

DESCRIPTION

The Art. 3171 is a digital intercom based on the **"2 Wire BUS"**, it includes a door-open button and a service button plus an electronic call tone with a 3 level volume control which can be adjusted by the user. Internally, the intercom, has an 8 way dip-switch to set the PHONE ID, a terminal board with 6 terminals for connection to the bus and other connections and a trimmer (VR1) to adjust the microphone volume. With the 3000 Series it is possible to connect up to 180 intercoms on the same system. If required it is possible to give the same address for a max. of 3 intercoms (for applications that require more units in the same apartment). The door-open push button on the Art. 3171 is also "call to concierge" (if there is one on the system) push button, while the **"●"** push button works on the terminals **"SW SW"** (Max 30Vac/dc 0,2A) of the terminal board.

The Art. 3172 is the same as the Art. 3171 plus the privacy switch which activates the **"privacy mode"** (the user can't receive incoming calls).

The Art. 3176 is similar to the Art. 3172 but in this case the **"privacy mode"** is activated by pressing the **⌘** push button. It is signalled by the red led "privacy on" and its duration (except when the same push button is pressed again) depends on the 3 way dip-switch (housed inside the intercom) settings. The Art. 3176 doesn't have the service push button but it has a green led "door open" to give the user a visual indication of whether the door is open or closed: to use this service, an additional wire is required from a door contact to the intercom.

All 3 models of intercoms allow the connection of an optional relay board Art. 402, for the activation of an external sounder instead of the internal one: the board is housed inside the intercom, connected to the JP2 (red wire on side "+") and the JP1 jumper (normally on A position) must be moved to the "B" position.

OPERATION

IN STAND-BY MODE:

The unit is ready to accept all the incoming calls;

TO ANSWER A CALL AND OPEN THE DOOR:

Pick the handset up and speak with the visitor (or concierge); press the **"Key"** button (if it is an external call) to open the door (an acoustic signal will be emitted and the door will be opened for the time programmed) or replace the handset to end the conversation; if the call is local (local bell), the call tone will have a different tonality from the main one.

TO CALL THE CONCIERGE UNIT (IF PRESENT AND ONLY VX2210-1 VERSION):

With the handset replaced, press the **"Key"** button and wait: the call is booked on the concierge and will be answered at the discretion of the operator;

TO ACTIVATE THE SERVICE RELEVANT TO THE ● PUSH BUTTON (EXCEPT THE ART. 3176):

Press the push button and the connected service will operate. Making some easy connections. It is possible to use this push button as an "alarm" push button: make a short between one of the **"SW"** terminal and the **"-"** terminal and then connect the free **"SW"** terminal to the **"AL"**, terminal. The signal generated will be received by the concierge and/or by the Art. 512DR to activate an additional service.

TO SELECT THE DESIRED MELODY (ONLY VERSIONS ART. 3171P, ART. 3172P):

1. Keep pressed the **"Key"** button until (after about 10 seconds) the intercom play the active melody; at the end of melody play, the intercom emit a beep (end of play);
 2. Listen the available melodies operating (press and release) the **"Key"** button after the beep at the end of play;
 3. After the end of play beep if you don't press the **"Key"** button within 3 seconds, the last melody heard is selected.
- The selected melody will play how many times how is the number of rings value (3 or 6) programmed.

TO SWITCH ON THE PRIVACY MODE:

- For the Art. 3172 put ON the switch, the small door over the switch will be RED;
- For the Art.3176 press the push button marked as **⌘**; the red LED "privacy on" will illuminate.

PROGRAMMING

Programming is made by setting the internal 8 way dip-switch to the positions shown on decimal/binary conversion table (pag. 7) of this manual and the configuration of the number of rings (3 or 6).

For the Art. 3176 it is necessary to set the internal 3 way dip-switch, to set the duration of the privacy mode, shown on the table below.

DIP SWITCH S1			TIME
1	2	3	
OFF	OFF	OFF	Unlimited
ON	OFF	OFF	15 min
OFF	ON	OFF	30 min
ON	ON	OFF	1 hour
OFF	OFF	ON	2 hours
ON	OFF	ON	4 hours
OFF	ON	ON	8 hours
ON	ON	ON	16 hours

SET THE NUMBER OF RINGS

The standard setting is 6 rings.

To change the rings setting make as follow:

- Switch off the intercom disconnecting the "L" wire;
- Short-circuit terminals "-" and "LB";
- Switch on the intercom connecting again "L";
- Remove the short-circuit as soon as the intercom emit the confirmation beeps:
 - » if are emitted two beep, rings are set to 6;
 - » if is emitted one beep, rings are set to 3;
- Repeat again the operation if the number of rings set is not the required one.

