

IEC 60118-4:2014

Counter Loop
Compliance Certificate



1) Background Noise							Result
	A	B	C	D	E	F	Write Pass/Fail/Conditional Pass. If Conditional pass, give reasons
dBA at 1.2m	A	B	C				
dBA at 1.45m	A	B	C				
dBA at 1.7m							

2) Field Strength		Test signal: 1Khz_pulse.wav	Result
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Check for any null fields within the shaded area from 1.2m to 1.7m. If they exist change the orientation of the loop to eliminate them before proceeding

dB at 1.2m	A	B	C				Write Pass/Fail/Conditional Pass. If Conditional pass, give reasons
dB at 1.45m	A	B	C				
dB at 1.7m							

3) 3 Point Frequency Response (IEC)		Test signal: 3_frequency.wav	Result				
	A	B	C	D	E	F	Write Pass/Fail/Conditional Pass. If Conditional pass, give reasons

dB at 100Hz	A	B				
dB at 1kHz	0	0	0	0	0	0
dB at 5kHz	A	B				

5a) Max Power Bandwidth		Test signal: Live speech or 1.6Khz_pulse.wav	Result
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Speech Tone	Write Pass/Fail/Conditional Pass.					Not Required
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5b) Listening Test		Test signal: real signals, (live speech)	Result
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dB	Write Peak level for speech at 1.7m or 1.2m for wheelchair only systems					Write Pass/Fail/Conditional Pass.
		Good		Fair		Poor
Speech Clarity						Fail

Notes

Notes

Loop Amplifier Off
Noise should be no worse than -32dBA
For a counter Loop -22dBA is often acceptable

Test signal 1Khz_pulse.wav
Field strength nominally 0B (± 6 dB)
All Values should be within a 12dB window (± 6 dB).
Set -6dB at the furthest point from the loop (Typically Point B at 1.7m).
Measure the field strength at the other points and adjust if necessary such that the range is centred on 0dB.
The maximum and minimum levels may be several dB outside the desired range. In this case, note the values and conditionally pass the system if it will still provide user benefit

Notes

Measure at Point B 1.45m high
Test signal : 3_frequency.wav
Field strength at *100Hz and 5KHz should be within ± 3 dB of the level at 1KHz . Metal Loss (Treble) control can help optimise the response

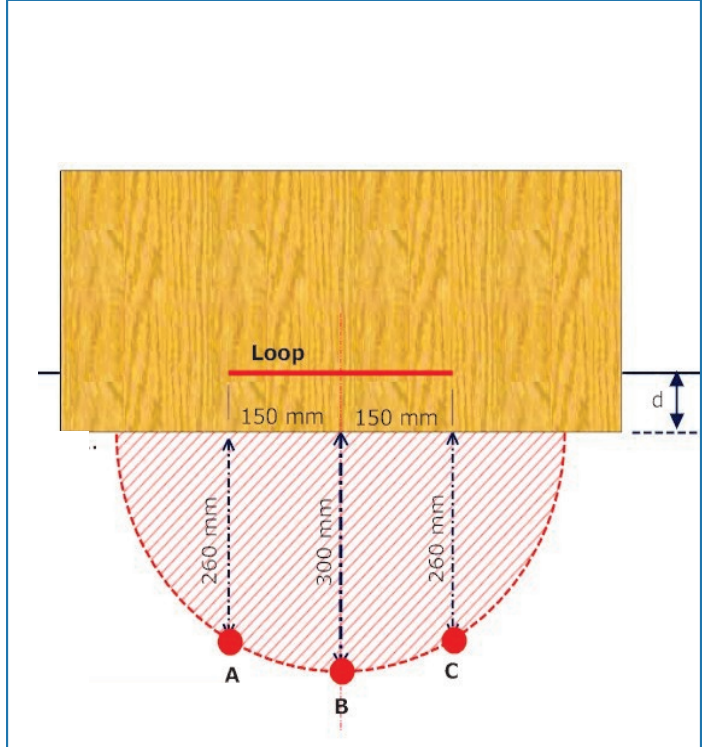
Notes

'Clip LED' may flicker with speech. It should not light with 1.6kHz tone

Notes

With real signals, (speech) does the field strength peak at 0dB ± 6 dB?
How clear is the speech ?
(Are the green and yellow lamps on the loop listener flickering?)

Counter Loop



Notes

Note
The field strength should not exceed +8dB in the area where the user is likely to stand (shaded area). However, due to the performance nature of counter loops it is recognised that this is often unavoidable; the user is expected to adjust their position accordingly.

Due to physical constraints in positioning the counter loop it may not be possible to achieve the full requirements set out in this document. In such cases the installer should judge whether the system is still likely to provide a benefit to users.

Installer			
I certify that the Counter Loop System has been commissioned in accordance with the IEC Standard 60118-4:2014 and is:			
Fully Compliant	Pass		
Satisfactory	Conditional Pass		
Non Compliant	Fail		
NOTES			
Loop Amplifier Type	Serial Number(s)		
Name of Installation Company			
Name of Lead Installer	Print Name		
UnivoxAudio Accreditation Number	Company Accreditation Number	Installer Accreditation Number	
Signature		Date	dd/mm/year

Facility Manager			
The results of the commissioning have been explained to me. I have listened to the Induction loop system and the sound is clear and intelligible.			Initial
I have been shown how to use the loop system, (Switch it on and check that it is working with a loop listener)			Initial
I have been made aware that the loop system must be routinely checked using a loop listener (minimum, monthly)			Initial
Name of Manager	Print Name	Date	dd/mm/year
Signature			

For Maintenance Service or Repair Contact

Company Name	
Telephone	
Email	
Website	www.



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