

# ILT-1

## Inductive Loop



### Short description

Version 1.0 2004

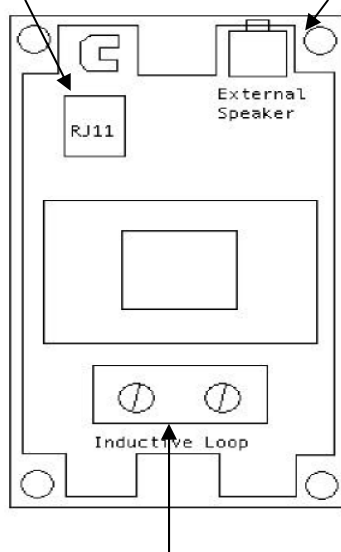
The ILT-1 Inductive Loop produces a magnetic field allowing hearing impaired people with hearing aids to communicate with the Rescue Service during alarm calls. The Inductive Loop may be connected to all TSA5100 versions and some versions of the TSA3100 (contact local distributors or the factory for more information on TSA3100 versions). The ILT-1 is a passive unit connected directly to the audio output of the TSA-unit. This is possible because the output power of a TSA5100 ranges 1 watt sine. The ILT-1 conforms to EN 81 70.

### Installation

Place the ILT-1 behind the lift control panel. Pull off the top part off the ILT-1. Use optionally a small screwdriver. When mounting with screws use the screw holes in the middle of the ILT-1 and not the holes in the corners. Connect the enclosed cable between the 4/4 modular plug in the ILT-1 (see fig. 1 below) and the external loudspeaker jack output at the front of the TSA-unit. Note that the output for external loudspeaker now is available at the ILT-1 (see fig. 1 below). In case you use an external loudspeaker PLUS the ILT-1 the internal loudspeaker needs to be disabled (int. strapping) in order not to overload the TSA5100 output. Finally connect the loop-cable to the corresponding connector in the ILT-1 (see fig. 1 and 2). The cable included in the package is the standard 3 metres cable meant for mounting behind the panel (more than 1 loop = more field in a smaller area.. Cables of length 4, 6 and 8 metres are available for lift top mounting. These cables are dedicated larger lifts. They provide a horizontal field when placed on the lift top. This is advantageous because hearing aids are most sensitive to horizontal fields. When cabling on the top of the lift the ILT-1 unit may also be mounted there. No programming is required when installing the ILT-1 unit. For testing use hearing aids for verification or a Field Strength Metre for testing the field strength. See ILT-1 Reference Manual: [www.abp-teletech.dk](http://www.abp-teletech.dk).

**Note: Make more loops out of the loop cable to increase the field strength.**

**TSA connection**      **ext. Loudspeaker**



Loop Cable fig. 1

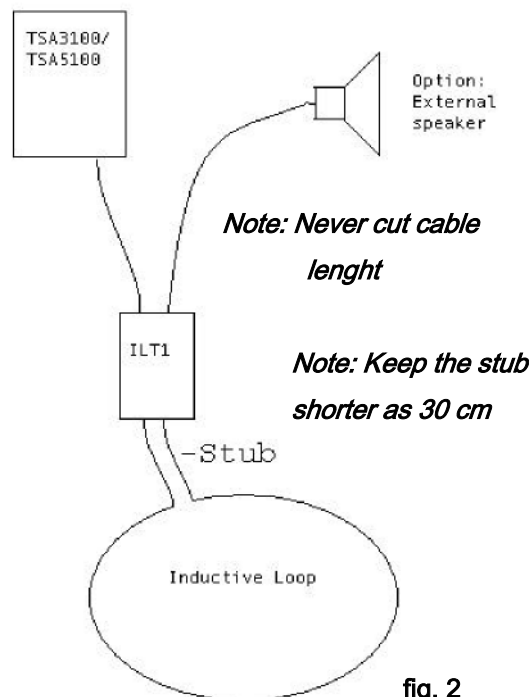


fig. 2