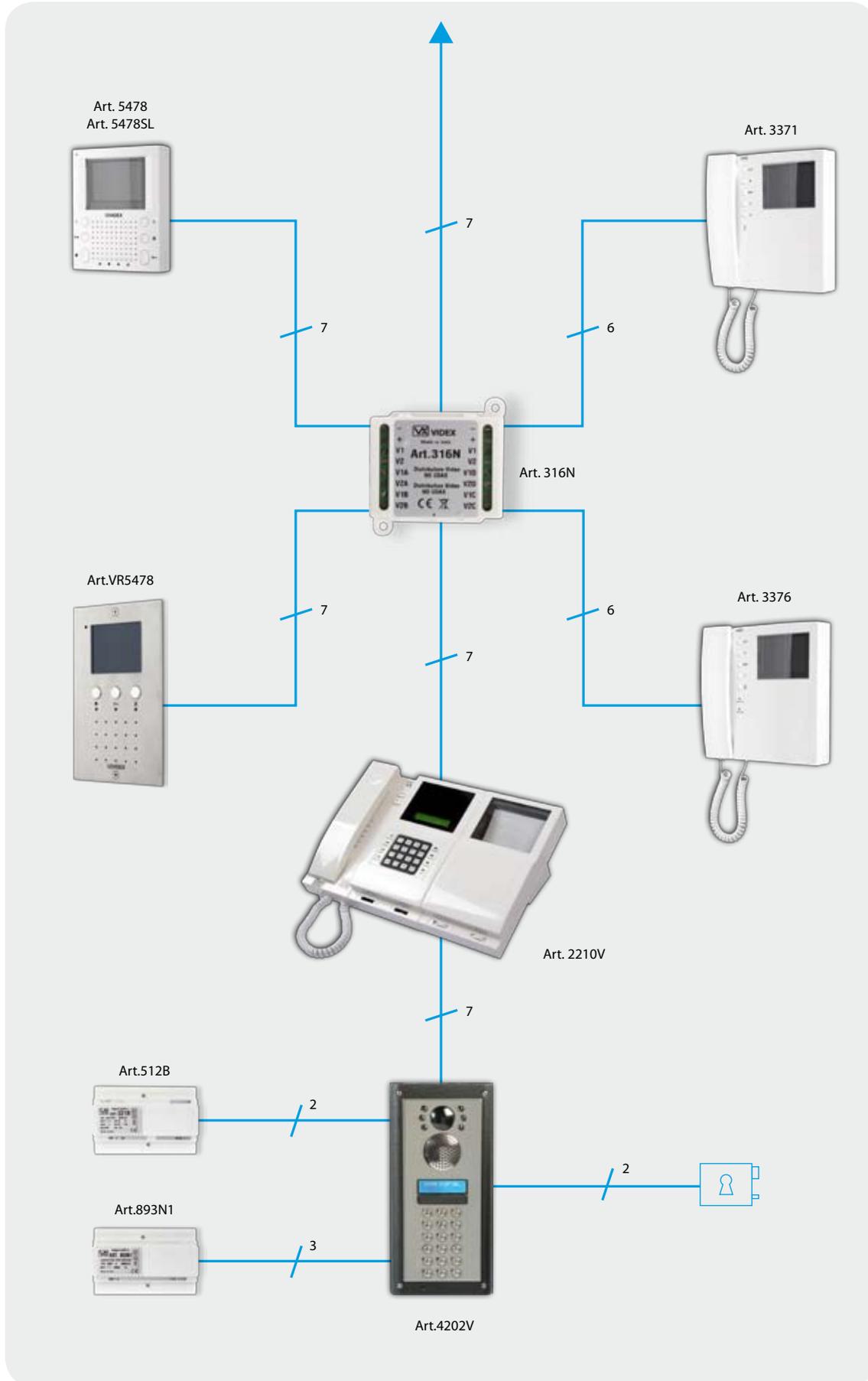


VX 2200

Digital System "Two wire" BUS audio - "Six wire" BUS video



VX2200 DIGITAL SYSTEM "2 WIRE BUS"

