



Lector strumenti audio
Via Cairoli,111-116
I-27010 Albuzzano PV Italy
Tel. +++0382.48.41.65 fax +++0382.48.10.21
e-mail: info@docet-lector.com
web site: www.docet-lector.com

Lector
STRUMENTI AUDIO

Investigation and detail on DVD model SMC-100

Hi-end dvd player with hi-performance audio section!

With our important experience from many years in digital products (cd-player and d-a convertor) we start to develop a important digital machine dedicated to reproducing dvd video with a important hi-quality audio section.

For this important design we have choose the best chip-set available today: the hi-performance ziVa processor from C-cube and the best analog video converter the Analog Device at 10 bit resolution.

For audio section we have adopted three Burr-brown 24 bit 96 khz resolution DAC!

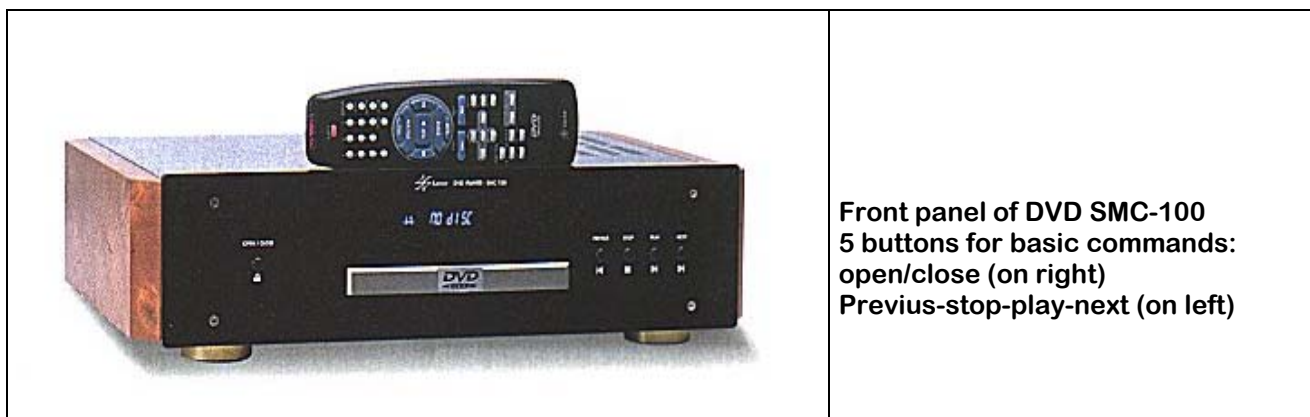
For DVD mechanism we have adopted the Hitachi dvd-rom with no-brush motors (is a hall motor).

This some revelant points of our product:

- 1) Hi-tickness 15/10 mm metal cabinet
- 2) Only selected chip-set components
- 3) Damping dvd chassis and dvd-rom by internal tips
- 4) Cover with a pair off cherry wood brackets fixed on sides for increase rigidity
- 5) Multi section power supply with special switching power transformers
- 6) Built in ac-3 decoder
- 7) Only hi-quality connectors as gold-plated and teflon insulated
- 8) Digital output spdif-output section with hi-speed transmitter
- 9) Analog output section stereo out, with polypropylene capacitors
- 10) No compromise solution adopted only true-genuine hi end construction

The original design still the same and respect basilar solution found during a decade off study and research about this super musicality machine.

Now to follow some images:





Lector strumenti audio
Via Cairoli,111-116
I-27010 Albuzzano PV Italy
Tel. +++0382.48.41.65 fax +++0382.48.10.21
e-mail: info@docet-lector.com
web site: www.docet-lector.com

Lector
STRUMENTI AUDIO



The SMC-100 read the DVD-video, cd-audio disc, VCD 1.0/1.1/2.0 and the CD disc mastered from computer or from cd-recorder!

