

HRODC Ltd.



HRODC Ltd QUOTATION



With Kindest Regards,

A stylized, handwritten signature in gold ink, appearing to read "R. B. Crawford".

Prof. Dr. R. B. Crawford
Chief Executive



Human Resource and Organisational Development Consultancy (HRODC) Ltd. Registered in England No. 6088763.

Registered Office: 122A Bhylls Lane, Castlecroft, Wolverhampton, West Midlands WV3 8DZ, UK

Prof. Dr. R. B. Crawford

PhD (London), MEd.M. (Bath), Adv. Dip. Ed. (Bristol), PGCIS (TVU), ITC (UWI), MAAM, MAOM, LESAN, MISGS. Visiting Prof. P.U.P.

Chief Executive & Chief Consultant – HRODC Ltd.



V.A.T. # 8958 765 38

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Human Resource and Organisational Development Consultancy (HRODC) Ltd.

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Date Issued:	
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HRODC Ltd – Legal Parameter

Human Resource and Organisational Development Consultancy (HRODC) Ltd is Registered in England, with Registration Number 6088763. Its VAT Registration is: 8958 765 38. It is directly accountable to, and monitored by, several government agencies, including Companies House, an Executive Agency of the Department for Business, Enterprise and Regulatory Reform (BERR). All ‘Offices’ of HRODC Ltd, including National Representatives are subject to public scrutiny and transparency. Its Registered Office is 122A Bhylls Lane, Castlecroft, Wolverhampton, West Midlands WV3 8DZ, UK, with Office in London UK. It has National Representatives in Nigeria, Ghana, Cameroon, United Arab Emirates (UAE), Kingdom of Saudi Arabia, among others. Prof. Dr. R. B. Crawford, PhD (London), MEd.M. (Bath), Adv. Dip. Ed. (Bristol), PGCIS (TVU), ITC (UWI), MAAM, MAOM, LESAN, MISGS. Visiting Prof. P.U.P. is its Chief Executive.

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Data Projectors - Digital DLP Data Projectors

ViewSonic PJ551D DLP Projector Product Code: PPVS551 - HRODC Price: £360.00



The ViewSonic PJ551D is a DLP projector that offers great value and performance in a portable six-pound package. Featuring 2,200 lumens, an ultra-high 2000:1 contrast ratio (typ) and Brilliant Color, the PJ551D delivers rich, vibrant image reproduction. Presenters will appreciate the vertical keystone correction for easy image adjustment and the direct off feature that allows you to turn it off and go, no more waiting for a long cooling cycle. Built-in security features include a PIN lock password to protect the projector from unauthorized use and the Kensington security port to deter unauthorized projector removal from classrooms or media carts. It's the full-featured projector that's equally at home in the office or the classroom.

ViewSonic PJ551D DLP Projector General Description and Technical Specification

Specification Value

Device Type DLP Projector
 Width 27.7 cm
 Depth 22.3 cm
 Height 11 cm
 Weight 2.8 kg

Projector / Panel

Specification

Value

Image Contrast Ratio 2000:1
 Image Size 0.71 m - 6.48 m
 Resolution 1024 x 768
 Native Aspect Ratio 4:3
 Max Sync Rate (V x H) 85 Hz x 79 kHz
 Bulb type 180 Watt

Projector Lens System

Specification Value

Zoom Factor 1.1x

Video Input

Specification

Value

Analogue Video Format SECAM, PAL-N, PAL-M, NTSC 4.43, PAL 60, NTSC 3.58
 Analogue video Signal RGB, S-Video, composite video
 Digital Television Video Formats 480p, 720p, 1080i, 480i, 576i, 576p

Input Device

Specification Value

Type Remote control - external - wireless

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Expansion / Connectivity

SpecificationValue

Interfaces 1 x VGA input - 15 pin HD D-Sub (HD-15) | 1 x composite video input - RCA | 1 x S-video input - 4 PIN mini-DIN | Audio line-in - RCA x 2 | 1 x USB Power

Specification

Value

Power Device Power supply - internal
Voltage Required AC 120/230 V (50/60 Hz)
Power Consumption Operational230 Watt

Software / System Requirements

Specification Value

Software IncludedDrivers & Utilities

Environmental Parameters

Specification

Value

Min Operating Temperature 5 °C
Max Operating Temperature35 °C
Humidity Range Operating 30 - 85%
Sound Emission 36 dB



