

Phone ID.

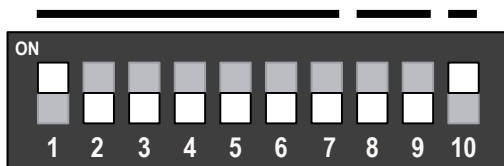
There are no individual call lines for the Q series systems, instead each phone has an ID setting that should be set when the telephone is installed.

The Q534's address is set as a binary number on the first seven switches of the ten-way DIL (dual in-line) switch (up to 128 addresses are available)

Parallel phones.

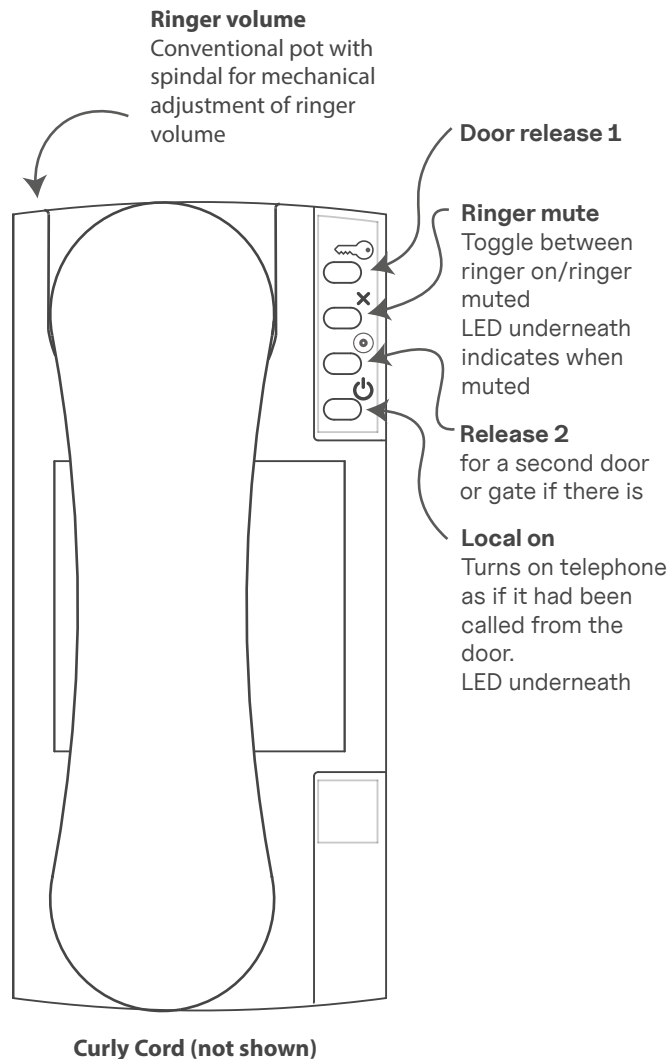
Up to four phones can be configured with the same address to ring simultaneously. Each phone must be assigned a unique role, with one designated as the main phone and the others as secondary phones. Use switches 8 and 9 to set these roles in a binary sequence: the main monitor is configured to "00," the second phone to "01," the third to "10," and the fourth to "11."

1-7 phone's binary address 8-9 phone's parallel address 10 line termination



Future system upgrades

While the Q534 does not actually require termination like a video monitor and is not subject to the same power limitations (a maximum of 32 devices per power supply), we recommend to design all systems as if they were full video installations. This approach ensures compatibility and flexibility for future upgrades, allowing for integration of video monitors without requiring any additional components. Planning for video-capable systems future-proofs the installation and supports scalability.



Q534 Telephone

Installer Instructions

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Installation

Install the Q534 at a height of approximately 1.4 meters from the floor. Ensure the mounting surface is solid and flat. Avoid areas with high humidity or direct sunlight.

To install remove the phone cover and prise off the internal PCB assembly to expose the fixing holes. Use the base to mark the screw hole positions on the wall ensure the back plate is level using a spirit level.

Whenever possible, we recommend routing the cable directly through the wall and through the back plate.

Common BUS connection

The Q534 requires only a two-wire bus connection. This connection is not polarity-sensitive.

External ringer

The external ringer connections allow for the addition of a low-power auxiliary sounder or bell. The output provides 12V DC, limited to 50mA, and activates during incoming calls, synchronized with the built-in ringer. Connect compatible devices to the designated terminals, ensuring they do not exceed the current limit.

Local bell push

This input allows a standard doorbell push button to trigger the Q534's ringer. The ring-tone associated with the local bell-push can be set to be a different tone to the main door panel tone. This is detailed in the user instructions.

Address Settings

To understand the Q534's relationship with other installed components and its address settings, please refer to the "Q Series Video – Schematics, Connection Diagrams, and Installation Notes" provided with your system or available for download at:

<https://www.entryphone.co.uk/technical/wiringdiagrams/QV>.

To access the fixing holes the printed circuit board can be removed by levering the board from the bottom. To replace the board slide the board up into the fitting slots and press the board so the split peg at the bottom of the board secures it firmly.

Use countersunk screws. A wrong type or poorly fitted screw could cause a short circuit on the underside of the printed circuit board.

