

EN

TECHNICAL
MANUAL



SIMPLEBUS1

Simplebus1 Audio System

 **Comelit®**
Passion. Technology. Design.

Warning

Intended use

This Comelit product has been designed and manufactured for use in the creation of audio and video communication systems in residential, commercial, industrial and public buildings.

Installation

All activities connected to the installation of Comelit products must be carried out by qualified technical personnel, with careful observation of the indications provided in the Manuals / Instruction sheets supplied with those products.

Wires

Disconnect the power supply before carrying out any operations on the wiring.

Use wires with a cross-section suited to the distances involved, observing the instructions provided in the system manual.

We advise against running the system wires through the same duct as power cables (230V or higher).

Safe usage

To ensure Comelit products are used safely:

- carefully observe the indications provided in the Manuals / Instruction sheets,
- make sure the system created using Comelit products has not been tampered with / damaged.

Maintenance

Comelit products do not require maintenance aside from routine cleaning, which should be carried out in accordance with the indications provided in the Manuals / Instruction sheets.

Any repairs must be carried out:

- for the products themselves, exclusively by **Comelit Group S.p.A.**,
- for the systems, by qualified technical personnel.

Disclaimer

Comelit Group S.p.A. does not assume any responsibility for

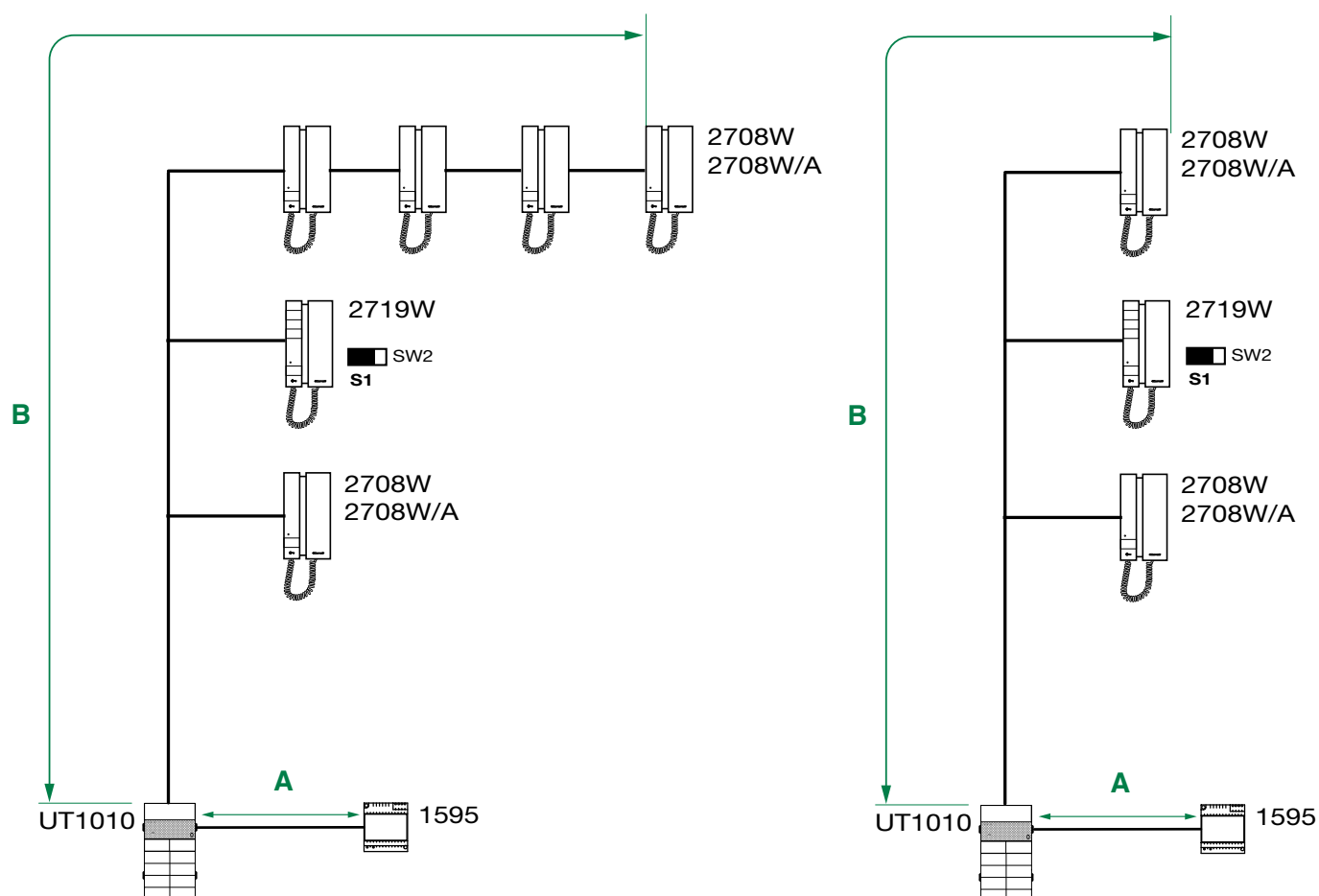
- any purpose other than the intended use,
- failure to observe the indications and warnings contained in this Manual / Instruction sheet.

