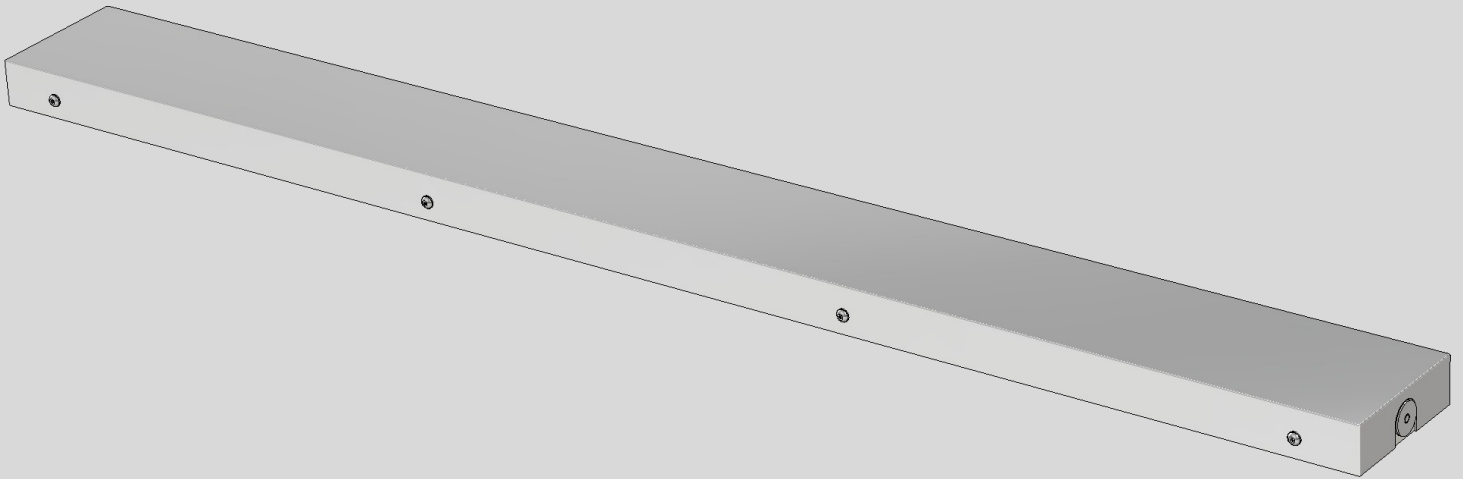


INDUCTION LOOP PANEL



- INDUCTION LOOP FOR T-COIL HEARING AIDS
- CAN BE USED NEAR INFORMATION DISPLAYS
- CONNECTS DIRECTLY TO ASL AMPLIFIERS
- COMPATIBLE WITH AFILS
- COMPACT DESIGN FOR COUNTER-STYLE USE
- MEETS BS EN60118-4

