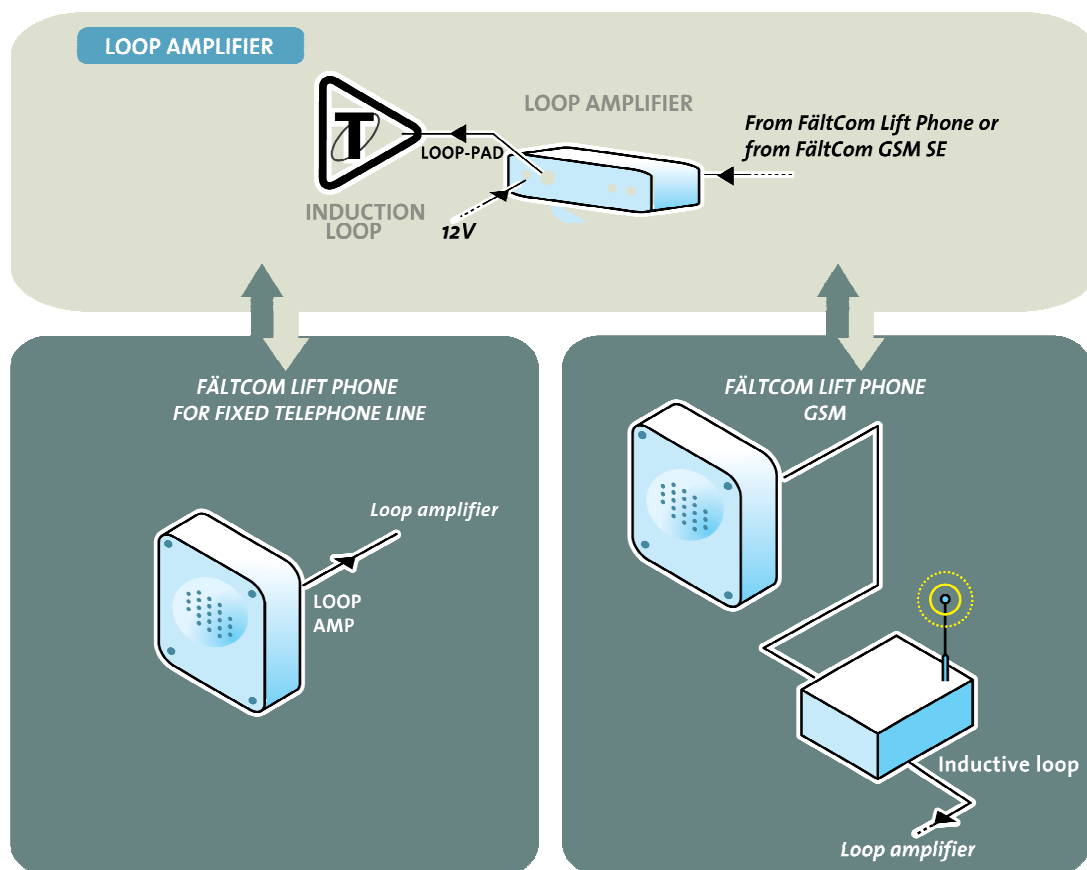


# Loop Amplifier UniVox DLS-50 Connection instructions



## Confirm the Package Contents

Art. No. 102152	• Loop Amplifier UniVox DLS-50
Art. No. 162218	• Loop Amplifier Label
Art. No. 132010	• AC/DC adapter
Art. No. 122310	• Speaker cable

## Other components needed for installation

- A FältCom lift phone
- Art. No. 122185 Spiral Loop Kit (or similar)
- Art. No. 102186 Loop Amplifier Listener (to check the signal strength)

## Installation of car loop figuration to a PSTN lift phone (Fältcom ECII SE/ Fältcom ECII FLEX)

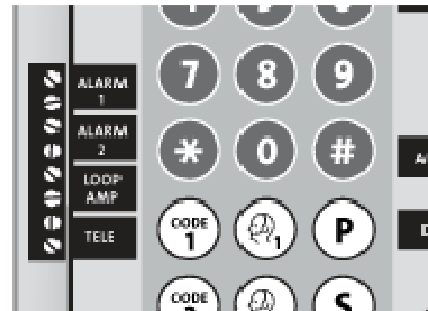
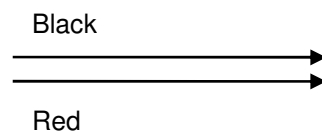
### Placement of loop figuration (spiral loop kit) and loop amplifier

It is recommended to mount the Spiral loop kit at the inner-ceiling for best signal strength. It could also be placed on top of the car but if the car top is made of metal the signal in the lift car might be to low. The loop amplifier is normally best placed on top of the car.

