

# 2291 Series Control Cabinets

Audio & Video Cabinets



**2 WIRE BUS AUDIO**



**6 WIRE BUS VIDEO**



Art.	2291A-1D	2291A	2291V-1D	2291V
<b>DESCRIPTION</b>	VX2200 Audio 1 Door Control Cabinet	VX2200 Audio 4 Door Control Cabinet	VX2200 Video 1 Door Control Cabinet	VX2200 Video 4 Door Control Cabinet
<b>SERIES</b>	2291 Series Audio and Video Control Cabinets			
<b>CABINET</b>	Lockable CAB2 (pre-wired inc. keys)		Lockable CAB1 (pre-wired inc. keys)	
<b>CAB DIMENSIONS (mm)</b>	360 (W) x 265 (H) x 75 (D)		360 (W) x 455 (H) x 75 (D)	
<b>MAINS INPUT</b>	230Vac (50/60Hz) mains input voltage			
<b>MOUNTING</b>	Surface mount cabinet			
<b>CAB COMPONENTS</b>				
<b>PSU</b>	1x RGL PSU-3R (inc. battery back up, +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x RGL PSU-3R (inc. battery back up, +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)
<b>VIDEO PSU</b>	N/A	1x 893N (inc. -C/+C/ +/-+D)	N/A	1x 893N (inc. -C/+C/ +/-+D)
<b>SWITCHING CARD</b>	1x VX123-1 1 door audio switching card (1x 1A door input/output; 1x through input/output)	1x VX123-A 4 door audio switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-1 1 door video switching card (1x 1A door input/output; 1x through input/output)	1x VX123-V 4 door video switching card (4x 1A door inputs/outputs; 1x through input/output)
<b>TIMELOCK<sup>1</sup></b>	1x 701T (BST/GMT) digital timeclock			
<b>WORKING VOLTAGES</b>	12Vdc power (1x +/- @ 3A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A) video 20Vdc power (1x +/-, +D/- @ 1A)	12Vdc power (1x +/- @ 3A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A) video 20Vdc power (1x +/-, +D/- @ 1A)
<b>BATTERY BACK UP</b>	Yes: included on 12Vdc psu (PSU-3R on 2291A; 2291A-1D and UBPSU5.0 on 2291V; 2291V-1D)			
<b>ACCESSORIES</b>	NP7-12 12Vdc 7aH back up battery (not included); dimensions (mm): 150 (W) x 90 (H) x 60 (D)			
<b>FUNCTION AND OPERATION</b>	1 door audio control cabinet for use on VX2200 audio systems. Used as a central junction point and to switch through common data bus connections.	4 door audio control cabinet for use on VX2200 audio systems. Used as a central junction point and to switch through common data bus connections.	1 door video control cabinet for use on VX2200 video systems. Used as a central junction point and to switch through common data bus connections and balanced (V1/V2) video signals.	4 door video control cabinet for use on VX2200 video systems. Used as a central junction point and to switch through common data bus connections and balanced (V1/V2) video signals.

<sup>1</sup> All the above cabinets are available without the 701T digital timeclock, include suffix **/NTC** to the part no. i.e. **2291-1D/NTC; 2291A/NTC; 2291V-1D/NTC** and **2291V/NTC**.

# 2291 Series Control Cabinets

Audio Cabinets with Isolation & Block Exchanger



Art.	2291A4	2291A8	2291A12	2291AB
<b>DESCRIPTION</b>	VX2200 Audio 4 Door Control Cabinet with 4 way isolation	VX2200 Audio 4 Door Control Cabinet with 8 way isolation	VX2200 Audio 4 Door Control Cabinet with 12 way isolation	VX2200 Audio 4 Door Control Cabinet with Block Exchanger
<b>SERIES</b>	2291 Series Audio Control Cabinets			
<b>CABINET</b>	Lockable CAB1 (pre-wired inc. keys); dimensions (mm): 360 (W) x 455 (H) x 75 (D)			
<b>MAINS INPUT</b>	230Vac (50/60Hz) mains input voltage			
<b>MOUNTING</b>	Surface mount cabinet			
<b>CAB COMPONENTS</b>				
<b>PSU</b>	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)
<b>VIDEO PSU</b>	N/A	N/A	N/A	N/A
<b>SWITCHING CARD</b>	1x VX123-A 4 door audio switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-A 4 door audio switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-A 4 door audio switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-A 4 door audio switching card (4x 1A door inputs/outputs; 1x through input/output)
<b>ISOLATION CARD</b>	Yes: 1x 2204N 4 way isolation card (4x phone outputs; 1x through input/output)	Yes: 2x 2204N 4 way isolation cards (4x phone outputs; 1x through input/output)	Yes: 3x 2204N 4 way isolation cards (4x phone outputs; 1x through input/output)	N/A
<b>BUS EXCHANGER</b>	N/A	N/A	N/A	Yes: 1x 2206N bus exchange device
<b>TIMECLOCK</b>	1x 701T (BST/GMT) digital timeclock			
<b>WORKING VOLTAGES</b>	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A)
<b>BATTERY BACK UP</b>	Yes: included on 12Vdc psu (UBPSU5.0)			
<b>ACCESSORIES</b>	NP7-12 12Vdc 7aH back up battery (not included); dimensions (mm): 150 (W) x 90 (H) x 60 (D)			
<b>FUNCTION AND OPERATION</b>	4 door audio control cabinet with 4 isolated phone outputs for use on VX2200 audio systems. Used as a central junction point and to switch through common data bus connections.	4 door audio control cabinet with 8 isolated phone outputs for use on VX2200 audio systems. Used as a central junction point and to switch through common data bus connections.	4 door audio control cabinet with 12 isolated phone outputs for use on VX2200 audio systems. Used as a central junction point and to switch through common data bus connections.	4 door audio control cabinet including a 2206N block exchange device ( <b>no isolation</b> ) for use on VX2200 audio systems. Used as a central junction point and to switch through common data bus connections.