OVERVIEW

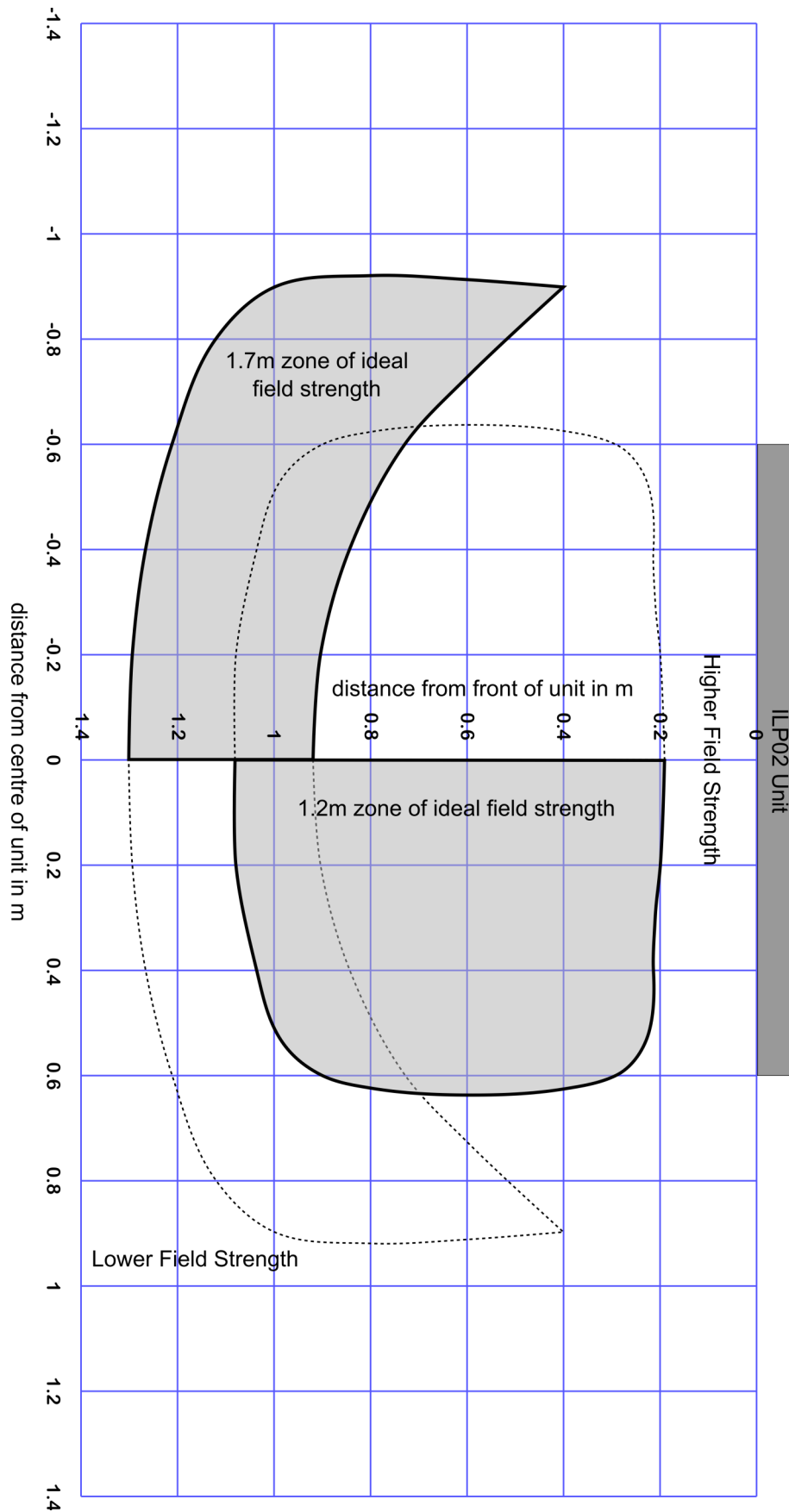
The ILP02 Induction Loop Panel delivers easily-heard announcements for people with hearing impediment through the common Telecoil or T-coil of hearing aid devices and cochlear implant processors. The signal generated is an unmodulated AFIL (Audio Frequency Induction Loop) magnetic field.

The ILP02 is a wide-area counter-style device, as opposed to a bespoke room coil. It is designed to be easy to integrate into ASL PA/VA installations and so designed for constant-voltage amplifiers. The unit is fitted in areas requiring localised induction loop coverage, typically places where customers will wait. For installations like railway stations this could be Ticket Halls, platforms, passageways, and concourses. The ILP02 helps service providers comply with legislation such as the UK's Disability Discrimination Act requirements for the hearing impaired, with minimal impact to the aesthetics of the site.