3M Digital Projector X20 LCD Projector
Product Code: PP3MX20 – HRODC Price: £550.00



Need the brightness and clarity of a True XGA (1024 x 768) LCD projector in a lightweight model that you can take on-the-go? The 3M Digital Projector X20 may be just the right mobile solution you've been seeking. Weighing less than 4 lbs., this 4:3 aspect ratio projector delivers a crisp image from 30-300 inches - perfect for almost any office, classroom or small space screen. Easily connect your PC to one of the RGB inputs or go even lighter with a PC-less .jpg presentation using the featured USB port. You can even personalize your settings and increase your security with the many 3M X20 features. It's lighter and brighter at its best.

3M Digital Projector X20 LCD Projector
General Description and Technical Specification

Specification Value

Device Type	LCD projector
Built-in Devices	Speaker
Width	27.4 cm
Depth	20.5 cm
Height	5.9 cm
Weight	1.8 kg
Localisation	United Kingdom, United States, Europe Projector / Panel

Specification	Value
Image Brightness	2000 ANSI lumens
Image Contrast Ratio	500:1
Image Size	0.8 m - 7.6 m
Digital Zoom Factor	4x
Resolution	1024 x 768 (native) / 1600 x 1200 (resized)
Native Aspect Ratio	4:3
Display Format	786,432 pixels
Colour support	24-bit (16.7 million colours)
Max Sync Rate (V x H)	120 Hz x 106 kHz
Bulb type	UHB 160 Watt
Bulb life cycle	2000 hour(s) / 3000 hour(s) (economic mode)
Features	Freeze frame, whisper-mode Projector Lens System

Specification	Value
Focus Type	Manual
Lens Aperture	F/1.8-1.9
Zoom Type	Manual
Zoom Factor	1.2x
Keystone Correction Type	Digital
Keystone Correction Direction	Vertical

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Vertical Keystone Correction -30 / +30

Video Input

Specification	Value
Analogue Video Format	NTSC, SECAM, PAL, PAL-N, PAL-M, NTSC 4.43
Analogue video Signal	RGB, S-Video, composite video, component video
Digital Television Video Formats	480p, 720p, 1080i, 480i, 525i, 525p, 625i, 576i, 750p, 1125i

Audio Output

Specification	Value
Type	Speaker(s) - integrated
Sound Output Mode	Mono
Output Power / Channel	1 Watt
Speaker(s)	1 x mixed channel

Input Device

Specification	Value
Type	Remote control - external - wireless
Movement Detection Technology	Infrared

Expansion / Connectivity

Specification	Value
Interfaces	2 x VGA - 15 pin HD D-Sub (HD-15) 1 x S-video input - 4 PIN mini-DIN 1 x composite video input - RCA 1 x audio line-in - mini-phone stereo 3.5 mm 1 x audio line-out - mini-phone stereo 3.5 mm 1 x USB upstream - 4 PIN USB Type A 1 x USB downstream - 4 PIN USB Type B

Miscellaneous

Specification	Value
Included Accessories	Carrying case, lens cover
Cables Included	1 x VGA cable 1 x audio cable - 2 x RCA to 3.5 mm
Security Features	Security lock slot (cable lock sold separately), PIN code, transition detector
Compliant Standards	FCC Class B certified, CE, UL, cUL, EN 60950, FCC Part 15, WEEE

Power

Specification	Value
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	250 Watt

Manufacturer Warranty

Specification	Value
Service & Support	3 years warranty
Service & Support Details	Limited warranty - parts and labour - 3 years Limited warranty - lamp - 1 year

Environmental Parameters

Specification	Value
Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Sound Emission	36 dB



**3M Digital Projector X66 LCD Projector - 3000 ANSI
Product Code: PP3MX66 - HRODC Price: £700.00**



The 3M Digital Projector X66, with its 3000 ANSI lumens and crisp, data and video image display, is the ideal projector for larger classrooms, conference rooms, executive boardrooms, hotel meeting and ballrooms or even small auditorium-designed rooms.