Comelit Group S.p.A. reserves the right to change the information provided in this Manual / Instruction Sheet at any time and without prior notice.






Table of contents

Warning	2
System functions.....	3
Operating distances.....	3
Maximum system expansion.....	4
Maximum expansion per apartment.....	4
Example of maximum expansion per apartment	4
Wiring diagrams.....	5
Apartment block door-entry phone system	5
Apartment block door-entry phone system with 2 entrance panels...	7
System with 2 risers, one main entrance and n secondary entrances...	8


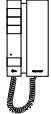
System functions



Operating distances


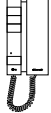
	A MAX	B MAX
1 mm ² (Ø 1.2 mm AWG 17) 	50 m (165 feet)	500 m (1625 feet)
0.28 mm ² (Ø 0.6 mm AWG 23) 	5 m (15 feet)	300 m (990 feet)
0.5 mm ² (Ø 0.8 mm AWG 20) 	25 m (85 feet)	400 m (1315 feet)
1.5 mm ² (Ø 1.4 mm AWG 15) 	75 m (245 feet)	600 m (1980 feet)
2.5 mm ² (Ø 1.8 mm AWG 13) 	100 m (330 feet)	800 m (2600 feet)

Maximum system expansion

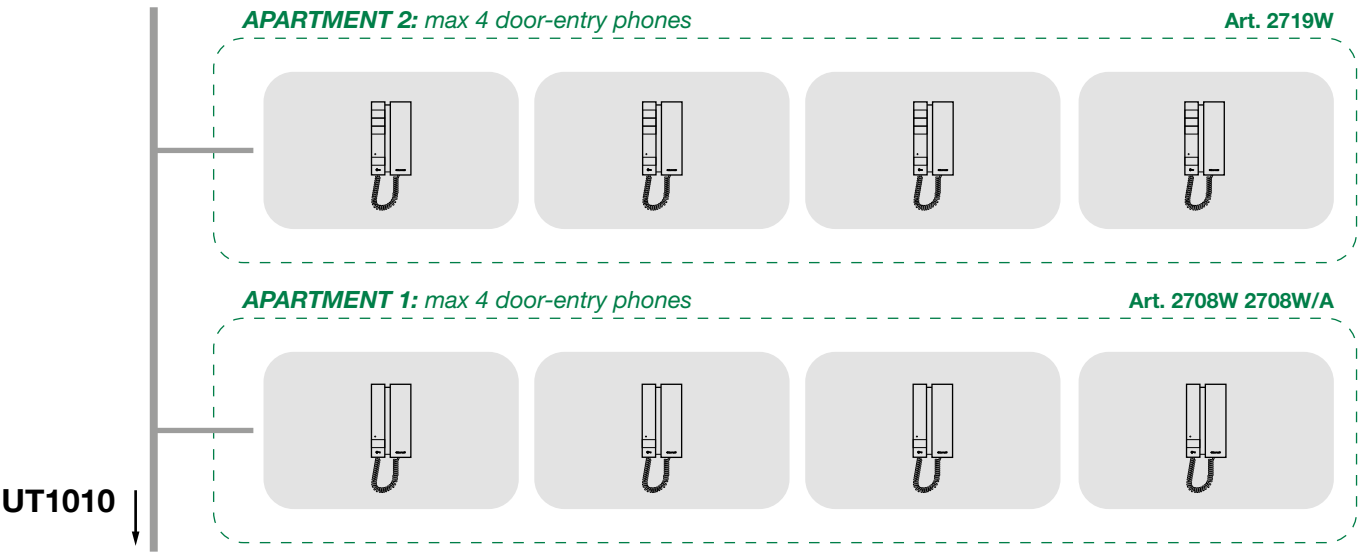
Devices	 2708W 2708W/A	 2719W
Maximum number of door-entry phones that can be powered from art. 1595	100 ★	100

