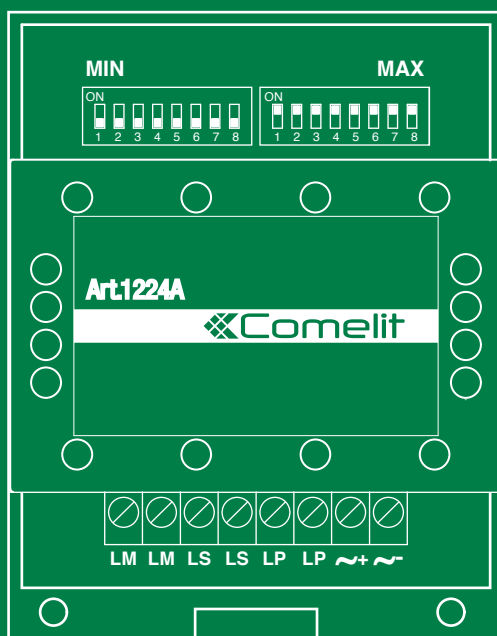


EN

TECHNICAL
MANUAL



Switching device
Art. 1224A

 **Comelit**[®]
Passion. Technology. Design.

Warning

Intended use

This Comelit product was designed for use in the creation of audio and video communication systems in residential, commercial or industrial settings and in public buildings or buildings used by the public.

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

Cut off the power supply before carrying out any maintenance procedures.

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 the 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 repair work must be carried out

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

Disclaimer

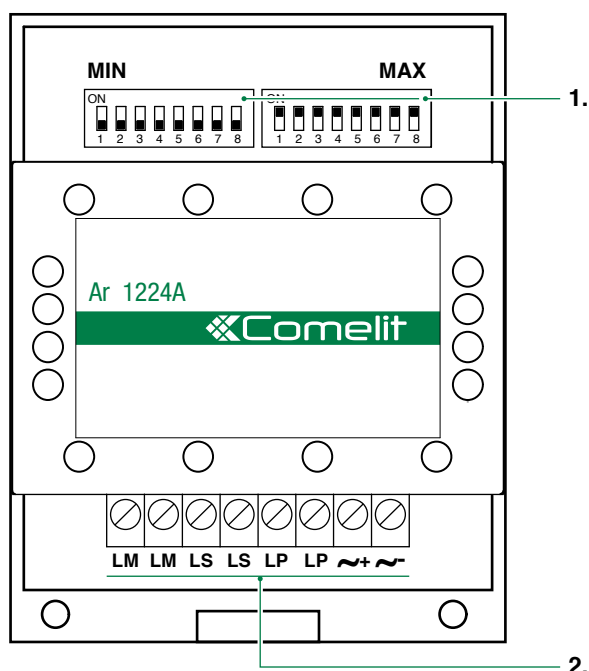
Comelit Group S.p.A. does not assume any responsibility for

- any usage other than the intended use
- non-observance of the indications and warnings contained in this Manual / Instruction sheet.

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

Description

Switching device for audio or audio-video systems with 2 or more doors in SB1 systems and SBTOP audio/video systems. Complete with 2 dip-switches with 8 positions for setting the user range of the riser. 12V AC and 22V DC power supply.



1. **MIN** and **MAX** microswitches define respectively the lowest and highest user codes which can be connected to the riser. (see [Addressing table](#))

2. Terminal block **MR1**

LM LM riser bus line output

LS LS secondary bus line

LP LP main bus line

~ + power supply positive

~ - power supply negative

Technical features

MAIN FEATURES

Product height (inch)	3.35
Product width (inch)	2.36
Product depth (inch)	1.38
Operating temperature (°F)	-13 ÷ 104
RH max operating humidity (%)	25 ÷ 75
DIN rail mounted	Yes
DIN modules (no.)	4
Maximum current absorption (mA)	40

