

VA135 Specifications

Audio Inputs	Input1 (mic level or line level)	Input 2 (mic level or line level)
Input type:	Balanced or unbalanced	Balanced or unbalanced
Configuration:	Fit LK5 to MIC or LINE as required	Fit LK6 to MIC or LINE as required
Connector type:	Internal terminal block TB1	Internal terminal block TB2
Phantom power:	5V @ < 1mA or 15V nominal > 10V @ 3mA	5V @ < 1mA or 15V nominal > 10V @ 3mA
MIC sensitivity:	0.7mV _{RMS} to 10mV _{RMS}	0.7mV _{RMS} to 10mV _{RMS}
Line sensitivity:	250mV _{RMS} to 1V _{RMS}	250mV _{RMS} to 1V _{RMS}
Level adjustment:	Via RV1	Via RV2

Audio Input 3	Line-level or 100V line-level
Input type:	Balanced or unbalanced
Configuration:	Fit LK3 AND LK4 for line-level, remove for 100V line-level
Connector type:	Internal terminal block TB3
Line sensitivity:	250mV _{RMS} to 1V _{RMS}
100V line sensitivity:	40V _{RMS} to 110V _{RMS}
Level adjustment:	Via RV3

Alarm Input	
Input type:	Switch only
Connector type:	Internal terminal block TB4
Connections:	Closing a switch across this connector enables the 1kHz alarm tone in the output
Switch requirement:	15V @ < 10mA
Level adjustment:	Via RV4
To test / level adjust:	Fit LK7 to test

Loop Output	
Output type:	Current driven
Connector type:	Internal terminal block TB5
Loop resistance:	0.5Ω to 2.0Ω
Loop drive current:	1.9A _{RMS} average, 4.9A _{RMS} peak (125ms)
Loop area coverage:	Square 135m ² (1:1 aspect ratio), Rectangular 270m ² (2:1 aspect ratio)
Loop cable:	0.75mm ² to 1.5mm ² tri-rated
Frequency response:	<50Hz to > 7kHz
Protection:	Over-current, over-temperature
PCB mounted fuses:	F1 and F2, 2A time-lag 20mm
Indicators:	Power-On via blue LED. Loop current via 4 LED bargraph

General Information	
Dimensions:	272mm x 200mm x 76mm
Mounting:	Wall mounted by 4 screws
Weight:	<3kg
Environmental:	For indoor use only – keep unit dry
Operating temp:	0°C to +35°C (Unit will function up to +50°C with de-rated output capability)
Storage temp:	-20°C to + 70°C

Vivid Acoustic Systems Limited
DTS Building, Nelson Way
Cramlington
Northumberland NE23 1WG
Tel: 01670 710740 Fax: 01670 710750
enquiries@vivid-acoustics.com

vividTM
ACOUSTICS
audio frequency
induction loop systems