Based on the latest digital technology the VX2200 system requires as few as 2 wires (2 Wire BUS) to build a sophisticated audio intercom system for small to medium sized installations. The system has been designed for ease of installation and has excellent audio and video quality. The system can have a maximum of 255 apartments when using Art.3161B or 3162B telephone handsets (concierge facilities not available with these telephone handsets), or up to 998 apartments per system depending on configuration when using Art.3171, 3172 and 3176 telephone handsets. The VX2200 has been designed to be a flexible system and when used in conjunction with Art.VX2206N (Block exchange units), two types of system can be created. The first will enable a system with only main entrances with up to 998 apartments and the second will enable systems with both main entrances and block entrances whereby the main entrances can call all apartments on the system (Max. 998 apartments) and the block entrances can only call the apartments within their own block (Max. 180 apartments). A video system can be achieved by adding only 4 additional wires (6 Wire BUS) and requires no coax cable. The VX2200 is continually being improved and expanded with new developments and the addition of new features. Recent additions include the 4000 Series door panels Art.4202 and 4202R (both available in audio or video versions), the "2 WIRE BUS" telephone interface Art.2280 and a range of 3000 Series telephones and videophones which are specific to the VX2200 system. New to the VX2200 range, are a digital concierge unit Art.2210-1 and the new 8000 Series Art.8202 and 8202R door panels, all with new and improved features. A range of hands free 5000 Series Eclipse audio and videophones are also available for the VX2200 system. All Digital door panels are fully programmable using a PC and RS232 interface plus software (VX2207) and include full voice announcement of the call and the call's progress, while the 2 line 16 character LCD display has 6 different languages available for user visual messages, all to assist in DDA applications. In addition, all digital door panels include non-volatile memory with the facility to store up to 998 unique access codes for tenants along with a trade access code. The new Art.2210-1 digital concierge has many new features and includes the interfacing of a PC which allows databases to capture and store information and the PC to control the concierge functions.

NOTE:

VX2200 digital system doesn't allow the installation of the intercoms and videointercoms 3000 series and 900 series on the same system, so use peripherals of only one series. The speaker units (traditional or digital) must be ~~set up to work with 900 series, 3000 series or with intercoms 3161B (or 3162B).~~

Main specifications:

- Ease of installation.
- Ease of programming (through front panel keypad or PC).
- "2 wire" common bus for intercom systems, "6 wire" for videointercom systems with centralized power supply.
- Excellent quality audio and video signals.
- Privacy of speech and lock release .
- Direct calling of up to 998 flats with 3000 series intercoms/videointercoms and 2206N units (180 flats each 2206N) or up to 255 flats only with special intercoms Art.3161B and 3162B.
- Multi level facility.
- Multi entrance facility (up to 10 entrances for each level).
- All peripherals are intelligent and can be connected directly to the bus.
- Back up battery facility.
- Digital Front Panel with numerical keypad and display with the ability for all users to have their own unique access code. The access code can have up to six digits and is blind to onlookers.
- Functional panel interface available.
- Digital concierge facility.

MAIN COMPONENTS

Art.VX4202, 4202V, 4202R, 4202RV

Digital Front Panels

These new 4000 Series modules which are available in both audio and audio/video are built into double 4000 series modules and have numeric keypads and 8 alpha buttons (VX4202, 4202V) or a numeric keypad with 3 "Repertory Names" navigation buttons (VX4202R,4202RV), 2 x 16 character LCD display and speaker unit. Using the VX2207 programming kit which includes software and a connection cable the digital front panels can be fully programmed using a PC.

These units will work with the 900 and 3000 series intercom and videointercoms and with the low cost Art.3161B or 3162B intercoms.

4000 series digital panels are available in stainless steel (/S) or anodized aluminium (/A).

VX 2200

Digital System "Two wire" BUS audio - "Six wire" BUS video



Art.VX4203-0,1,2

Speaker unit module with functional/Digital Interface

This unit is built into a single 4000 series module, it includes the speaker and interfaces to the digital bus. Up to 64 push buttons can be added to the interface using the Art.4842, 4843, 4844, 4845 etc (The 4203 is available with either 1 button, 2 buttons or no buttons).

Art. VR4KAM2W

Speaker unit module with functional/Digital Interface vandal resistant line

The VR4KAM2W is a 4000 series digital 'two wire' vandal resistant speaker module which has been specifically developed for the Videx VX2200 (two wire audio and six wire video) bus systems. This module offers the same features as the VR4KAM with the addition of being able to connect up to 23 individual buttons using the vandal resistant VR4KBM button expansion modules.

Art.8202, 8202R Digital Front Panels

These units are built into a double 8000 series module (stainless steel/S or aluminium/A) and have numeric keypads and 8 alpha buttons (8202) or a numeric keypad with 3 "Repertory Names" navigation buttons (8202R), 2 x 16 character LCD display and speaker unit..

Art.8203-0,1,2

Speaker unit module with functional/Digital Interface

This unit is built into a single 8000 series module, it includes the speaker and interfaces to the digital bus. Up to 64 push buttons can be added to the interface using the Art.8843, 8844, 8845 etc (The 8203 is available with either 1 button, 2 buttons or no buttons).

Art.VX2204-1, Art.2204N

4 way (optional) Isolation Board

This unit isolates the telephones from the main bus preventing a single telephone from compromising the system. One PCB is required for every four handsets..