GENERAL DATA

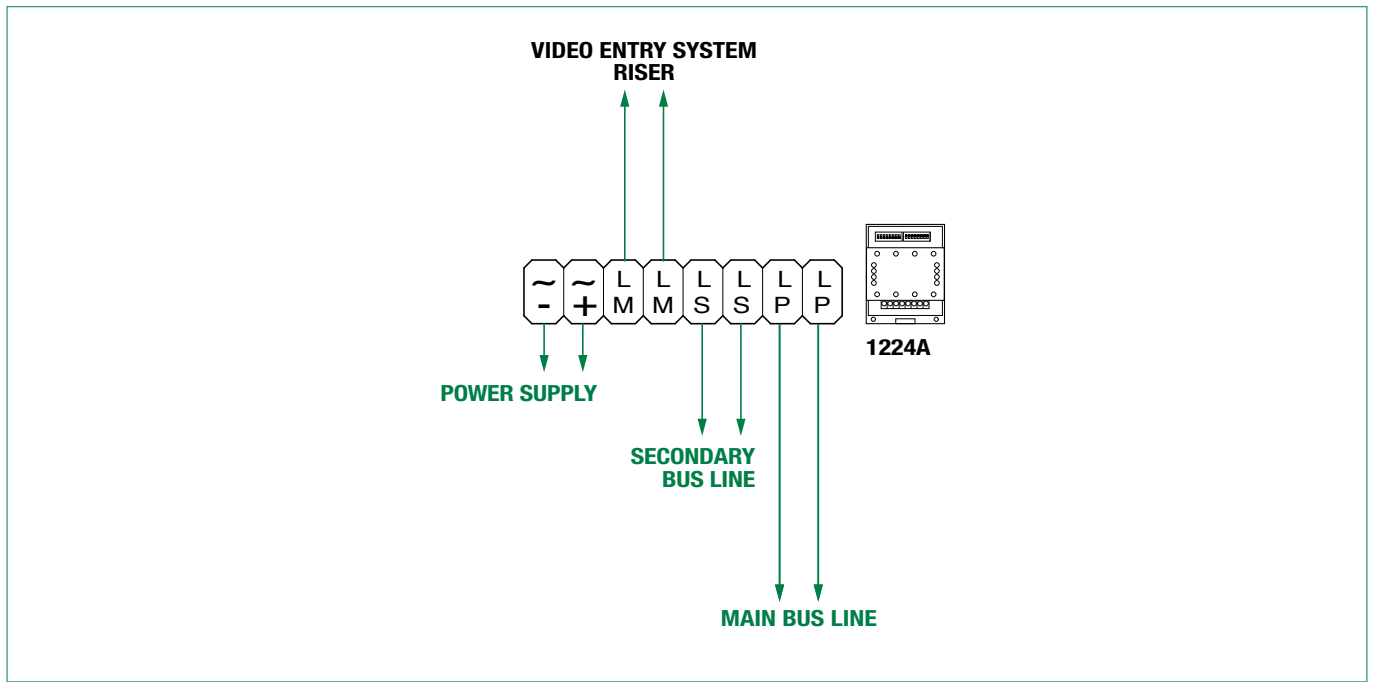
Type of finish	Plastic
Product colour	White