SEÑALES DE LA BORNES	
L	"BUS" bus connection.
-	
LB	Local bell input (ground signal).
AL	Alarm input (ground signal). The alarm generated by this input will be sent to the concierge (if present) and will be intercepted by the Art. 512DR if present and correctly configured.
SW (only VX3171, VX3172)	Service push button terminals
SW (only VX3171, VX3172)	
LD- (only VX3176)	Terminals for "Door Open" LED supply
LD+ (only VX3176)	

TECHNICAL SPECIFICATIONS

Addressing range:	from 1 to 180 (BIN code)
Working voltage:	BUS line Voltage
Stand-by absorption:	about 0.6 mA
Phone max. absorption:	about 80mA
Working temperature:	-10 +50 C°

CUSTOMER SUPPORT

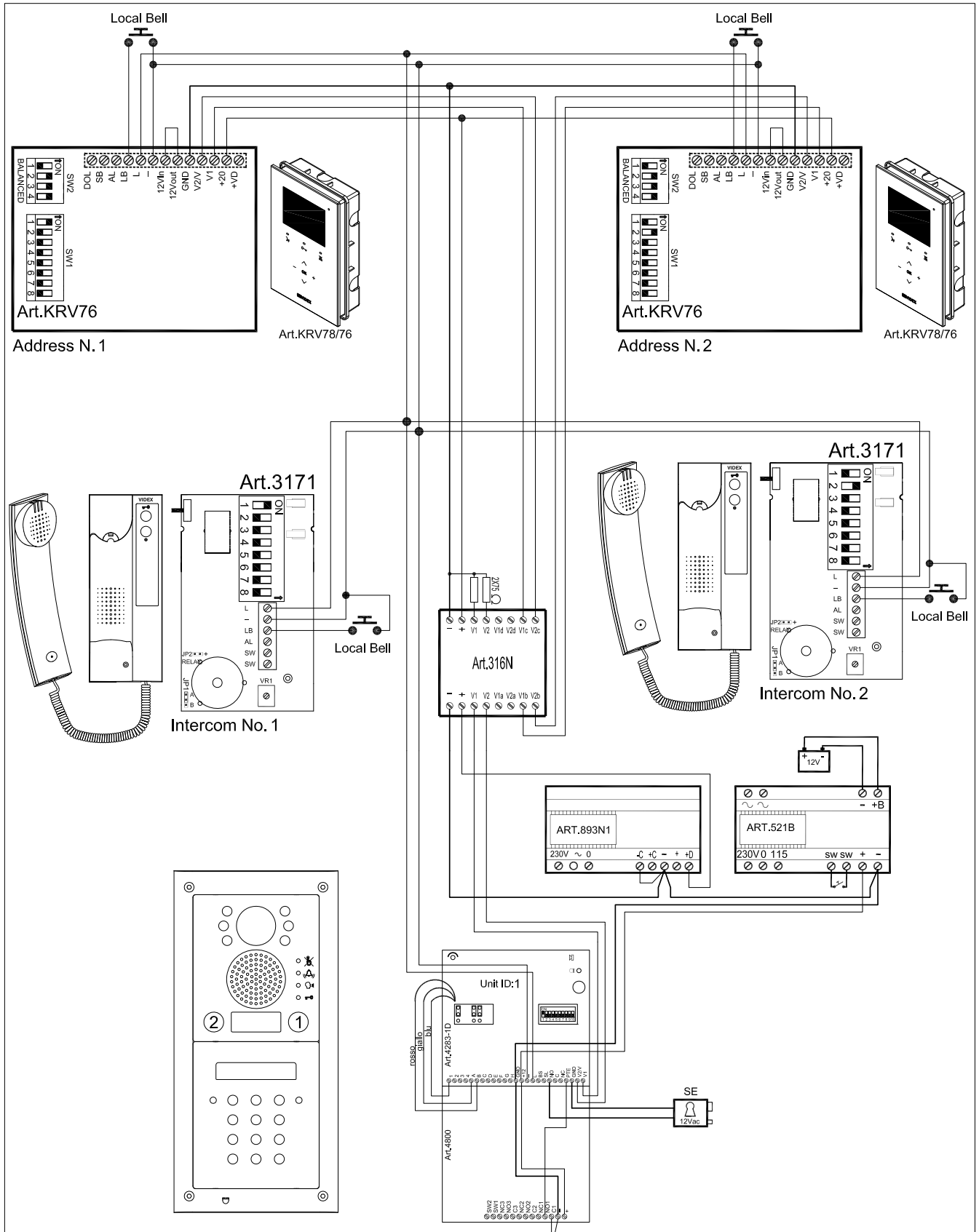


All Countries:
VIDEX ELECTRONICS S.P.A.
 www.videx.it - technical@videx.it
 Tel: +39 0734-631669
 Fax: +39 0734-632475