3M Digital Projector X66 - LCD projector
Manufacturer: 3M

Projector type: LCD Projector; Resolution: 1024 x 768; Image brightness: 3,000 ANSI lumens

2 x VGA input - 15 pin HD D-Sub (HD-15), 1 x VGA output - 15 pin HD D-Sub (HD-15), 1 x Component video input - RCA X 3, 1 x Composite video input - RCA, 1 x S-video input - 4 pin mini-DIN, 2 x Audio line-in - Mini-phone 3.5 mm, 1 x Audio line-in - RCA X 2, 1 x Audio line-out - Mini-phone 3.5 mm, 1 x Serial RS-232 - 9 pin D-Sub (DB-9) (Management), 1 x USB - 4 pin USB Type B

**3M Digital Projector X66 LCD Projector
General Description and Technical Specification**

Specification Value

Device Type LCD projector
Built-in Devices Speaker
Width 34 cm
Depth 27 cm
Height 10 cm
Weight 3.5 kg
Localisation United Kingdom, United States, Europe
Projector / Panel

Specification	Value
Image Brightness	3000 ANSI lumens
Image Contrast Ratio	400:1
Image Size	0.76 m - 8.89 m
Resolution	1024 x 768 (native) / 1600 x 1200 (resized)
Native Aspect Ratio	4:3
Display Format	786,432 pixels
Colour support	24-bit (16.7 million colours)
Max Sync Rate (V x H)	120 Hz x 106 kHz
Bulb type	UHB 220 Watt
Bulb life cycle	2000 hour(s) / 3000 hour(s) (economic mode)
Controls / Adjustments	Input select
Features	Whisper-mode, Auto Vertical Keystone

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Projector Lens System

Specification	Value
Focus Type	Manual
Lens Aperture	F/1.6-1.8
Zoom Type	Manual
Zoom Factor	1.2x
Keystone Correction Type	Digital
Keystone Correction Direction	Vertical
Vertical Keystone Correction	-30 / +30

Video Input

Specification	Value
Analogue Video Format	NTSC, SECAM, PAL, PAL-N, PAL-M, NTSC 4.43
Analogue video Signal	RGB, S-Video, composite video, component video
Digital Television Video Formats	480p, 480i, 525i, 525p, 625i, 576i, 1080/60i, 720/60p, 750p, 1125i

Video Output

Specification	Value
Analogue Video Signal	RGB

Audio Output

Specification	Value
Type	Speaker(s) - integrated
Sound Output Mode	Mono
Output Power / Channel	6 Watt
Speaker(s)	1 x mixed channel

Input Device

Specification	Value
Type	Remote control - external - wireless
Movement Detection Technology	Infrared

Expansion / Connectivity

Specification	Value
Interfaces	2 x VGA input - 15 pin HD D-Sub (HD-15) 1 x VGA output - 15 pin HD D-Sub (HD-15) 1 x component video input - RCA x 3 1 x composite video input - RCA 1 x S-video input - 4 PIN mini-DIN 2 x audio line-in - mini-phone 3.5mm 1 x audio line-in - RCA x 2 1 x audio line-out - mini-phone 3.5mm 1 x serial RS-232 - 9 pin D-Sub (DB-9) (management) 1 x USB - 4 PIN USB Type B

Miscellaneous

Specification	Value
Included Accessories	Carrying case
Cables Included	1 x VGA cable 1 x A/V cable - composite 3 x RCA to 3 x RCA
Security Features	Security lock slot (cable lock sold separately), password protection, security bar
Compliant Standards	FCC Class B certified, CE, UL, cUL, FCC Part 15 B, EN 60950-1

Power

Specification	Value
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	320 Watt

Manufacturer Warranty

Specification	Value
Service & Support	3 years warranty
Service & Support Details	Limited warranty - 3 years Limited warranty - 2500 hours Limited warranty - lamp - 90 days Limited warranty - lamp - 180 hours Technical support - phone consulting New releases update

Environmental Parameters

Specification	Value
Min Operating Temperature	5 °C

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Max Operating Temperature 35 °C
 Sound Emission 36 dB

