. It is designed to amplify weak FM/DAB/TV signals from the aerial and distribute them to multiple outputs, ideal for use with passive indoor aerials or to distribute the analogue RF2 signal from a satellite receiver.

PRODUCT FEATURES:

- Easy to install, plug and play.
- Built in low noise high gain amplifier to boost weak signals from the aerial.
- LED power indicator.
- Integrated wall mount.
- DC pass allows the control of satellite via Magic Eye remote extender (124.157UK).
- Short circuit protection and maximum output limiter prevents overload.

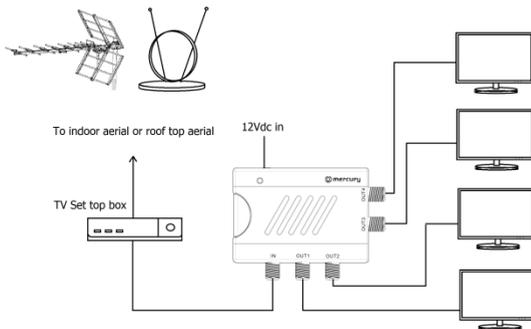
SPECIFICATION:

	AMS02	AMS04
Item Ref	130.034UK	130.035UK
No of outputs	2	4
Frequency response	88 – 862MHz	88 – 862MHz
Max output level	94dB μ V	89dB μ V
Gain per split	10dB	6dB
Noise	<4dB	<4dB
Impedance	75 Ω	75 Ω
Power	12Vdc	12Vdc
Dimensions	99 x 73 x 27mm	99 x 73 x 27mm
Weight	110g	150g

INSTALLATION:

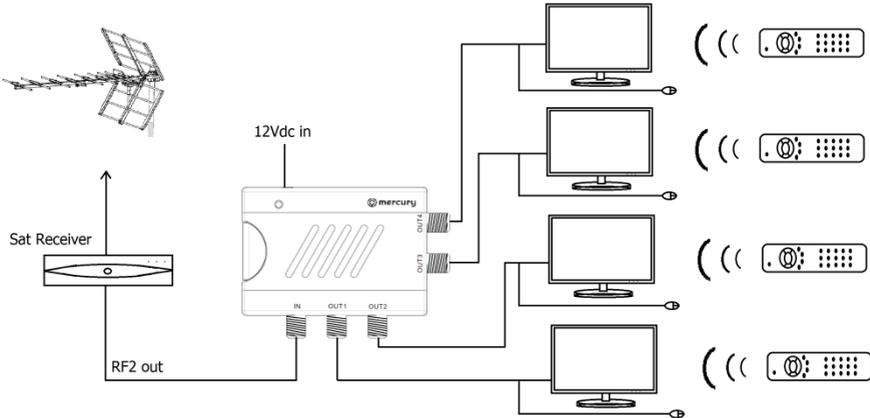
Before install please ensure all devices to be connected to the amplifier are switched off and disconnected from the mains. The unit is designed to be connected with "F" connectors for a secure connection, for coax connector (RF/IEC-169-2/Belling-Lee), a coax to "F" connector adaptor can be used.

EXAMPLE INSTALLATION:



The diagram above shows a basic example of distributing TV signal from a single aerial source. If all TV sets are digital TV compatible, set top boxes will not be required, and the aerial can be plugged into the amplifier directly.

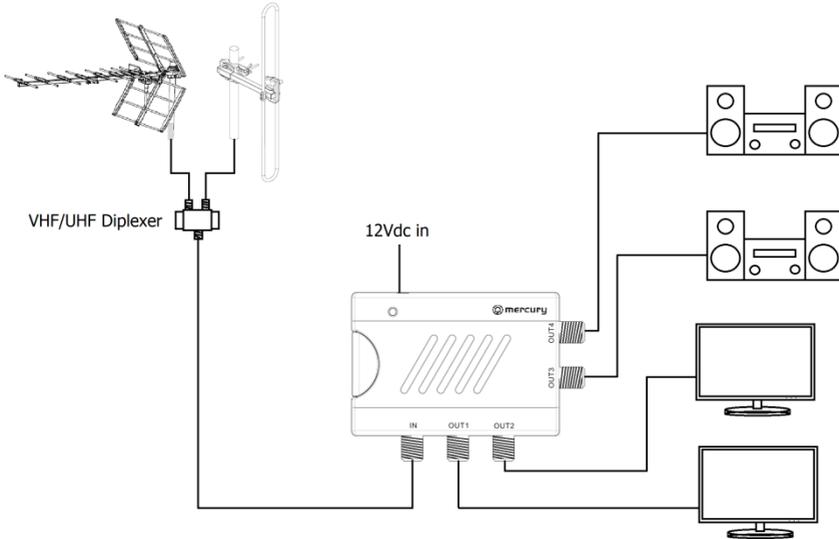
Distribution of satellite signal:



The diagram above shows how the analogue signal from a satellite receiver can be distributed. Because the AMS series amplifier is designed with DC pass, all 4 TV's can be set up with "Magic eye" remote extension units, which allow remote control of the satellite receiver. This is achieved by connecting the RF2 output of the satellite receiver to the input of the amplifier.

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

Distribution of VHF/UHF



AMS amplifiers can also be used to distribute both radio and TV signals, this will require a VHF/UHF diplexer to combine the signals to a single input.



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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