★ with 100 door-entry phones the audio sound level is 74dB(A), with 75 door-entry phones there is a greater audio sound level of 77dB(A)

Maximum expansion per apartment

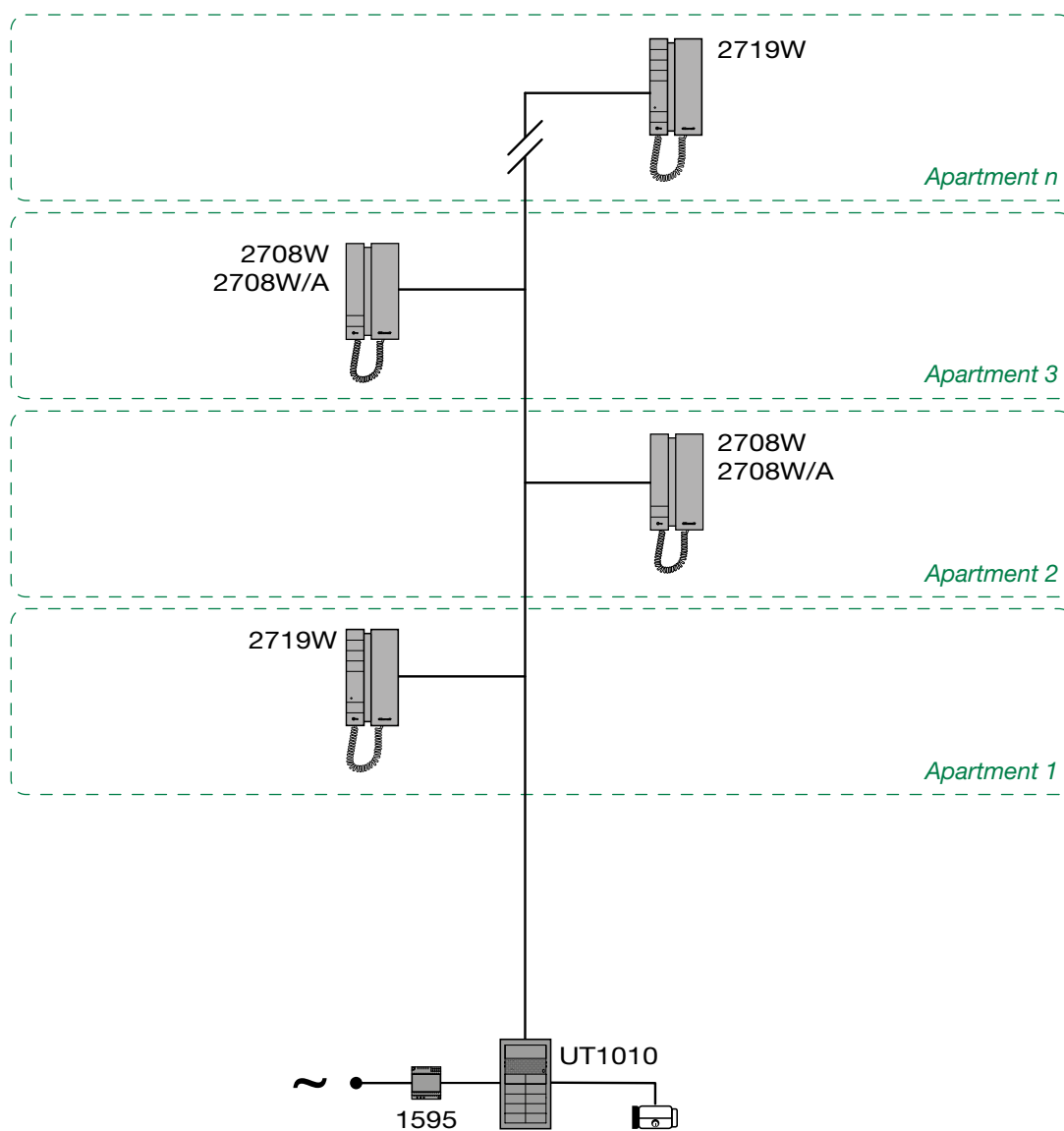
Devices	 2708W 2708W/A	 2719W
Max. number of door-entry phones with the same user code	4	4

