

VISION® Datasheet

124735 EV5-104A IRS 4-way Apartment Amplifier

Unique Apartment distribution amplifier is fed directly from an IRS dSCR / Legacy system 2-inputs, SAT2, SAT1 inputs from Multiswitches.

SAT 2 Power Pass 1000mA max and 22kHz DiSEqC management.

SAT 1 output frequencies FM, DAB, UHF and Satellite; connect to SAT1 on Outlet plate

SAT 2 Band Stop filtering reroutes FM, DAB UHF to Terrestrial outputs, removes Terrestrial off SAT 2 output

Switchable gain -5, 0, +5dB Terr Gain to optimise Terrestrial output levels.

Mains powered 3A UK mains plug BS1363 fitted

Fully Screened housing to eliminate EMI interference.

The Latest addition to the EV5 range of market leading IRS equipment. This new innovation now enables central distribution and eliminates the need to have a return link from the lounge to the distribution point.

The EV5-104A is an IRS apartment 4-way amplifier that takes two feeds from the IRS system and has pass through on SAT 1 and band stop filtering on Sat 2 to reroute the terrestrial services to the outputs. SAT 2 through line does not carry terrestrial frequencies.

The Terrestrial signals can be optimised by the 3 position gain control selector.

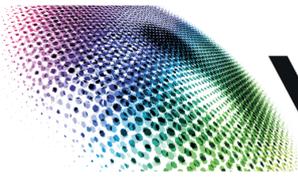
Switching control signals such as 22kHz and DiSEqC commands are managed to ensure they are unaffected and pass directly through to the dSCR or Legacy switches.



Model	EV5-104A 124735	Note
No. of Inputs	SAT 2 / SAT 1	
No. of outputs	SAT 1, SAT2 & 4 Terr	
Frequency Range SAT 1	88-2150MHz	Filtered
Frequency Range SAT 2	950-2150MHz	88-790 MHz removed
Frequency Range Terr	88MHz – 790MHz	FM / DAB / UHF 4G/LTE
Through loss	<2dB	
Selectable Terrestrial outputs	-5dB/ 0dB / +5dB	
Maximum input level Terr (IMD ³ -35)	85dBμV (79dBμV*)	EN50083-3
Maximum output level Terr (IMD ³ -35)	90dBμV (84dBμV*)	EN50083-3
Isolation Terr / SAT	>35dB	
Isolation (output to output)	>27dB	
Noise Figure	<3.5dB	
Control Signals Pass through	14V / 18V/22KHz DiSEqC	
Power	230V AC 50Hz 3W	
DC Pass through SAT 1, 2	1.0A	
Dimensions including connectors	106 x 195 x 47mm	
Weight kg	0.56kg	

In the interests of continued product improvement and development we reserve the right to change specifications, design and dimensions without prior notice. Details correct at date of publication E&OE ©2019 Vision Products (Europe) Ltd

Vision Products (Europe) Ltd, Redbourne Park, Liliput Road, Brackmills, Northampton NN4 7DT
 Tel: 01604 662748 Fax: 01604 662746 Email: technical@vision-products.co.uk
 Company Reg No: 5044512
 www.vision-products.co.uk

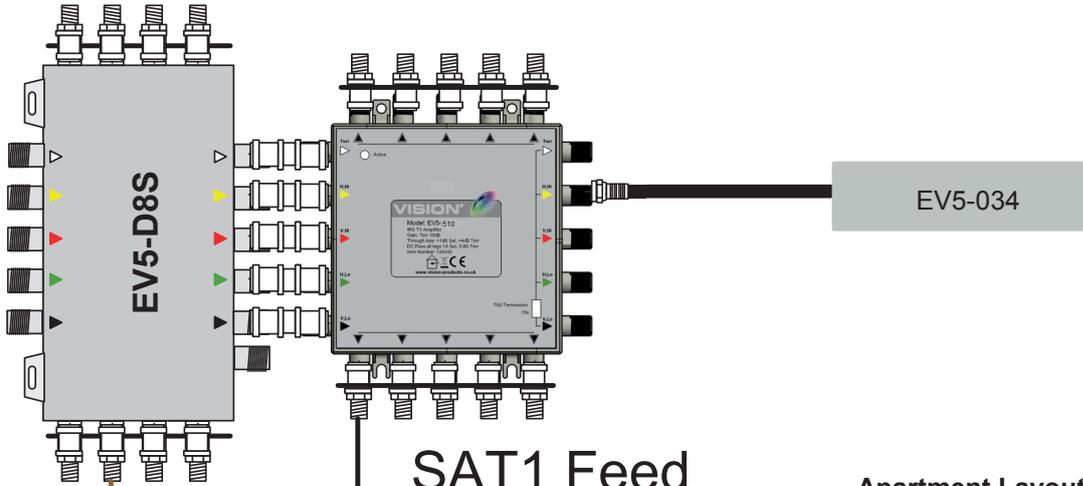


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EV5-D8S

EV5-510

Hybrid dSCR Legacy IRS system

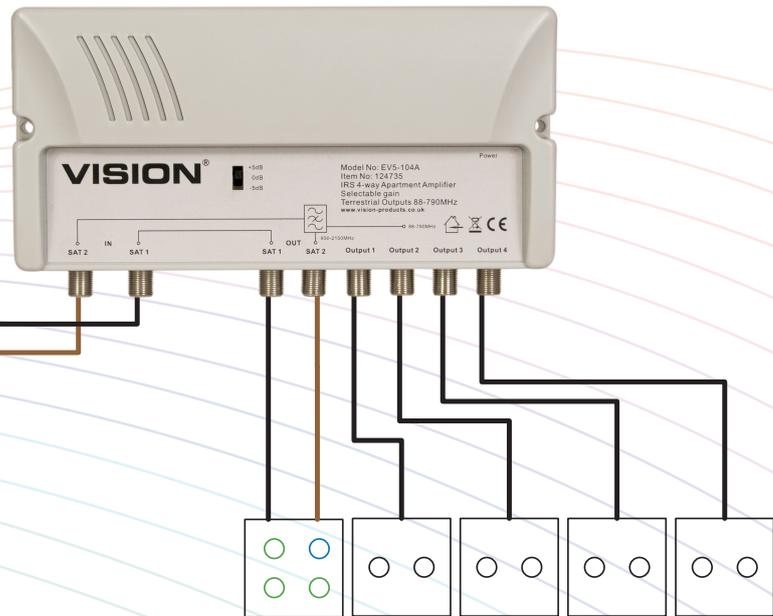


SAT1 Feed

Apartment Layout

EV5-104A

SAT 2
Feed



88-2150 MHz SAT1 output

950-2150 MHz SAT2 output

88-790MHz Terrestrial outputs

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Vision Products (Europe) Ltd, Redbourne Park, Liliput Road, Brackmills, Northampton NN4 7DT
Tel: 01604 662748 Fax: 01604 662746 Email: technical@vision-products.co.uk
Company Reg No: 5044512
www.vision-products.co.uk