### Install the car loop figuration system to a lift phone

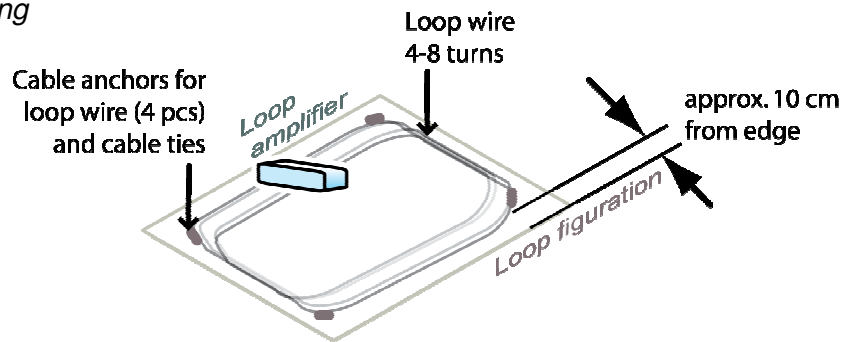
1. Install the UniVox DLS-50 (art 102152) in a suitable place, preferable on top of the lift car
2. Place the spiral loop kit (art 102185) on the top of the lift car or in the inner ceiling, preferably centered over the car panel.
3. Connect the 2 wires of the spiral loop kit to the red and black connector marked LOOP on UniVox DLS-50
4. Connect the 3.5 mm speaker cable (art 122310) plug to connector marked LINE on UniVox DLS-50
5. Connect the other ends of the speaker cable to screw connectors marked LOOP AMP on the lift phone according to the picture below

The position of black and red is important!



6. Connect the AC/DC adapter plug to the UniVox DLS-50 to connector marked 12 V AC/DC
7. When the UniVox DLS-50 has correct external power a blue LED should be on
8. When there is a signal on the spiral loop kit a blue LED should be on
9. Use the product Loop Amplifier Listener (Art No 102186) to control the loop amplifier system
10. If needed – adjust the signal strength from the UniVox DLS-50 using the signal level control from 0 up to 9

## Loop figuration drawing



## Trouble shooting

If there is no indication in the loop amplifier listener when a speech call is active in the lift phone, please check the following:

1. Is a power source connected to loop amplifier?
2. Is the speaker cable from the lift phone connected to input marked "LINE" on loop amplifier and the red and black wires correctly connected?
3. If the spiral loop is mounted on top of the lift car and the lift car is made of metal the signal might not penetrate into the lift car. Then the spiral loop must be mounted at the inner-ceiling or other suitable place

## Installation of car loop figuration to a Fältcom GSM lift phone

### Placement of loop figuration (spiral loop kit) and loop amplifier

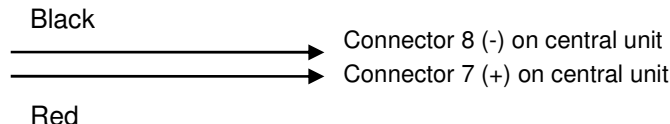
It is recommended to mount the Spiral loop kit at the inner-ceiling for best signal strength. It could also be placed on top of the car but if the car top is made of metal the signal in the lift car might be to low. The loop amplifier is normally best placed on top of the car.

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### Install the car loop figuration system to a lift phone

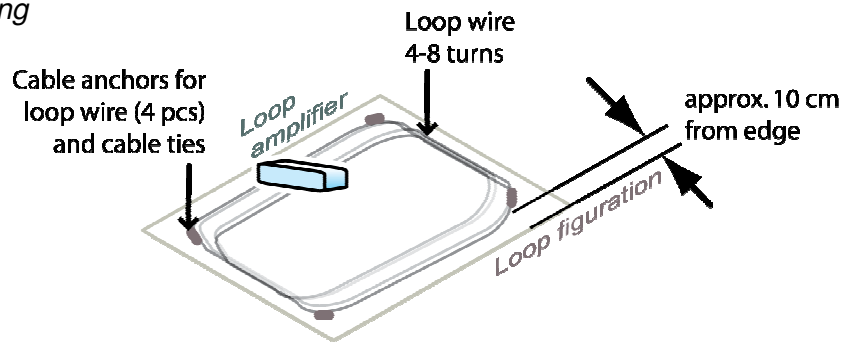
11. Install the UniVox DLS-50 (art 102152) in a suitable place, preferable on top of the lift car
12. Place the spiral loop kit (art 102185) on the top of the lift car or in the inner ceiling, preferably centered over the car panel.
13. Connect the 2 wires of the spiral loop kit to the red and black connector marked LOOP on UniVox DLS-50
14. Connect the 3.5 mm speaker cable (art 122310) plug to connector marked LINE on UniVox DLS-50
15. Connect the other ends of the speaker cable to screw connectors marked "Inductive Loop", namely "7" (+) and "8" (-) on the Fältcom GSM central unit according to the picture below

**The position of black and red is important!**



16. Connect the power cable plug of the AC/DC Adapter to the UniVox DLS-50 to connector marked 12 V AC/DC
  17. When the UniVox DLS-50 has correct external power a blue LED should be on
  18. When there is a signal on the spiral loop kit a blue LED should be on
  19. Use the product Loop Amplifier Listener (Art No 102186) to control the loop amplifier system
  20. If needed – adjust the signal strength from the UniVox DLS-50 using the signal level control from 0 up to 9
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## Loop figuration drawing



## Trouble shooting

If there is no indication in the loop amplifier listener **when a speech call is active** in the lift phone, please check the following:

1. Is a power source connected to loop amplifier?
2. Is the speaker cable from the lift phone connected to input marked "LINE" on loop amplifier and the red and black wires correctly connected?
3. If the spiral loop is mounted on top of the lift car and the lift car is made of metal the signal might not penetrate into the lift car. Then the spiral loop must be mounted at the inner-ceiling or other suitable place

## Contact information

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