Art.VX2206

Digital BUS Exchanger

For use with two level systems enabling more than one speech path (One per internal block). For videointercom systems is required the VX2206/V.

Art.2206N

Block exchanger for audio/video door entry systems.

The Art.2206N has been developed from the Art.2206A and 2206V (BUS exchange devices) to give greater system flexibility in one and two level system design and permits far longer cable runs. The 2206N can be used to distribute the system BUS or used where the installation is greater than 180 apartments. The 2206N allows multiple speech paths on two level systems or on installations with a main digital entrance panel and a number of digital or functional secondary block or sub entrances with up-to 998 apartments. This module can also be used on installations where the existing cable cross section is found to be too small.

Note: main door stations used with Art.2206N must be digital panels (8202 or 4202 and related versions) with firmware release 5.0 or later.

Art.VX2210A-1/A

Digital Concierge Unit for intercom systems

The VX2210 allows the operator to handle and to transfer the calls from and to the users. Depending on the selected operating mode (day-night-off), it is possible to carry out different functions from the concierge. For video intercom systems, it is necessary to use VX2210-1/V (As VX2210-1/A with additional flat screen monitor). An RS232 input to a PC is also available.

Art.2280-1

"2 wire" Bus INTERFACE

The Art.2280-1 enables the connection of the VIDEX Telephone Interface (Art.280N1) or the VIDEX PABX interface (Art.275) or the VIDEX apartment station (Art.500MM) onto the VX2200 system "2 wire" Bus. Please, see "Telephone Systems" in this catalogue.



Art.3161B

Low cost intelligent intercom with electronic call tone (3 level volume), "door open" and "service" push buttons. It has a reduced number of features than the 3171 (see VX2200 section). Local bell input (requires an additional wire)

Art.3171, 3172, 3176

Intelligent Intercom with electronic call tone (3 level volume), "door open" and "service" push buttons. Programmable melody and number of rings. Plus "privacy ON-OFF" switch Art. 3172. Plus "timed privacy ON-OFF" push button, "door open" LED and "privacy on" LED, Art. 3176.

Art.5178

Intelligent voice switched hands free intercom with buttons to control "answer/end conversation", "door open" (programmable duration), "privacy on/off" (programmable duration) and "service" button. In addition there are 4 LEDs to indicate the status of "answer/end conversation", "door open/closed", "privacy on/off" and auxiliary "service" status. Call tone and loudspeaker volume controls are also incorporated on this model.

Art.VR5178

Same features of Art.5178 but vandal resistant version: the "service" button that is missing, is replaced by the "privacy" button that works also as "service" button. Adjustments and programmable functions are the same but are carried out in a different way. Vandal resistant version is for flush mount. This version is made from a brushed stainless steel plate, 2.5mm thickness, to which, in the back side, is secured the intercom circuitry. The intercom includes the flush mounting box comprised of fixing screws.

Art.901/D1

Videophone with same features as Art.942 plus additional 4" flat screen monitor with contrast and brightness controls. Also available with timed mute switch/LED and door open LED (Art901/D1ST) or for coax video system (Art.901/D2).

Art.3371

Special digital videophone with electronic call tone, Door opening/Concierge-call button, camera recall button, 3 service buttons, privacy of speech and alarm input (option). A local door bell can also be connected which will produce a different call tone melody (Not available when using full isolation). Depending on the dip-switch settings it can work on systems with coax video or systems with balanced video signal. Also available with electronic "ON-OFF" timed privacy push button, "DOOR OPEN" and "PRIVACY ON" leds (Art.3376).

Art.5478

Intelligent Hands free video monitor specific for VX2200 digital system using 3,5" full colour active matrix LCD monitor, with "door open", "answer/camera recall", "privacy on/off", "latch relay" buttons all with LED indication and 2 additional service buttons. Controls: loudspeaker volume, call tone volume, brightness and hue. Programmable number of rings, privacy duration, door opening time and video mode. Electronic call tone offered by the system plus active low inputs for local bell and alarm.

Art.VR5478

Same features of Art.5478 but VANDAL RESISTANT version. Programming and adjustments are carried out through a contextual OSD menu. Only for flush mount.

Art.SL5478

Same features of Art.5478 (except a small difference in the programming) but SLIM line version with a depth of 34.5mm. Only for surface mount, optional handset not available, optional decorative frame available.

ACCESSORIES

Art.2207

PC interface cable and Programming Software

This kit enables the full programming of the Art.VX2202M, 2202MR, 2210-1, 4202, 4202V, 4202R, 4202RV directly from a PC.

Art.2217

PC interface cable and Concierge Software

This kit is for digital concierge 2210-1 and enables a pc to execute all concierge functions plus additional functions.