



Univox[®] DLS-50

Compact loop amplifier with Dual Action AGC for home use

Features

- Compact & powerful induction loop amplifier for use with TV/digibox/satellite/VHS/DVD/stereo/MP3/microphone etc
- Univox Dual Action AGC for smooth quality sound
- Volume thumb wheel, bass and treble controls
- Rugged metal case with effective cooling for long lasting use
- Three inputs: Dedicated sensitive mic input (12V phantom power/signal level potentiometer) a mic/line input and a line input
- Easy connection to loop pad, sofa or room loop
- Separate headphones output
- Blue LED's for indication of power connection, signal source level and loop current

A compact powerful loop amplifier suitable for cashier offices, information counters and homes.

Univox[®] DLS-50 is a compact yet powerful loop amplifier for wireless listening through your hearing aid. DLS-50 is developed for maximum power, versatility and ease of use and is equipped with Univox automatic volume control (Dual Action AGC) for a smooth sound experience. The thumb wheel volume control with digits for easily memorized setting of the right field strength level along with bass and treble controls secures pure sound quality. The metal case and effective cooling ensures long lasting problem free use.

Connect DLS-50 to your TV, stereo, MP3, a microphone or any other sound source that you want to hear clearly. A super sensitive dedicated microphone input with 12V phantom power and signal strength potentiometer, a combined mic/line input and a line input makes it possible to connect your DLS-50 to virtually any sound source you like.

Choose between loop pad, sofa loop and room loop cable for use with your DLS-50 and cover exactly the area you want. Place the loop pad in your favourite chair, the sofa loop underneath your sofa or the room loop around the walls of your room and tune your hearing aid into T position. With the headphones output you can even listen to the magnetic field acoustically.

You can monitor your DLS-50 with three indicators in the front panel with blue LED's for power connection, signal source level and loop current.

Univox® DLS-50



Technical data

Power supply	External power supply 18VA (switched power supply included)
Area of coverage	50m ² room loop according to IEC 60118-4
Loop output	
Max current	9App, short circuit safe output. For loop pad (max. 2 loop pads), sofa loop cable or room loop cable
Max voltage	6.6Vpp (open output)
Frequency response	70-15000Hz (±3dB)
Distortion	<1%
Connection	2 pin DIN (loop pad and sofa loop cable) or spring clip terminal (wire)
Headphones output	Switches automatically to voltage feedback for correct frequency response when using headphones
Connection	3.5mm jack
Inputs	
Mic input	2-170mV/5kΩ (phantom voltage). Separate high gain amplifier with AGC
Connection	3.5mm jack
Mic/line & line input	10mV-4.3V/5kΩ (phantom voltage in Mic/line) knee-point setting
Connection	3.5mm jack
Dual action AGC	
Dynamic range	>70dB
Attack time	2-500ms
Release time	0.5-20dB/s
Trimmers	
Bass control	0 - +12dB, potentiometer at front panel
Treble control	0 - +9dB, potentiometer at front panel
Volume control	Graded 0-9, thumb wheel at front panel
Optical indication	
Mains connection	Blue LED
Loop current	Blue LED
Input signal level	Blue LED
Other information	
Dimensions	150x92x25mm (LxWxH)
Weight	395g including power supply
Part No	202052 (EU) / 202054 (UK) / 202056 (US) / 202058 (AUS)

Note

Power supply	Technical data may vary due to different power supplies
Dual action AGC	Variable attack/release times holding peak and average level constant
In case the TV doesn't have a Scart output	Use our microphone 13A Part No. 242401. It can be attached to your TV's speaker grid



Accessories

Part No	Description
900734	Switched power supply, 230/15V 18VA (EU)
900738	Switched power supply, 230/15V 18VA (UK)
900740	Switched power supply, 120/15V 18VA (US)
900744	Switched power supply, 230/15V 18VA (AUS)
283002	Loop pad, 400x400x5mm, 2 pin DIN, grey, cable=10m
283210	Extension cable for loop pad, 2 pin DIN, black, cable=10m
283220	Sofa loop cable incl. ext. lead, 2 turns, cable connector, 2 pin DIN, black, cable=8+10m
283240	Room loop cable roll, 0.33mm ² , incl cable clips, light grey, cable=30m
284016	AutoScart, Automatic scart switch, male to 3.5mm male
284005	SCART2, Scart connector, male to 3.5mm male, cable=2.3m
289002	Adaptor cable for car cigarette lighter for Univox DLS-50
281015	Audio cable, 3.5mm male to two RCA male, cable=1.5m
282007	Ramification cable, 2 pin DIN male to two 2 pin DIN female, cable=0.2m
242401	13A, Electret mic, velcro adhesive, 3.5mm male, cable=3m
581050	Tie-clip mic 3.5mm male, cable=1.5m
289015	Holder for wall mounting, black aluminium

Car kit

202060C	DLS-50, adaptor cable, 13A velcro adhesive microphone, tie-clip microphone and loop pad
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Kits

Choice of	Loop pad	Sofa loop	Room loop
EU power supply	202052P	202052S	202052R
UK power supply	202054P	202054S	202054R
US power supply	202056P	202056S	202056R
AUS power supply	202058P	202058S	202058R



For additional information, please refer to User Guide/Installation Guide and CE Certificate which can be downloaded from www.univox.eu. If required, spare part list or other technical documents can be ordered at support@edin.se.

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