# 2291 Series Control Cabinets

Video Cabinets with Isolation & Block Exchanger



**6 WIRE BUS VIDEO**



Art.2291V4

Art.2291V8

Art.2291V12

Art.2291VB

Art.	2291V4	2291V8	2291V12	2291VB
<b>DESCRIPTION</b>	VX2200 Video 4 Door Control Cabinet with 4 way isolation	VX2200 Video 4 Door Control Cabinet with 8 way isolation	VX2200 Video 4 Door Control Cabinet with 12 way isolation	VX2200 Video 4 Door Control Cabinet with Block Exchanger
<b>SERIES</b>	2291 Series Video Control Cabinets			
<b>CABINET</b>	Lockable CAB1 (pre-wired inc. keys); dimensions (mm): 360 (W) x 455 (H) x 75 (D)			
<b>MAINS INPUT</b>	230Vac (50/60Hz) mains input voltage			
<b>MOUNTING</b>	Surface mount cabinet			
<b>CAB COMPONENTS</b>				
<b>PSU</b>	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)	1x XP UBPSU5.0 (inc. battery back up, 4x +/- and tamper)
<b>VIDEO PSU</b>	1x 893N (inc. -C/+C/ +/- /+D)	1x 893N (inc. -C/+C/ +/- /+D)	1x 893N (inc. -C/+C/ +/- /+D)	1x 893N (inc. -C/+C/ +/- /+D)
<b>SWITCHING CARD</b>	1x VX123-V 4 door video switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-V 4 door video switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-V 4 door video switching card (4x 1A door inputs/outputs; 1x through input/output)	1x VX123-V 4 door video switching card (4x 1A door inputs/outputs; 1x through input/output)
<b>ISOLATION CARD</b>	Yes: 1x 2204N 4 way isolation card (4x phone outputs; 1x through input/output)	Yes: 2x 2204N 4 way isolation cards (4x phone outputs; 1x through input/output)	Yes: 3x 2204N 4 way isolation cards (4x phone outputs; 1x through input/output)	N/A
<b>VIDEO DISTRIBUTION &amp; ISOLATION</b>	Yes: 1x 316I 4 way isolated video distribution pcb (4x V1/V2 video outputs; 1x through V1/V2 input/output)	Yes: 2x 316I 4 way isolated video distribution pcbs (4x V1/V2 video outputs; 1x through V1/V2 input/output)	Yes: 3x 316I 4 way isolated video distribution pcbs (4x V1/V2 video outputs; 1x through V1/V2 input/output)	N/A
<b>BUS EXCHANGER</b>	N/A	N/A	N/A	Yes: 1x 2206N bus exchange device
<b>TIMELOCK</b>	1x 701T (BST/GMT) digital timeclock			
<b>WORKING VOLTAGES</b>	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A) video 20Vdc power (1x +/-, +D/- @ 1A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A) video 20Vdc power (1x +/-, +D/- @ 1A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A) video 20Vdc power (1x +/-, +D/- @ 1A)	12Vdc power (1x +/- @ 2A; 3x +/- @ 1A) video 20Vdc power (1x +/-, +D/- @ 1A)
<b>BATTERY BACK UP</b>	Yes: included on 12Vdc psu (UBPSU5.0)			
<b>ACCESSORIES</b>	NP7-12 12Vdc 7aH back up battery (not included); dimensions (mm): 150 (W) x 90 (H) x 60 (D)			
<b>FUNCTION AND OPERATION</b>	4 door video control cabinet with 4 isolated video outputs for use on VX2200 video systems. Used as a central junction point and to switch through common data bus connections and balanced (V1/V2) video signals.	4 door video control cabinet with 8 isolated video outputs for use on VX2200 video systems. Used as a central junction point and to switch through common data bus connections and balanced (V1/V2) video signals.	4 door video control cabinet with 12 isolated video outputs for use on VX2200 video systems. Used as a central junction point and to switch through common data bus connections and balanced (V1/V2) video signals.	4 door video control cabinet including a 2206N block exchange device ( <b>no isolation</b> ) for use on VX2200 video systems. Used as a central junction point and to switch through common data bus connections and balanced (V1/V2) video signals.