Antiference®

REMOTELINK™ LTE Distribution Amplifiers

A200 Remotelink LTE series Signal Distribution Amplifiers

Fully-screened for professional results

Antiference A200 series range of RemoteLink distribution amplifiers are designed for distributing VHF/ UHF, digital and analogue, radio and TV signals in domestic applications. These models are designed to overcome the losses due to splitting of the signal and extra cable lengths needed to distribute signal to each room as well have the ability to control a SKYHD box (An ME200 Infra Red eye is required at all outlets to enable the control facility).

All models are fully screened for high immunity to interference and impulse noise and are fitted with F-connectors for reliable and professional installation. All Remotelink series distribution amplifiers have a built in 4G filter to protect against 4G signals in the local area.
There are five models in the range which have all been designed to make installation easy.

A120D.	Single UHF input. 8dB gain with 2 outputs.
A240D.	Separate VHF and UHF inputs. 8dB gain with 4 outputs.
A260D.	Separate VHF and UHF inputs. 8dB gain with 6 outputs.
A280D.	Separate VHF and UHF inputs. 8dB gain with 8 outputs.
A2120D.	Separate VHF and UHF inputs. 8dB gain with 12 outputs
A2160D.	Separate VHF and UHF inputs. 8dB gain with 16 outputs

This New and Improved range of IR enabled distribution amplifiers have the facility to Remote power the IR sensors as well as distribute FM DAB and UHF signals around the house.

- Mains powered comes complete with fitted mains plug BS1363
- Amplifiers are available in 2, 4,6, 8 ,12 & 16 way versions
- EASYMOUNT fixings saves installation time and patience
- Powers up remote-eyes which allows remote control of the SKY™ Digi-boxes in any location
- F-type connectors ensuring a secure dc connection
- Dual Inputs to distribute FM, DAB and UHF

Fitting the amplifier

The Remotelink series of amplifiers are mains powered and are intended for indoor use only. These amplifiers are designed for continuous use. Do not locate these amplifiers where they may come into contact with moisture or sources of heat.

The Remotelink series would normally be located in a roof space but care must be taken to ensure that they are well ventilated and kept clear of any insulation material. A roof space can get extremely hot in the summer! Always ensure free ventilation and avoid covering the unit with soft furnishings when installed in a living room.

Always securely mount the amplifier on a wall or fixed board that allows easy routing of the cables. Do not allow the unit to hang on its cables as this may damage the connections or the circuit board. Do not cut off the moulded mains plug and directly wire these units to the mains supply. These units are fused at 3 amps.

Once a convenient location has been selected mount the unit with screws by the fixing lugs provided on the housing. Route all of the cables and fit the F-connectors.

Screening and accessories

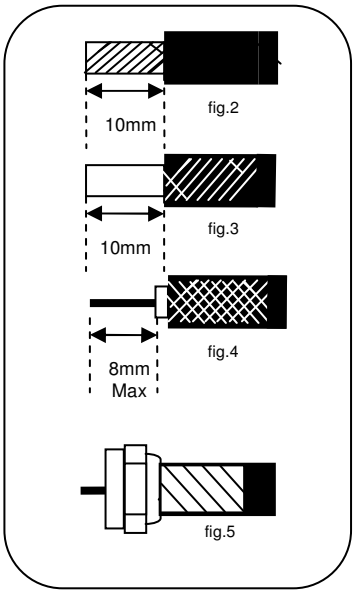
All digital installations should be installed using double screened coaxial cables and screened accessories only. Digital signal integrity and immunity to impulse noise cannot be guaranteed without adequate screening.

Antiference offer a full range of fully screened accessories. Ask your local distributor to advise you on the full Antiference range or visit our web site for further information.

We recommend using Antiference SW700 or SW710U/V fully screened outlet plates to protect the signals right to the back of the TV or digital set-top box.

Fitting F-Connectors to the cable

Fit either a professional crimped F-connector with the correct tool, or a "twist-on" F-connector following the dimensions in the diagram opposite. Strip 10mm of the plastic cable sheath to expose the screening braid (fig.2). Fold the coaxial braid back over the cable sheath neatly and evenly (fig.3). Remove any foil screening to expose the dielectric. Trim the dielectric to expose a maximum 8mm of centre conductor (fig.4). Do not allow the centre conductor to exceed 8mm as it may short inside the F-female on the amplifier. Fit the F-connector. Check that there are no whiskers of braid shorting the centre conductor.



If you require Channel 60 we recommend using one of our 75 Series amplifiers.

	A120D	A240D	A260D	A280D	A2120D	A2160D
No. of Inputs	1	2	2	2	2	2
No of Outputs	2	4	6	8	12	16
Frequency Range MHz	470-782 MHz	45-230 470-782	45-230 470-782	45-230 470-782	45-230 470-782	45-230 470-782
Return Path Frequency	5-30 MHz					
Gain ± 2dB	8dB	8dB	8dB	8dB	8dB	8dB
Noise Max. dB	<4dB	<4dB	<4dB	<4dB	<4dB	<4dB
Isolation between outputs	>20dB	>20dB	>20dB	>20dB	>20dB	>20dB
Impedance	75Ω					
Max. Output dBµV	78dBµV	78dBµV	78dBµV	78dBµV	78dBµV	78dBµV
Mains Power with Red LED	230V AC ±10% 50 Hz fitted Mains Plug BS1363					

Antiference reserves the right to change or alter specifications and features without prior notice. E&OE.

Declaration of Conformity

Hereby, Antiference declares that this amplifier for TV broadcast reception in domestic premises is in compliance with the Radio Equipment Directive 2014/53/EU.
The full Declaration of Conformity is available by contacting the following internet address: www.antiference.co.uk

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