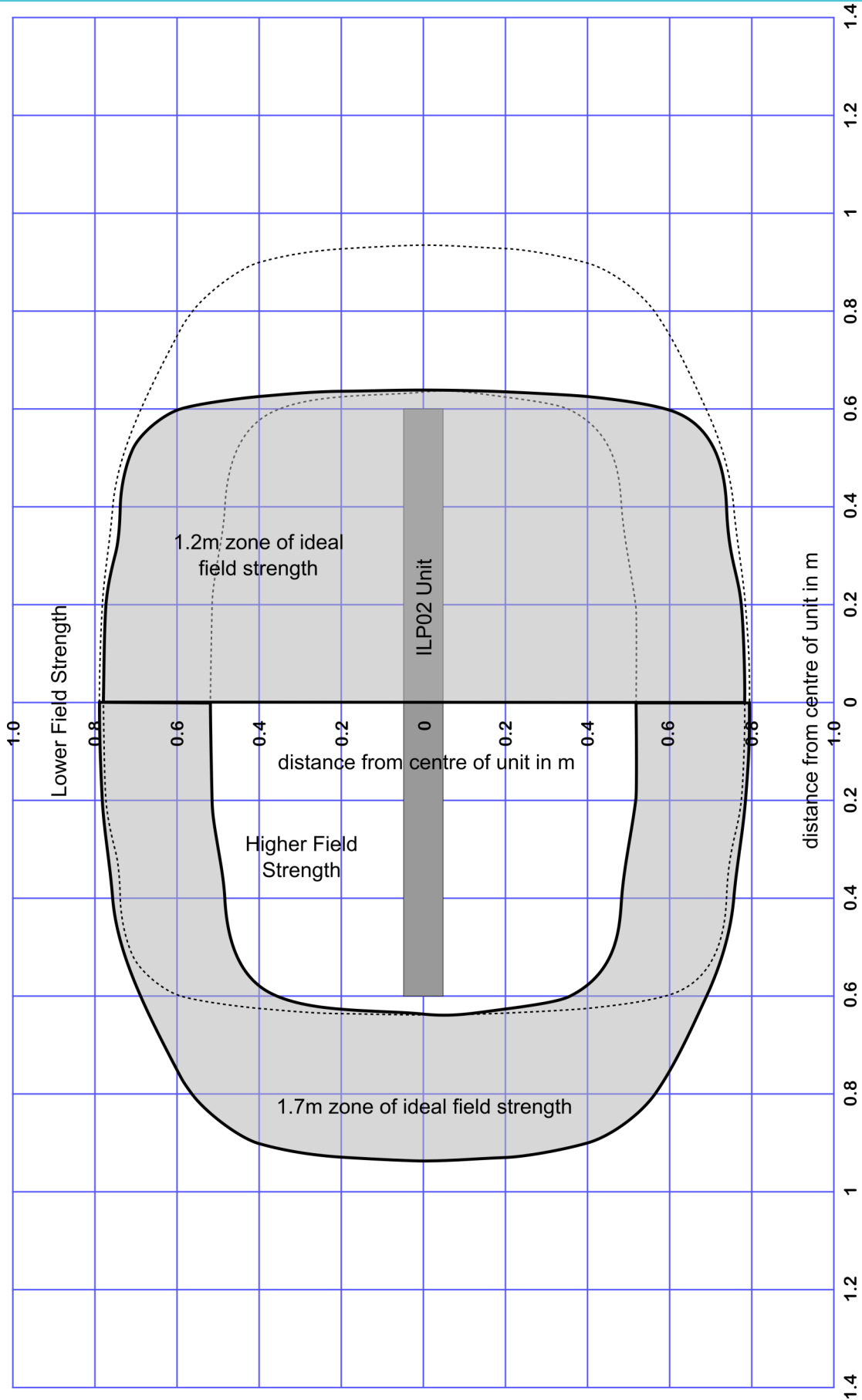
INSTALLATION

The ILP02 is suitable for installation either mounted to a wall or suspended from the ceiling above a journey planner board or other information point. When wall-mounted, it is suitable for installation at 2.25 metres nominal height whereas when ceiling-mounted it is suitable for installation at 2.5 metres nominal height.

Using a constant-voltage amplifier located in the PA (Public Address) rack ensures extended life, increased serviceability and reduced maintenance cost compared with integrated-amplifier solutions. This configuration also enables the provision of standby amplification and battery backup where required. Each panel can be connected to the 100 V feeder line of an ASL PA system in the same fashion as a loudspeaker, and an end-of-line (EOL) resistor is fitted to terminate the line. Note, if feeding two to five ILP02 units from one amplifier, then it is not necessary to remove the EOL resistors. An amplifier must not be used both for ILP02 units and for loudspeakers however because of the need to separately equalise for the ILP02. The ILP02 is fully compliant with AFILS (Audio Frequency Induction Loop System) standard BS EN60118-4, and LUL Induction Loop specifications.



Zones of ideal field strength (+3dB to -6dB relative to 400mA/m) for a 2.25m high ceiling mounted unit measured at 1.2m and 1.7m from the ground



Zones of ideal field strength (+3dB to -6dB relative to 400mA/m) for a 2.5m high ceiling mounted unit measured at 1.2m and 1.7m from the ground

SPECIFICATION

Overall Description

AFILS Audio Frequency Induction Loop Panel for T-Coil hearing aids. This is a counter-style panel which can be used to provide announcements for the hard of hearing near signs and information displays or at other local areas.

Physical

Dimensions (w, d, h) 1,200mm, 39mm, 121mm

Temperature Range

Humidity Range.....

Installation

Connection ASL Constant Voltage Amplifier (100V)

Nominal Power Rating 100W

Mounting Height Nominally 2.25m (wall) to 2.5m (ceiling)

Recommended Practice

Power Budget..... 100W max per unit

Power Level initially set to -3dB (50W) to allow headroom

Mount at 2.25m (wall) or 2.5m (ceiling)

For additional zone width mount units side-by-side

Do not share the amplifier with loudspeakers

For optimum performance the specified equalisation should be used

Protection

Thermal..... thermal cut-out will disconnect power

Amplifier Compatibility

You should not connect more than 10 units to any amplifier.

D150 1 unit @ 100W

..... 2 units @ 80W each (-2dB)

D500 1 to 4 units @ 100W

..... 5 units @ 94W each (-0.5dB)

..... 6 units @ 85W each (-1.5dB)

..... 7 units @ 80W each (-2dB)

..... 8 units @ 75W (-2.5dB)

M200 1 unit @ 100W

..... 2 units @ 94W each (-0.5dB)

..... 3 units @ 65W each (-3.5dB)

M400 1 to 3 units @ 100W

..... 4 units @ 94W each (-0.5dB)

..... 5 units @ 85W each (-1.5dB)

..... 6 units @ 75W each (-2.5dB)



This equipment is designed and manufactured to conform to the following EC standards:
EMC: EN55103-1/E1, EN55103-2/E5, EN50121-4, ENV50204
Safety: EN60065

Manufacturer

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