

# LOEWE. Systems

## CERTOS



### **PRELIMINARY: MASTER UNIT - DVD / PRE-CEIVER / SURROUND PROCESSOR**

- Unique design allows integration with home décor unlike traditional A/V equipment
- High-performance intelligent system, integrates with other Loewe Systems products for simple, automated operation
- Audio inputs and outputs provide flexibility to interface with other A/V products
- Available Summer 2003

# LOEWE.

Systems

## Certos Master Unit - Tuner/Preceiver/Surround Decoder

in Basalt



in Platinum



### TUNING

Tuning Range (FM)	88 MHz - 108 MHz
Programmable memory positions	60
RBDS (Radio Broadcast Data System)	Yes
Display Languages	English, French, Spanish
Automatic Program Memory	Yes
All Functions Controllable From RC-2 Remote Keypad	Yes

### DSP MODES

Dolby Digital	5.1 out
dts	5.1 out
MPEG 2 (layer 2)	5.1 out
Dolby Surround Pro Logic	Yes
Night Mode	Dynamic Compression
COS Surround (2 channel to 5.1 output)	5.1 out

### AUDIO CONNECTIONS

System-Link	1 x System jack
Concertos Bass Module Link	1 x 13 - pin plug
Pre-Out (5.1 Channel Output)	6 x RCA
TV In	1 x Stereo RCA
TV Out (Fixed level)	1 x Stereo RCA
AUX 1 In (Analog)	1 x Stereo RCA
AUX 2 In (Analog)	1 x Stereo RCA
AUX 2 Out (Analog - Downmix to Stereo)	1 x Stereo RCA
AUX 3 (Digital In)	1 x RCA
AUX 4 (Digital In - Optical)	1 x Toslink
Digital Out	1 x RCA
Digital Out Optical	1 x Toslink
S-Link TV	1 x Mini DIN
S-Link External	1 x Mini DIN
FM Antenna	IEC 75 Ohms
Headphone Jack	1 x 1/4" phone plug

### VIDEO CONNECTIONS

Component Out (Y, Pb, Pr)	3 x RCA
S-Video	1 x Hosiden
Composite	1 x RCA

### MISCELLANEOUS

Power Supply Voltage	120 V
Power Consumption (master unit and DVD)	< 40 W
Power Consumption in Standby Mode (master unit and DVD)	< 1 W
Recommended Room Temperature (Degrees Fahrenheit min/max)	+ 41 F / + 104 F
Dimensions (Width x Height x Depth approx.)	12.6" x 3.4" x 12.6"
Weight	13.3 lbs
Colors	Basalt High Gloss, Platinum

### ACCESSORIES

Video Cable (quantity & length)	
Audio Cable (quantity & length)	1 x 12 feet
S-Link Cable (quantity & length)	1 x 12 feet
Certos/Concertos System Cable (quantity & length)	1 x 12 feet
Antenna Cable (quantity & length)	1 x 9 feet
Power Cable (quantity & length)	1 x 7 feet

### OPTIONAL ACCESSORIES

Certos CD/DVD rack (High-Gloss Basalt or Platinum)	12.6" x 21.9 x 12.6"
Certos System long cable	18 feet
Certos/Concertos System long cable	18 feet

Specifications subject to change without notice



Master Unit design - integrated with Concertos

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## Certos DVD Unit



Certos in Platinum on F-Stand

### GENERAL

Disc Formats / Disc Compatibility	DVD CD Audio CD Audio Text MP-3 (128 kbps) CD -R CD-RW DVD-RW (Video mode) DVD+RW (Video mode)
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### VIDEO

Video Standard	NTSC / PAL
Region Code Playability	Region 1 Region change - via Service
Horizontal Resolution (DVD)	500 lines
Picture Format	16:9, Letterbox, 4:3, Pan & Scan 4:3
Digital Image Processing	10 bit

### AUDIO

Dolby Digital	Yes
Dolby Pro Logic	Yes
dts	Yes
MPEG 2	Yes
MP3 playback	Yes (128kbps)
PCM	Yes
Stereo	Yes
Digital audio signal processing	24 bit
Signal to Noise Ratio (1 kHz)	> 100 dB
Dynamic Range	> 90 dB
Channel Separation (1kHz)	90 dB

### OTHER FUNCTIONS

Angle of Vision (Camera Position) *	Max 9
Foreign Languages / subtitles *	Max 8 / Max 32
Favorite Track Selection	Yes
CD Text	Yes
Resume Function	Yes
Parental Lock	Yes
On-Screen Display (OSD) in foreign languages	English, French, Spanish

### REPLAY FUNCTIONS

Sequence / Title Jump	Segment, Title, DVD/CD
Repeat	Yes
Perfect still frame	Yes
Frame Step Forward	Forward 1/8, 1/4, 1/2, 1
Variable Fast Motion	Backward -32, -4 Forward 4, 32
Digital Zoom	1.25 - 4.00 in 0.25 intervals

### EQUIPMENT

Dual Laser	Yes
Integrated Dolby Digital / MPEG 2 decoder	Yes
Noise Generator	Yes
Virtual 3-D Surround	Yes
Digital Link	Yes

### ACCESSORIES

Certos WM (Wall Mount Bracket)	Yes
Dimensions, 2 metal brackets: width x length	15.8" x 47.4"

### OPTIONAL ACCESSORIES

Certos F Stand (Aluminum)	Optional
Dimensions: base plate/rod height/mounting bracket W x L	13.7" x 31.1" x 4.8" x 15.6"
Certos T Stand (Aluminum)	Optional
Dimensions: base plate/rod height/mounting bracket W	

### MISCELLANEOUS

Dimensions (W x H x D in inches)	22.4 x 19.7 x 7.9 inches
Weight in pounds	8.8 lbs
Available Colors	Platinum, High Gloss Basalt

Specifications subject to change without notice

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Dolby Digital and Dolby Surround Pro Logic are registered trademarks of the Dolby Licensing Corporation

\* These features depend on the DVD software on the DVD disc.

Since a recognized standard does not yet exist for CD-RW and CD+RW, reproduction cannot be guaranteed



Certos in Basalt on T - Stanc



Grand Opening - Shown with wall mounted Certos DVD

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