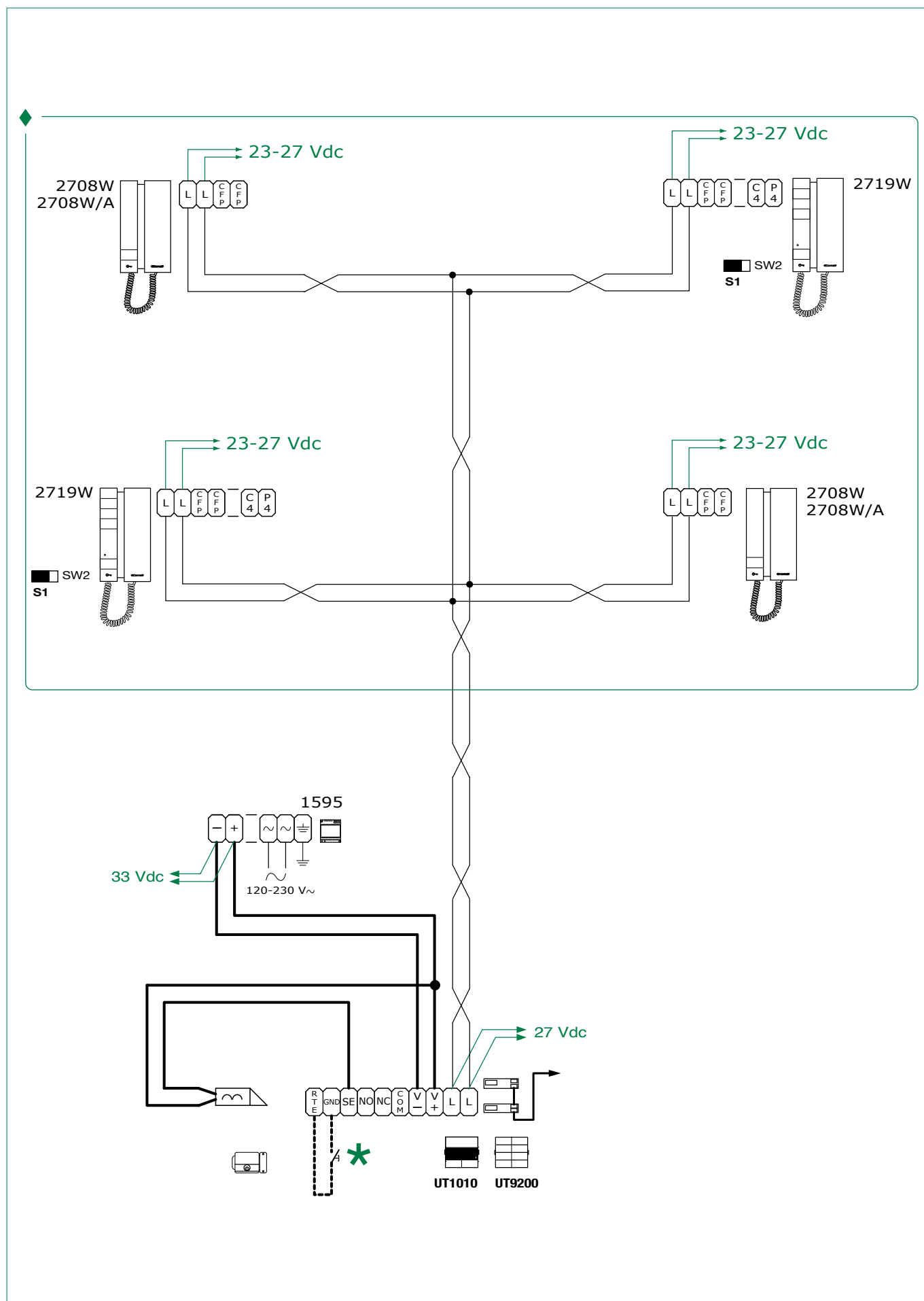
Example of maximum expansion per apartment



