

Technical data / System requirements

Technical Data

Input:	Input impedance 10k Ω Sensitivity - 15dBu for max output Overload level +10dBu
Output:	Drive Voltage: max. 6.5 V _{rms} Drive Current: 2.8 A continuous 1kHz sine wave Loop resistance: 0.1 Ω to 1.0 Ω resistive or 1.5 Ω maximum reactive impedance
Frequency response:	80 Hz to 8 kHz: - 3dB
MLC (Metal loss correction):	0 to -3dB/ octave
Operating temperature range:	-20° C to 70° C (-4° F to 158° F)
Storage temperature range:	-20° C to 70° C (-4° F to 158° F)
Relative humidity:	up to 95% not condensing
Connection:	- pluggable screw terminals - JST plug (type: PAP-02v-s)
Power supply:	external supply 15–26 VDC (max. power consumption 8 W)
Measurements:	see Measurements on page 3

Extent of supply

- Induction Loop Expansion Module
- Induction Loop and mounting material
- WS IL 50V: Mounting screws
- Short Reference

Requirements

- Power supply: 15 VDC - 26 VDC
- External audio source
- Flush Mount Kit (WSFB 52x) or Surface Mount Kit (WSSH 52x)

Installation / Measurements

Mounting instructions

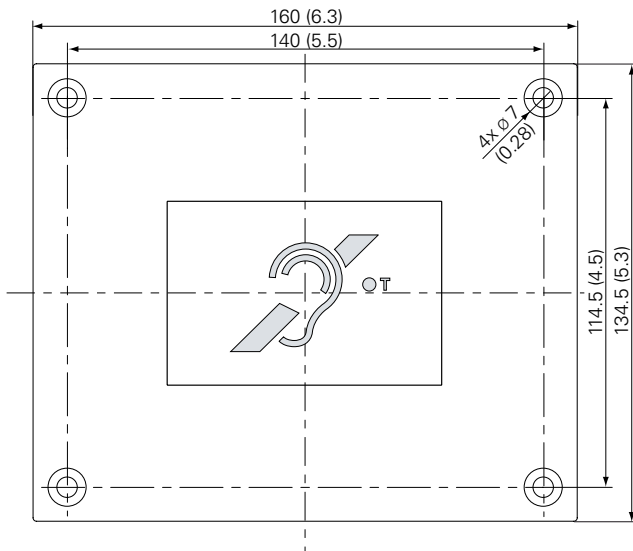
- Do not expose the station to extreme temperature (see "Technical Data" on page 2).
- For flush mounting a flush mount kit WSFB 52V (available separately) is required.
- For surface mounting a surface mount kit WSSH 52V (available separately) is required.
- Observe the country specific standards for installation, mounting and configuration.
- When opening the stations ESD precautions must be observed.
- The housing may only be opened by authorised service engineers.
- Induction Loop Performance compliant with IEC 60118-4 (when correctly installed)
- Metal Structures significantly affects performance of the induction loop system. The magnetic field generated by an induction loop system, induces a current in any closed path of a metal structure placed in the vicinity of the induction loop. These induced currents tend to weaken the magnetic field and cause loss.

Examples of metal structures:

- Lightweight floor construction with a (usually profiled) metal sheet under a thin reinforced concrete slab.
- Girders, beams, constructional metal work
- Metal cladding and walls
- Metal box construction (elevators, lifts)

Measurements WSIL 50V

Measurements in mm (inch), not to scale!



Measurements WSIL 50P

Measurements in mm (inch), not to scale!