Digital Projector DX70 offers a Bright 3800 ANSI Lumen Product Code: PP3MDX70 HRODC Price: £1,235.00	
	<p>Digital Projector DX70 offers a bright 3800 ANSI Lumen video and data display that will make your images command attention. The full connectivity makes this an ideal projector for larger conference or training rooms, boardrooms, ballrooms or virtually any multi-purpose environment that requires crisp, clear multi-media display.</p>
<p>Utilizing the XGA DarkChip3™ DLP® Technology from Texas Instruments, the 3M Digital Projector DX70 is for customers looking to the DLP technology for longer projector life, the DX70 is also the only 3M projector to offer a High-Usage Warranty Upgrade for unlimited hours of usage during the 3-year warranty term.</p>	<ul style="list-style-type: none"> • XGA (1024 x 768) Resolution • 3800 ANSI Lumens • Lightweight at only 8 lbs. • Digital Keystone Correction • 2 RGB Inputs, 1 RGB Output • 4:3 native aspect ratio; 16:9 supported • DVI-D Input • Network Control • 30" - 350" Image Range • 3-Year Standard Warranty Included • High Usage Warranty • Upgrade Available

**Digital Projector DX70 offers a bright 3800 ANSI Lumen –
 General Description and Technical Specification**

Specification Value

Device Type DLP Projector
 Built-in Devices Stereo speakers
 Width 33.5 cm
 Depth 25 cm
 Height 10 cm
 Weight 3.6 kg
 Localisation United Kingdom, United States, Europe
 Projector / Panel

Specification

Value

Image Brightness 3800 ANSI lumens
 Image Contrast Ratio 2500:1
 Image Size 0.76 m - 8.89 m
 Resolution 1024 x 768 (native) / 1600 x 1200 (resized)

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Native Aspect Ratio	4:3
Display Format	786,432 pixels
Colour support	24-bit (16.7 million colours)
Max Sync Rate (V x H)	85 Hz x 91 kHz
Bulb type	300 Watt
Bulb life cycle	2000 hour(s) / 3000 hour(s) (economic mode)
Features	Whisper-mode, XGA DarkChip3 DLP Technology Projector Lens System

Specification	Value
Focus Type	Manual
Lens Aperture	F/2.4-2.6
Zoom Type	Manual
Zoom Factor	1.2x
Keystone Correction Type	Digital
Keystone Correction Direction	Horizontal, vertical
Vertical Keystone Correction	-15 / +15
Horizontal Keystone Correction	-15 / +15

Video Input

Specification	Value
Analogue Video Format	NTSC, PAL-B/G, PAL-N, PAL-M, PAL-I, NTSC 4.43, PAL-D, SECAM L, PAL-H, SECAM K1, SECAM D/K, SECAM B/G
Analogue video Signal	RGB, S-Video, composite video
Digital Television Video Formats	480p, 480i, 525i, 525p, 625i, 576i, 1080/60i, 720/60p, 750p, 1125i

Video Output

Specification	Value
Analogue Video Signal	RGB

Audio Output

Specification	Value
Type	Speaker(s) - integrated
Sound Output Mode	Stereo
Output Power / Channel	2 Watt
Speaker(s)	1 x right / left channel

Input Device

Specification	Value
Type	Remote control - external - wireless
Movement Detection Technology	Infrared

Expansion / Connectivity

Specification	Value
Interfaces	2 x VGA input - 15 pin HD D-Sub (HD-15) 1 x VGA output - 15 pin HD D-Sub (HD-15) 1 x composite video input - RCA 1 x S-video input - 4 PIN mini-DIN 3 x audio line-in - mini-phone 3.5mm 1 x audio line-out - mini-phone 3.5mm 1 x DVI-D input - 24 pin digital DVI 1 x serial RS-232 (management) 1 x network - RJ-45 (management) 1 x USB - 4 PIN USB Type B

Miscellaneous

Specification	Value
Cables Included	1 x VGA cable 1 x S-Video cable 1 x USB cable
Security Features	Security lock slot (cable lock sold separately)
Compliant Standards	FCC Class B certified, CE, UL, cUL, FCC Part 15, EN 60950-1, WEEE

Power

Specification	Value
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	385 Watt



Manufacturer Warranty

Specification	Value
Service & Support	3 years warranty
Service & Support Details	Limited warranty - 3 years Limited warranty - 2500 hours Limited warranty - lamp - 90 days Limited warranty - lamp - 180 hours Technical support - phone consulting New releases update

Environmental Parameters

Specification	Value
Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	0 - 80%
Sound Emission	38 dB

