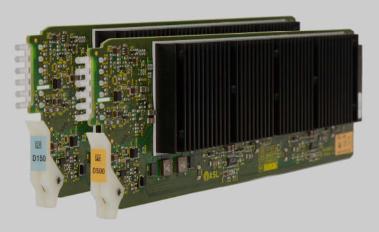


AMPLIFIER CARDS

- EN54-16 COMPLIANT
- CLASS D TRANSFORMERLESS AMPLIFIERS
- AVAILABLE IN EITHER 150W OR 500W
- 100V. 70V 0R 50V OUTPUT
- VERY HIGH EFFICIENCY AND LOW STANDBY CURRENT
- COMPATIBLE WITH THE V2000 MAINFRAME AND INTEGRA RANGE



OVERVIEW

The D150 and D500 are two class D transformerless amplifiers provide 100, 70 or 50V audio output for distributed loudspeaker systems. The amplifiers are compatible with the V2000 amplifier mainframe and LSZDC dual line surveillance interface module. The maximum output power is user configurable from 25W to 150W (D150) and from 25W to 500W (D500). Up to 10 D150 and D500 amplifiers modules can be housed within a single V2000 amplifier mainframe.

The configurable output power capability of the D500 and D150 amplifier modules enables very flexible use of the mainframe, with reduced mainframe count, lower quiescent power requirement, and improved environmental performance compared with traditional amplifier designs.

For further details please refer to the amplifier product manual or visit www.asl-control.co.uk.





SPECIFICATION

Quiescent Current Module
D500 Amplifier Module Amplification
Frequency response
Output Noisebetter than 85dB below 100V
D150 Amplifier Module Amplification
Frequency response
Output Noisebetter than 85dB below 100V
Mechanical Module Weight
Environmental Operating

Compatibility

V2000	Amplifier Mainframe
LSZDC	Amplifier Interface Card
INTEGRA Range	All In One Voice Alarm System

Product Codes

D500	500W	Amplifier	Card
D150	150W	Amplifier	Card

^{*}With RAK-FAN-01 fans fitted. Otherwise 40°C. Note that fans are required in certain configurations. See ASL design guide for more information.



This equipment is designed and manufactured to conform to the following EU Directives:

Electromagnetic Compatibility (EMC)): 2014/30/EU Low Voltage: 2014/35/EU Restriction of Hazardous Substances (RoHS): 2011/65/EU

Manufacturer:

Application Solutions (Safety and Security) Limited Unit 17 Cliffe Industrial Estate Lewes - East Sussex BN8 6JL - UK

Tel: +44(0)1273 405411 Fax: +44(0)1273 405415

www.asl-control.co.uk



Assessed to ISO 9001

LPCB Cert No: 1043QMS

All rights reserved.

Information contained in this document is believed to be accurate, however no representation or warranty is given and Application Solutions (Safety and Security) Limited assumes no liability with respect to the accuracy of such information.

¹ Specified output power can be delivered when the amplifier mainframe is being powered from either mains or 24V battery supplies.
²With RAK-FAN-01 fans fitted. Otherwise 40°C. Note that fans are required in