

4000  
SERIES

# 4204X

4000 series 0-button, 1-button or 2-button functional audio speaker module for the VX2200 digital system



4204X-1/M



4204X-0/M



4204X-2/M



## 4000 series audio speaker

Functional two way speech amplifier module for the VX2200 digital system with integrated proximity access reader.

## Blue back-lit name plate window

2 LEDs to illuminate the name plate window.

## DDA compliant call progress LEDs and call reassurance tones

The 4000 series audio modules are equipped with call progress status LEDs: busy, call in progress, communication open and door open. Call reassurance tones to let the visitor know the call is in progress.

## 4000 series modular design

Robust modular design compatible with all 4000 series surface and flush back boxes.

## Available finishes and versions



4204X-0/S



4204X-1/S



4204X-2/S

Mirror stainless steel



4204X-0/BL



4204X-1/BL



4204X-2/BL

Gun metal grey



PROXIMITY



RS485 BUS



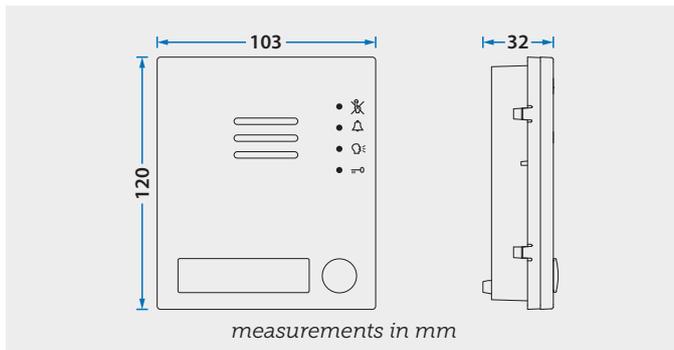
IK07



IP65



THE POWER TO SECURE



## Module button expansion

Using a combination of 4000 series button expansion modules the desired number of call buttons for a multiple button audio or video system can be achieved.



## Key features

- Built-in proximity access for up to 60 users (increased to 1000 using the **2X00PC** software).
- Compatible with the full range of 4000 series surface and flush back boxes and front support frames.
- Impact Protection rating **IK07** and ingress protection rating **IP65**.
- Front fascia options: matt 316 brushed stainless steel marine grade (**/M**), mirror stainless steel finish (**/S**) or gun metal grey finish (**/BL**).
- DDA compliant call progress LEDs and call reassurance tones.
- Microphone and speaker volume control POTs and balance adjustment.
- Power supply input via 12Vdc PSU (**521B** or **2291** series cabinets).

## Technical characteristics

<b>Description</b>	Modular 4000 series functional audio speaker for the VX2200 digital system with built-in proximity access reader		
<b>Audio/Video</b>	Audio only module however can be used on video systems		
<b>Buttons</b>	<b>Built-in</b>	0, (4204X-0)	1, (4204X-1)
	<b>Max.</b>	multiple combinations (up to 42 max.) using additional 4000 series IDC button modules: 4042, 4043, 4044, 4045, 4042D, 4043D, 4044D and 4045D and connecting with CFL17 and CFL45 IDC ribbon cables	
<b>Name plate &amp; illumination</b>		1, proximity window	1, back-lit blue
			2, back-lit blue
<b>Built-in proximity reader</b>	Yes: up to 60 users (max.), user capacity increased up to 1000 (max.) when programmed with <b>2X00PC</b> software, operating RFID frequency 125kHz (built-in proximity reader behind nameplate window for button 1)		
<b>Compatible fobs &amp; cards</b>	Fobs: 955/T (blue), 955/B (black), 955/R (red), 955/Y (yellow), 955/G (green), card: 955/C		
<b>Front fascia finishes</b>	/M matt 316 stainless steel, /S mirror stainless steel or /BL gun metal grey		
<b>Module protection rating</b>	IK07 impact protection and IP65 ingress protection		
<b>Call Progress LEDs</b>	Yes: 4xLEDs - Busy, Call, Speak and Door open		
<b>Module programming and adjustments</b>	Dip-switches: Master/slave setup; Push button group configuration; Conversation time; Door open time; Unit ID (ID's 1 - 8); standard/advanced programming modes. Jumper J1: relay operating mode - dry contacts or capacitor discharge, Jumper J4: call reassurance tone high/low.		
<b>RS485 bus</b>	Yes: RS485 bus used for programming with <b>2X00PC</b> software (via 481 RS485/USB converter) when module set to advanced programming mode		
<b>Wiegand input</b>	Yes: D0 (data 0), D1 (data 1), LR (red denied LED) and LG (green accept LED)		
<b>Module Size</b>	1 module 4000 series: 103 (W) x 120 (L) x 32 (D) mm		
<b>Adjustment POTs</b>	Yes: microphone and speaker volume controls with balance adjustment		
<b>Relay contacts</b>	1 relay: CO, NO and NC / capacitor discharge (switched +pos through NO)		
<b>Relay voltage and amp rating</b>	Dry contact voltage: 24Vac/dc, 2A max. Capacitor discharge: 12Vac/dc, 1A max.		
<b>PTE input</b>	Yes: 1xPTE switched 0V input (push-to-make)		
<b>Working voltage</b>	12Vdc (compatible PSU's: <b>521B</b> and <b>2291</b> series cabinets)		
<b>Power consumption</b>	standby: 100mA / max. during operation: 200mA		
<b>Working temperature</b>	-20°/+60°C		

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