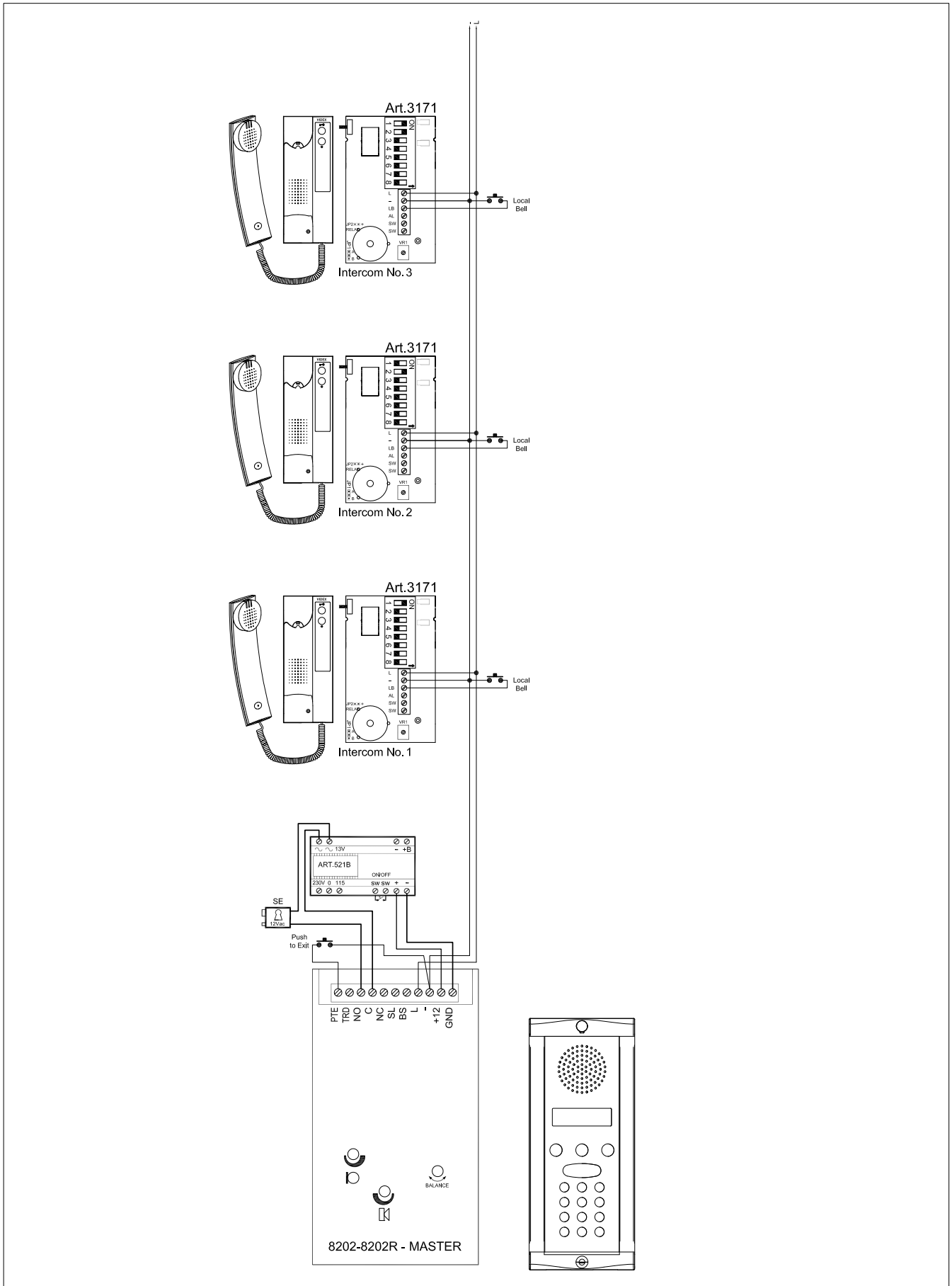
UK Customers:
VIDEX SECURITY LTD
 www.videx-security.com
 Tech Line: 0191 224 3174
 Fax: 0191 224 1559



The product is CE marked demonstrating its conformity and is for distribution within all member states of the EU with no restrictions. This product follows the provisions of the European Directives 2004/108/ECC (EMC); 2006/95/ECC (LVD) and 93/68/ECC (CE marking).



Title:		Data creazione:	20/03/2012	Foglio	1 / 1
Thob:		Data modifica:	27/07/2015		
Videx Electronics S.p.A. Via del Lavoro 1, 63020 Monte Giberto (AP) Phone: +39 0734 631669 - Fax +39 0734 631669 www.videx.it - Info@videx.it		Notes:			
		Note:			
		Autore:	Roberto Gambini		
		Cod.File:	224kvd063a.dwg		



<p>Videx Electronics S.p.A. Via dell'Industria 1, 63046 Monte Giberto (FM) Phone: +39 0734 631889 - Fax: +39 0734 631899 www.videx.it - info@videx.it</p>	<p>Date created: 29/04/2014 Data modified: 19/05/2014 Author: Marco Rongoni Code file: 228kau004.dwg</p>	<p>Foglio: 1 / 1</p>
---	--	----------------------

2/2

☐ = OFF
 ■ = ON

128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----