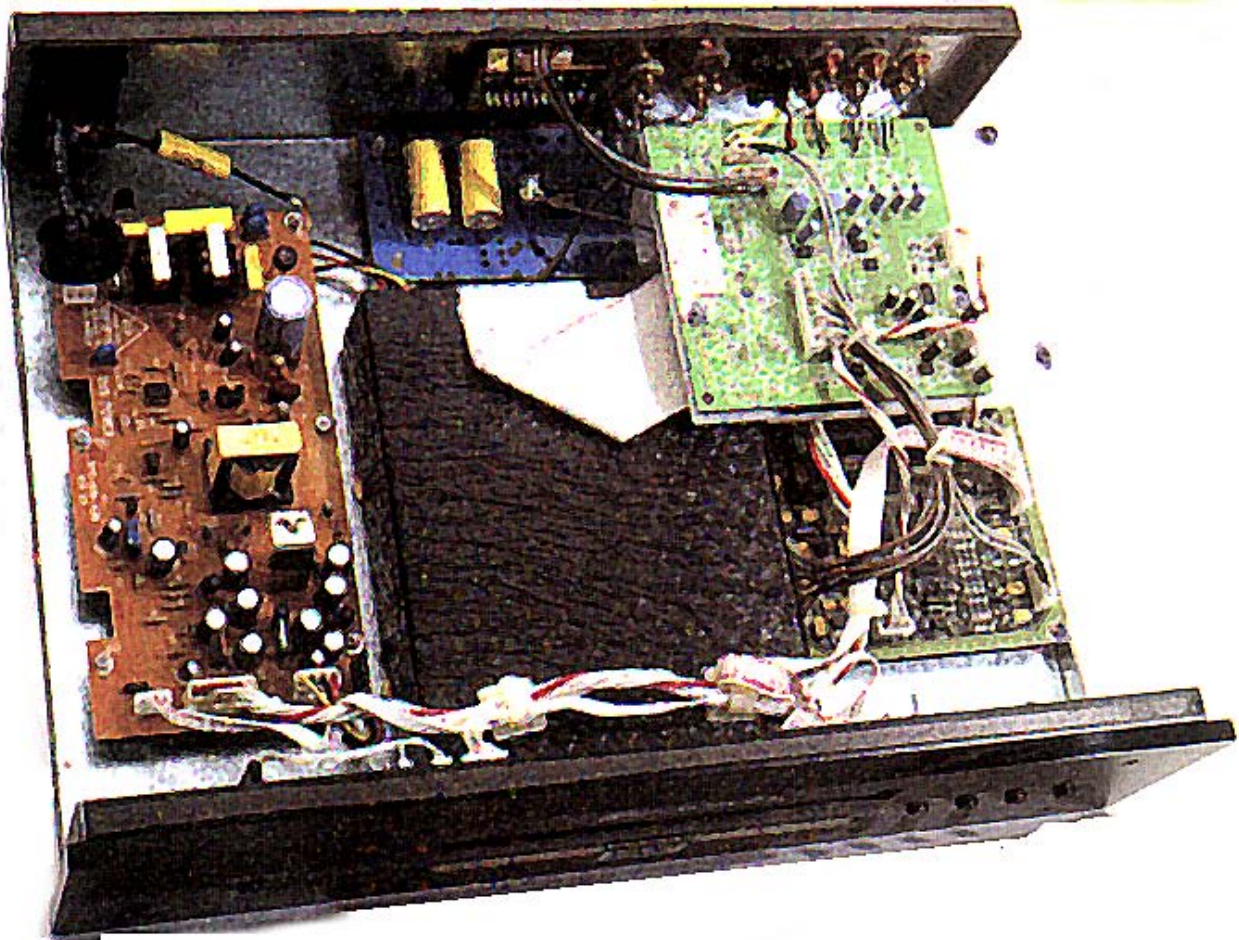


Rear panel show the hi-quality connector as all gold-plated, euro-scart and S-video and composite for video output.




Lector strumenti audio
 Via Cairoli,111-116
 I-27010 Albuzzano PV Italy
 Tel. +++0382.48.41.65 fax +++0382.48.10.21
 e-mail: info@docet-lector.com
 web site: www.docet-lector.com

Lector
 STRUMENTI AUDIO



Internal view of SMC-100: please note the NO-Compromise construction of the DVD-player!
 At left the big power supply with 6 independent output section
 At center the DVD-rom mechanism from Hitachi with many mechanical improvement....
 At rear the stereo output board with two polypropylene capacitors
 At right the Mpeg card (under) with ziVa processor and Burr-brown dacs



Video on Disc	Television Screen			
	4:3		16:9	
	Normal	Pan Scan	Letter-box	
4:3				
16:9				

A last image of dvd smc-100 with a label of video format output

.....we hope to satisfy your curiosity.....if no ,please send your new enquiry/question to us.



Lector strumenti audio
Via Cairoli,111-116
I-27010 Albuzzano PV Italy
Tel. +++0382.48.41.65 fax +++0382.48.10.21
e-mail: info@docet-lector.com
web site: www.docet-lector.com

Lector
STRUMENTI AUDIO

Electrical and performance characteristics of SMC-100 DVD player

Disc accepted of dvd	DVD,VCD1.0/1.1/2.0,CD-DA,CDI-FMV CD-recordable
Video format	MPEG-1 vers.2.0 and MPEG-2
Audio format	MPEG-1 layer 2, standard LPCM ,dolby digital 5.1
Outputs	Video NTSC,PAL 1.0 Vpp 75 ohm ,audio Volt.2.0
Command and operation	From front panel: Open/close,play,stop,next,previus From Remote control Handset: Play,pause,stop,open-close,fast forward,rewinding,search play,slow motion,repeat a-b,previus track,next track,menu,set-up,select,language select,subtitle select,multi-angle select,return.
Output connector	Audio: stereo, dolby digital 5.1,spdf Video: euro-scart,s-video,composite rca
Frequency response	20 – 20 Khz 0.5 db
THD-Noise	< 0.05%
Power supply	110-230 vac 50/60 Hz.
S/N ratio	>90 db
Size-height	430 (L) x 300 (D) x 100 (h) mm 8 Kg.net
Finished	8 mm tickness front panel plexiglass cherry wood brakets
Accesories supplied	Remote control handset, euro-scart cable,power supply cable

Some important Video features:

- More than 500 horizontal line resolution
- Multi camera angles for viewing
- Selectable screen dispaly format 16:9 panscan, 4:3 letterbox , 4:3.
- Parental lock password
- Adjustable forward and rewind 1/2-1/4-1/6 sec.
- Slow motion,repeat,close-caption,chapter-title,search program-play,random-play,forward/rewinding

Some important Audio features:

- Built in AC-3 decoder with 6 analog output channel
- Support 8 different language soundtrack
- Set-up stereo analog out /spdf-iec958
- DAC 24 bit 96 Khz
- Hi-quality stereo output

Warranty:

One year on all parts and refund of 1% value replacement parts

Certification:

CE / CE-LVD / UL / IEC-65