



# Univox<sup>®</sup> SmartLoop

Portable loop driver

User Guide



Part no 202090

## Introduction

Thank you for choosing Univox SmartLoop portable hearing loop system. We hope you will be satisfied!

Univox SmartLoop assists in most types of one-to-one meetings, providing versatile desktop induction loop assistance for hearing aid users. The portable induction loop is powered by a rechargeable Lithium Polymer battery and ready for immediate use. No installation work is required.

The SmartLoop package contains:

- Univox® SmartLoop Portable loop driver
- DC Power Supply unit
- Power cable
- Mounting stand
- Info sign with T symbol
- Velcro tape
- User guide

## Safety



The installer is responsible for installing the product in a way that may not cause risk of fire, electrical malfunctions or danger for the user. Do not cover the unit or the power adapter. Only operate the unit in a well ventilated, dry environment. Do not remove any covers as there is a risk of electric shock. Please observe that the product warranty doesn't include faults caused by tampering with the product, carelessness, incorrect connection/mounting or maintenance.

## Environment



To prevent possible harm to the environment and human health, please dispose of the product responsibly by following statutory disposal regulations.

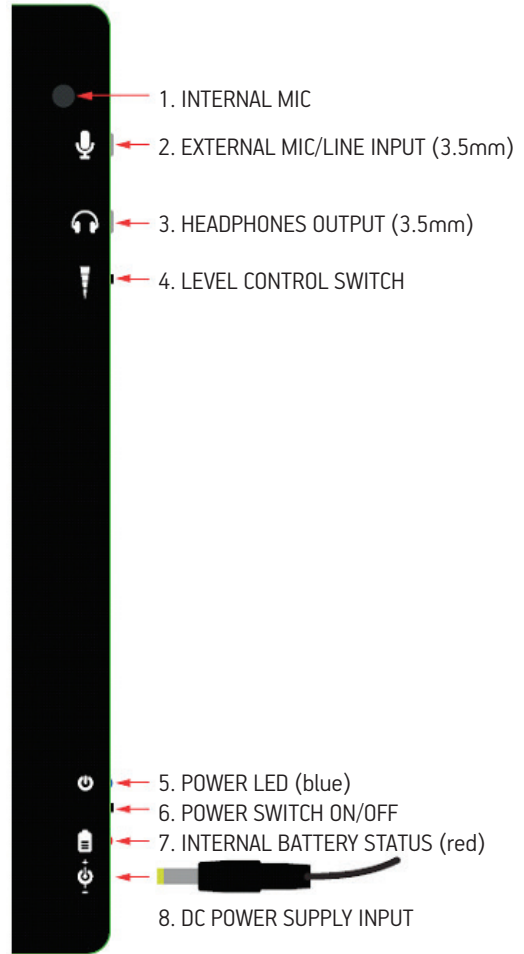
## Service

In case of failure, if the product should not work properly after the troubleshooting has been performed, please contact your local distributor for further instructions.

Refer all servicing to qualified service personnel only. If the product is sent to Bo Edin AB, please enclose a filled Service Form, [www.univox.eu/support](http://www.univox.eu/support).

## Operating instructions

1. The unit can be placed flat or in an upright position with the supplied stand mounted. For optimal performance place the unit within 1 m range between the hearing aid user and person speaking.
2. Set the Power switch (6) to "ON" to turn the device power on. Power LED (5) indicates blue. The unit can be powered by a built-in battery or an external DC power supply unit connected to the power supply jack (8).
3. SmartLoop has a built-in electret microphone but can also be used with an external headset or a conference microphone connected to the 3.5mm Mic Input (2). Adjust the sound level with the Level control switch (4). Four level settings are available within Min to Max range. Set the switch to "Min" and speak normally to check the sound level. The Headphone output socket (3) is a direct reflection of the loop signal current and the sound quality can be easily assessed at this point. Adjust the level if necessary.



## Battery Charging

The unit has a built-in rechargeable Li-polymer battery. Please charge the battery for minimum 3 hours before using the unit for the first time. To charge, connect the supplied power adapter to the DC supply input (8). Fully charged battery provides approx. 14 hours usage.

Battery status LED (7) indicates red when recharging is required. Charge for minimum 3 hours to reach the full charge.

The power supply unit should be connected whenever possible to ensure full battery capacity and optimal performance.

## Technical data

<b>Power</b>	Internal rechargeable Lithium Polymer battery External 110-240VAC switching power supply unit included	
Battery life	Power consumption	Idle current 36mA@12V
	Usage	Up to 14h
	Charging time	3h
Inputs	Internal microphone	Full output at 70dB SPL@1m
	External microphone/Line	3.5mm jack
	Phantom voltage	12V
	Mic/Line sensitivity	5mV-1.5Vrms, -45dBu
	Max input level	1.5Vrms (+5.7dBu)
<b>Outputs</b>	Headphone 3.5mm jack	
<b>Loop output</b>	Field strength (125ms rms)	max 400mA/m@1m distance
<b>Distortion</b>	<1%	
<b>Dual action AGC</b>	Dynamic Range	>50-70dB (+1.5dB)
	Attack time: 2-500ms	Decay time: 0.5-20dB/s
<b>LED indication</b>	Power On/Off	
	Battery status	
<b>Dimensions</b>	(WxHxD) 299 x248 x15mm	
<b>Weight</b>	500g	
<b>Mounting options</b>	Stand/ Velcro	
<b>Part no</b>	202090	

## Accessories

Part no	Description
241602	Univox M-2 Goose neck microphone, for table
242420	Univox AVLM5 Microphone, for wall mounting
241280	AKG CBL 410 PCC Conference microphone



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Hearing excellence since 1965

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