COMPATIBILITY

Simplebus Top audio/video system †	Yes
Simplebus 1 audio system	Yes

† Where TOP functions are not required

Connection



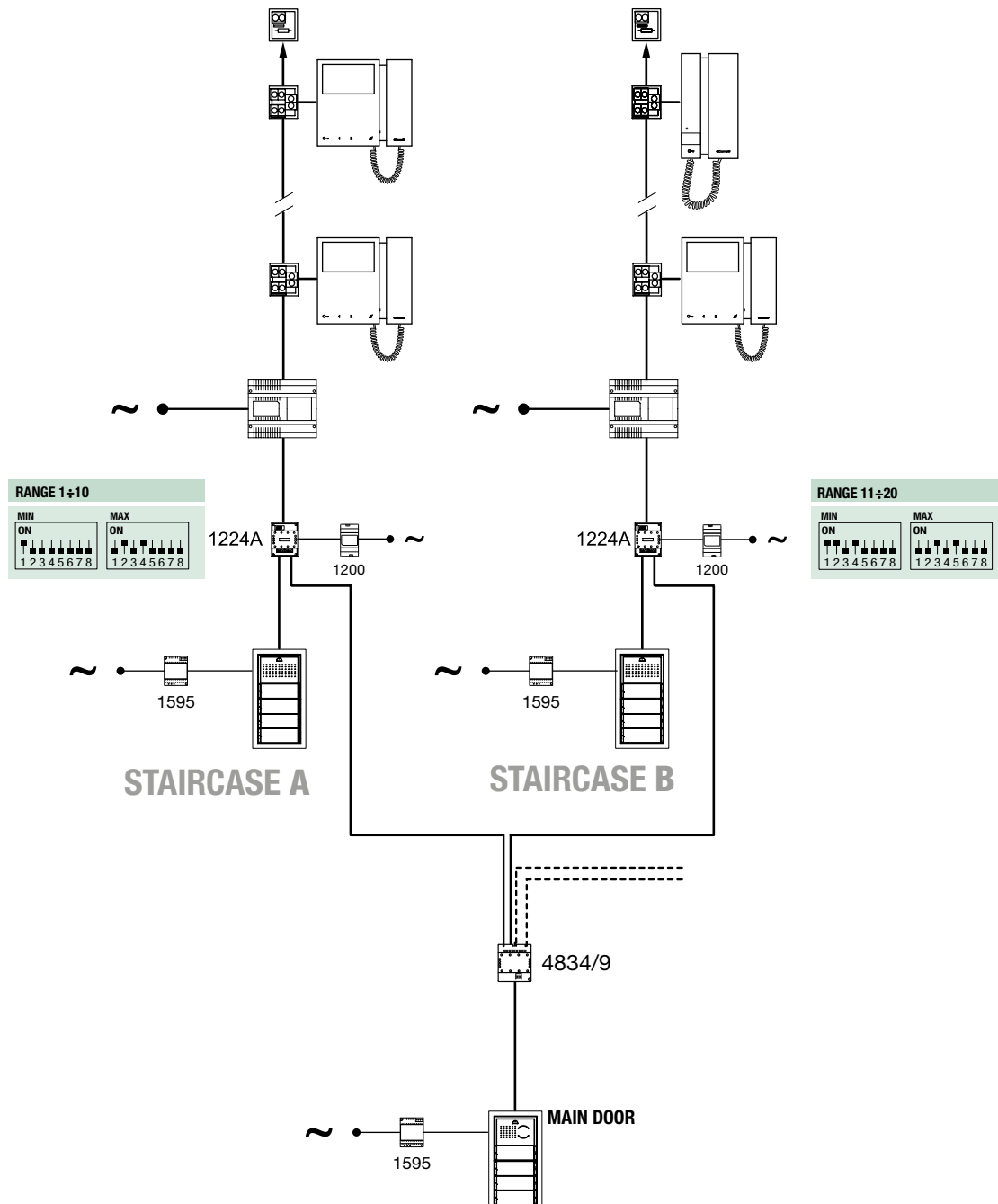
Operating mode

Each switching module is equipped with a pair of DIP switches with 8 selectors. The two Dip switches define the MIN and MAX range of codes that can be recognised by the switching device.



CAUTION! Separate switching devices must manage code ranges which are not overlapping.

Example coding of switching device Art. 1224A (staircase A 1 to 10 , staircase B 11 to 20)



System performance and layouts

For further information of system performance and to view installation layouts, click on the system type that best meets your requirements:

- [SBTOP audio/video system](#) for the creation of audio-video systems for *residential complexes*.
- [SB1 audio system](#) for the creation of audio systems for *residential complexes*.

CERTIFIED MANAGEMENT SYSTEMS



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