

Hearing Loop installed in room, typically flat copper tape underneath floor finish or direct burial cable
Layout designed to room and project requirements, contact Ampetronic for advice

NOTE:
Network control is available on CX-XN or CX-XD models.
Dante is available on CX-XD models.

Both Dante & Control RJ45 ports support direct link-local connection to a single device, network switches and other devices shown as a representation of larger system infrastructure.

12 V DC, Status and Line Output connections are optional, dependant on project requirements.

For all connections devices shown are as indicative examples only and other equipment with suitable interfaces may be used instead.

The selection of the correct audio input signals and a suitable loop layout are critical to providing a compliant hearing loop system.

Remote Device for interfacing with web interface / Telnet / SNMP

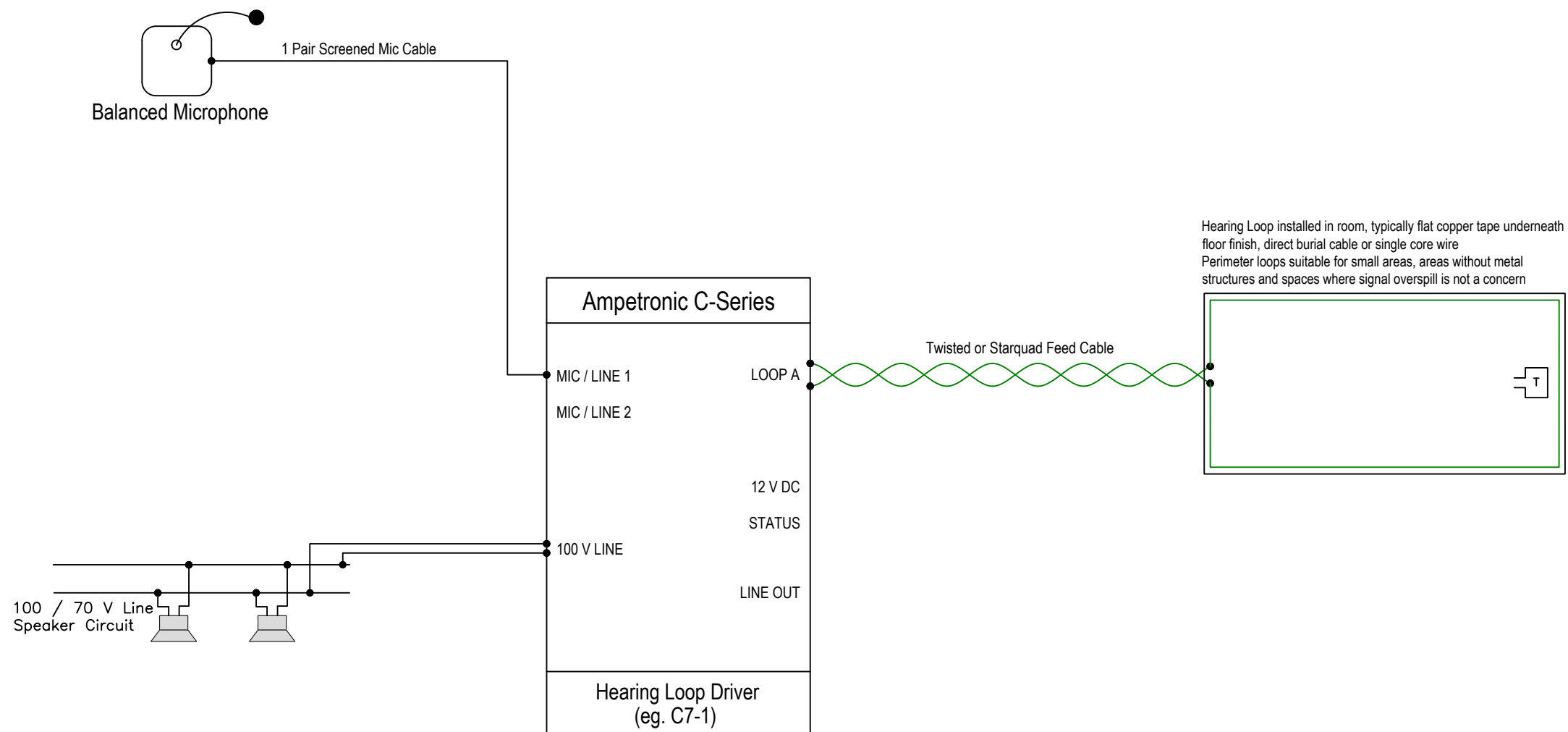
Notes:

1. This is a typical scematic and may differ from your project requirements.
2. Minimum connections are power, one audio input and loop output.
3. Induction loop systems rely on high quality audio inputs, any microphones or audio feeds to the loop should be selected for maximum intelligibility.
4. The loop system consists of one or two circuits, these may be individual loops or arrays of multiple narrow segments.
5. Where there are two arrays, each one is driven by a separate amplifier channel using the same audio input signal.
6. Loop systems, especially dual channel or MultiLoop installations should be designed by a trained specialist. If in doubt seek advice from Ampetronic.
7. The feed cable between driver and loop must be either a twisted pair or a 4-core cable wired as starquad, of suitable CSA and insulation for the project requirements.
8. At least ONE of Mic / Line, Dante or 100 V inputs MUST be connected to provide audio to the loop.
9. Mic / Line 2 and 100 V should NOT be used simultaneously.
10. Single channel models (CX-1) will not have Loop B output and are only suitable for driving single circuit loop designs such as perimeter, single array or cancellation loops.



Ampetronic Ltd
Unit 2, Trentside Business Village
Farndon Road, Newark
NG24 4XB
+44 (0)1636 610062
support@ampetronic.co
www.ampetronic.co

TITLE: C-Series Typical Loop Schematic			
SCALE AT A3: NTS	DATE: 21/02/2022	DRAWN: CMD	CHECKED: AP
DRAWING NO: UP49803-1	SHEET: 1 of 2 - Dual Channel Dante	REVISION: 0	



Hearing Loop installed in room, typically flat copper tape underneath floor finish, direct burial cable or single core wire
Perimeter loops suitable for small areas, areas without metal structures and spaces where signal overspill is not a concern

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TITLE:
C-Series Typical Loop Schematic

SCALE AT A3: NTS	DATE: 21/02/2022	DRAWN: CMD	CHECKED: AP
DRAWING NO: UP49803-1	SHEET: 2 of 2 - Single Channel Simple	REVISION: 0	