Wiring diagrams

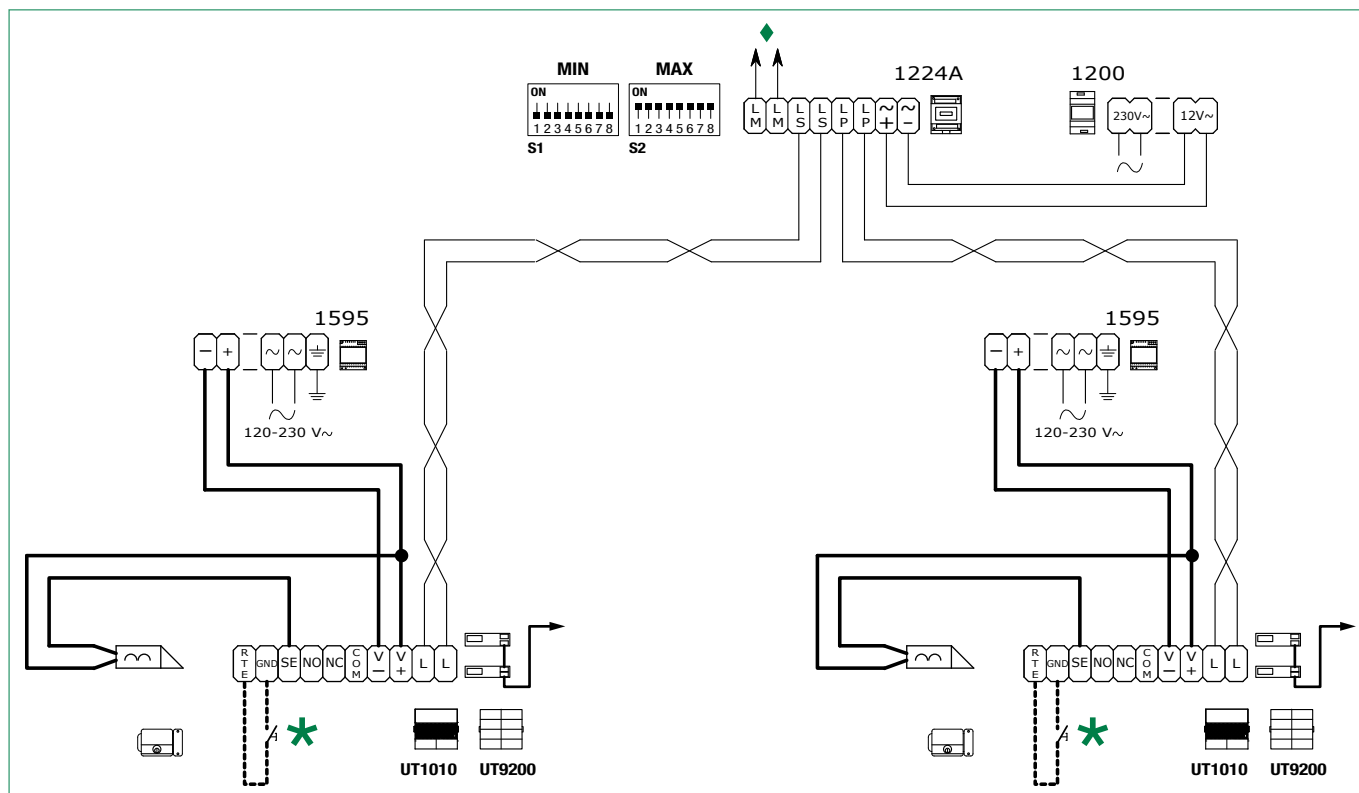
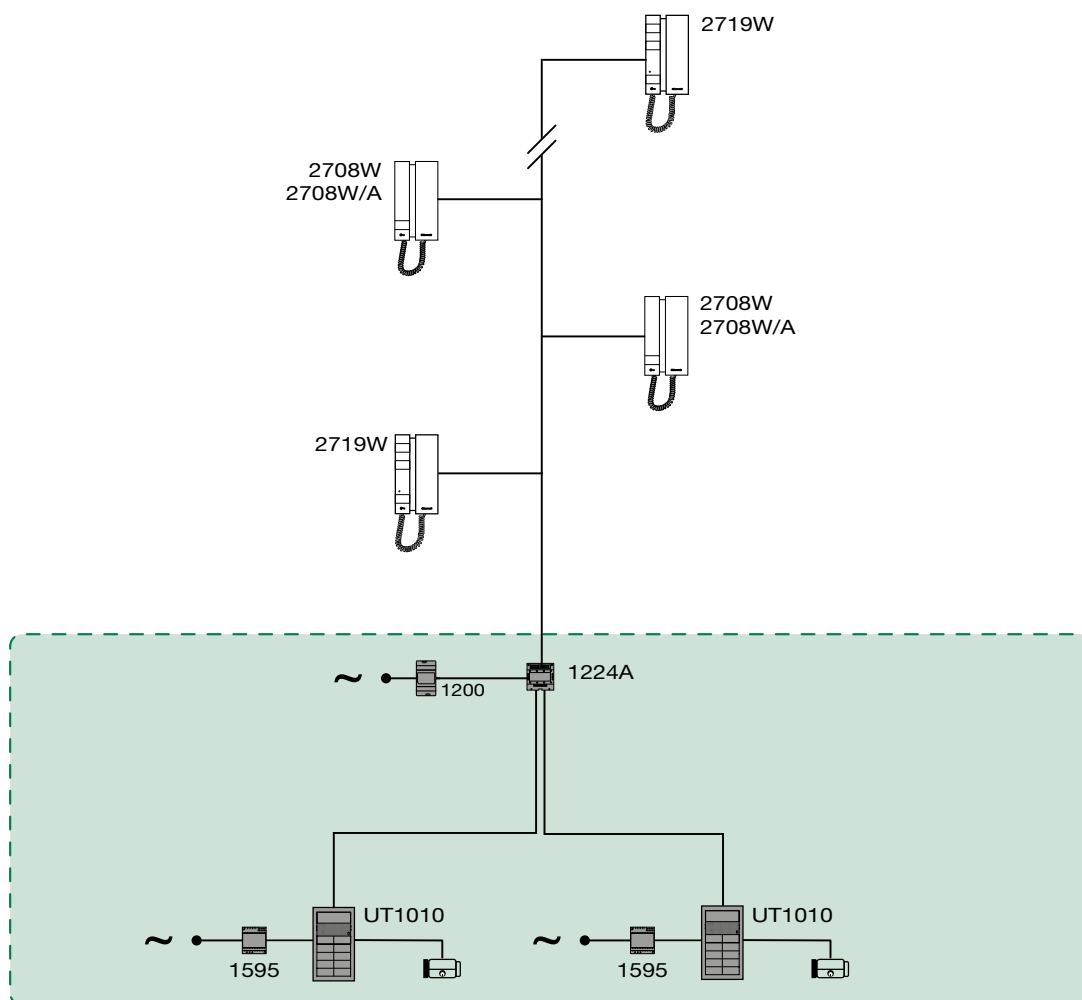
Apartment block door-entry phone system





* 20 m MAX. Local door-opener button.

