BARCODATA 808s

High Performance Data Projector

The BARCODATA 808s is a high performance data projector designed to project crystal clear images from a wide range of high resolution PC graphics boards on screens up to 6 m (20 ft.) wide. The BARCODATA 808s is ideally suited for a wide range of presentation and training applications, such as boardroom meetings, conferences, exhibitions, software training and educational institutions.

Outstanding image quality
The BARCODATA 808s renders large screen images with unprecedented visual fidelity on screens from 1.4 m (4.6 ft.) up to 6 m (20 ft.) wide.
• High resolution 8" CRTs with electromagnetic focus system
• High definition F1.06 hybrid lenses
• Optional built-in Video line doubler

Broad compatibility
The BARCODATA 808s is compatible with a wide range of PC graphics boards with a resolution up to 1,280 x 1,024 pixels/70 Hz.
• Horizontal autolock scan frequency range of 15-75 kHz
• Vertical scan frequency of 37 - 200 Hz autolock
• RGB bandwidth of 75 MHz
• A full complement of signal input connections

Extremely flexible projector
• A range of options for multi-screen applications, non-standard projection angles and special applications
• Extremely low RFI/EMI emissions: FCC part 15 Class B (120 V version) and CE EN55022 Class B (230 V version)
• Built-in IRIS[3] automatic alignment system aligns on-screen convergence and geometry in less than 2.5 minutes

IRIS[3]
intelligent tuning

New!

Now with Built-in IRIS[3]
Auto-Convergence
Auto-Geometry

BARCO

Technical specifications

Light output
At 10 % peak white: 1,250 lumens
ANSI:
Economy mode: 180 lumens
Normal mode: 210 lumens
Boost mode: 250 lumens

CRTs
High brightness, high definition liquid cooled 8" electromagnetic focus CRTs

Lenses
High definition, fully colour corrected, F1.06 hybrid lenses, with centre + edge focus adjustment

Optical resolution
10 lp/mm at 50% MTF throughout the field

Screen sizes
Min.: 1.4 m x 1.05 m (4.6' x 3.45')
Max.: 6.0 m x 4.5 m   (20' x 15')

Scan frequencies
Horizontal: 15 - 75 kHz autolock
Vertical: 37 - 200 Hz autolock

Minimal retrace time
Horiz.: < 2.5 µs
Vert.:   < 300 µs

RGB bandwidth
75 MHz [-3 dB]

Horizontal linearity
< ±1.5 % distortion throughout the full horizontal frequency range

Inputs
• RGB or Component (R-Y, B-Y, Y) input on 5 BNC-connectors, with sync on green or separate sync, automatic sync detection and sync polarity
• RGB analog input on D9-connector, with automatic sync detection and polarity (optional D9-BNC adapter available)
• Video (PAL/ SECAM/ NTSC 3.58/ NTSC 4.43), loop-through (2xBNC) with 75 Ohm termination switch
• S-Video input (4-pin mini-DIN), loop through with 75 Ohm termination switch (can also be programmed as a second Video input)

Special features
• CRT drive in 3 modes: normal mode, economy mode for longer lifetime of the CRTs, and boost mode for special applications
• Multi-language on-screen menus: English, French, German and Spanish
• 32 frequency-related memory banks
• LDI (Linear Digital Interpolation)
• Effective on-screen display
• Automatic storing of all adjustments
• Ability to set parameters to midposition
• Colour temperature adjustment (3200 K, 4900 K, 6500 K, 9300 K or custom)
• Built-in projection distance calculator
• 'Seagull' correction to improve corner geometry
• Built-in IRIS[3] convergence and geometry alignment unit

Power consumption
500 W

Safety regulations
The BARCODATA 808s complies with UL1950 and EN60950

Electromagnetic interference
The BARCODATA 808s complies with FCC part 15 Class B (120 V version) and CE EN55022 Class B (230 V version)

Weight
Net weight: 67 kg (148 lbs)
Shipping weight: 83 kg (183 lbs)

Order information
BARCODATA 808s
230 V: R9002032
120 V: R9002037

RCVDS 05 source selector
230 V: R9827880
120 V: R9827889

Projector Control software
                          R9827530
Line doubler kit   R9828161

Executive remote control
                          R9827970
Remote infrared receiver
                          R9827515
D9-BNC cable adapter   R9827840

Communication cables
5 m   (16 ft.)   R9827770
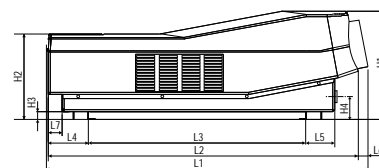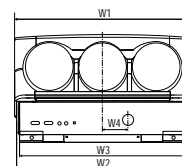15 m (50 ft.)   R9827560
30 m (100 ft.)   R9827570

Ceiling mount 808/1200
• With pulley system   R9827341
• Without pulley system R9827342

Flight case   R9828110

Special add-in boards
• Contrast modulation kit
                          R9828145
• Orbiting kit   R9827781
• BCL link   R9827861
• Convergence on green
                          R9828080
• Tri-level sync input   R9828040

Dimensions	mm	inch
L1	1,076	42.36
L2	1,040	40.94
L3	728	28.66
L4	136	5.35
L5	96	3.78
L6	32	1.26
L7	46	1.81
H1	362	14.25
H2	286	11.26
H3	27	1.06
H4	75	2.95
W1	590	23.23
W2	576	22.68
W3	558	21.97
W4	86	3.39

BARCO Projection Systems is an ISO 9001 registered company.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.

BARCO