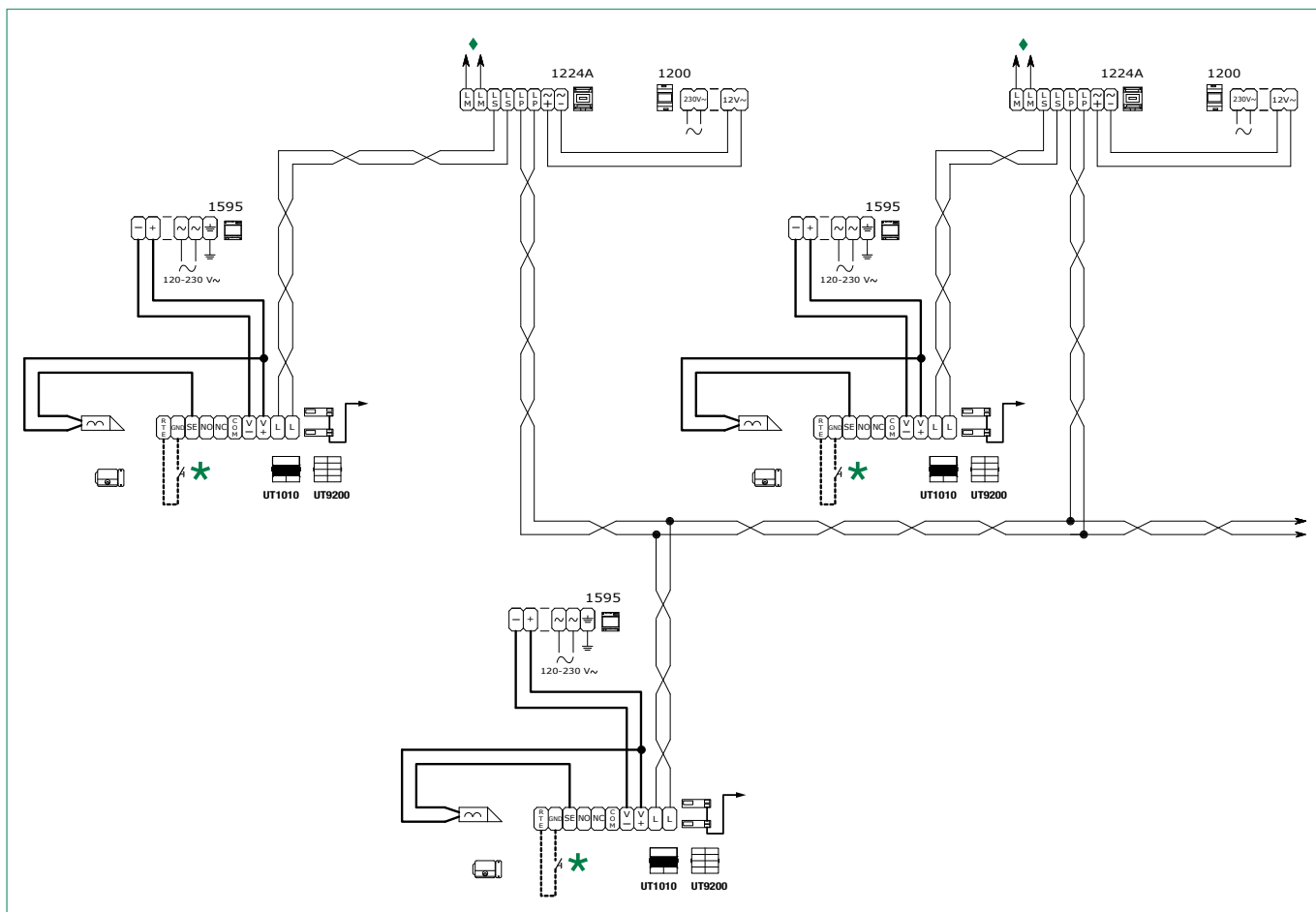
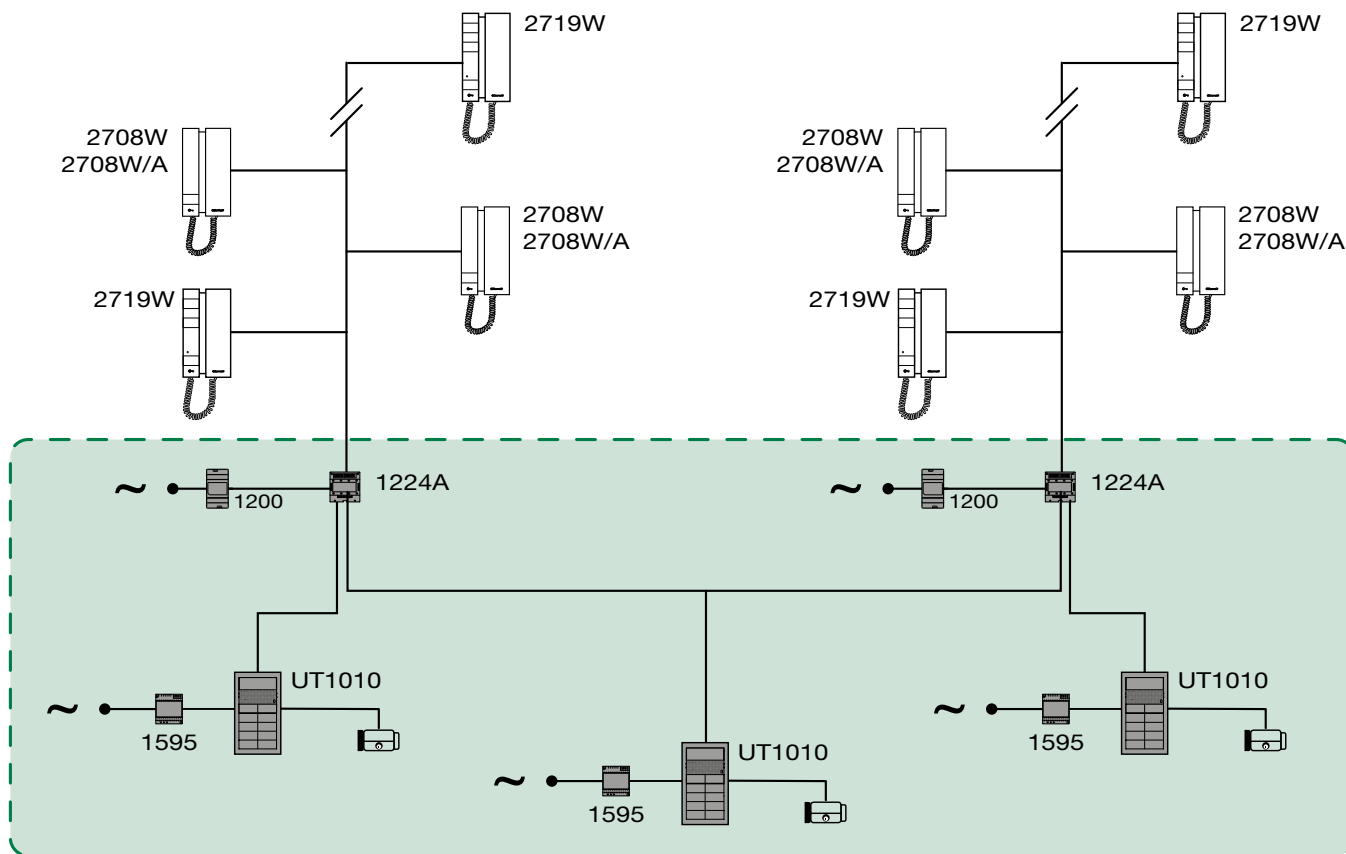
Apartment block door-entry phone system with 2 entrance panels



◆ Audio door-entry system riser (see: [“AUDIO DOOR-ENTRY SYSTEM RISER”](#))

★ 20 m MAX. Local door-opener button.

System with 2 risers, one main entrance and n secondary entrances



◆ Audio door-entry system riser (see: [“AUDIO DOOR-ENTRY SYSTEM RISER”](#))

* 20 m MAX. Local door-opener button.

CERTIFIED MANAGEMENT SYSTEMS



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