

Car DVD Loader DSV-810



* Mechanism

Slim Dimensional DVD mechanism(W x H x D : 143.0 x 23.0 x 128.4)
Disc loading motorized.
Optical Pick-up drive for DVD and CD compatibility
Roller loading and eject system
Detect Disc present using mechanical switch
Support any angle mounting
8cm disc support without adaptor

* Protections

2nd disc insertion protect.

* Integrated PWB

Using the one chip solution(CD/DVD frontend and backend solution with host processor).

	DVD-Video, VCD, SVCD	1902Kbytes
Shock memory	CD-DA, DTS-CD, HDCD, CDG	4364Kbytes
	Data (MP3,WMA, JPEG)	1706Kbytes
	Data (MPEG)	1706Kbytes
Temperature detection.	70°C	

* Interface

6V / 5V / 3.3V power supply
CVBS Video output
Y/C(S-Video) output
RGB Video output
UART(RXD, TXD and REQUEST) control interface
SPDIF digital audio output
Left Justified bus digital audio output (Optional : I²S bus digital audio output)
I²S bus digital audio input (Ibd : Optional)
CVBS Video input (Ibd : Optional)
Down mixed analog output L/R (output level : 1.5Vrms)
RS232C external MICOM interface.

* MultiRead

Capability to read
DVD Video (Single/Double layer)
DVD Recordable, VIDEO CD
CD Digital Audio(CD TEXT), CD Recordable
CD ReWritable, MP3 Playback(I3 TAG)
HDCD, Hybrid SACD,
SVCD

SPECIFICATIONS

Measuring conditions

according IEC68-1 part 5.3 standard conditions at DSV-810 unless otherwise stated

temperature	15°C to 35°C
relHumidity	45% to 75%
air pressure	860 mbar to 1060 mbar
rate voltage	8.0V power / 5.0V power / 3.3V power
test disc	TCD-792A, TDV-540A (DVS Korea : clean and undamaged)

Environmental Conditions

This Loader should be used under the conditions listed below

Temperature and Humidity

Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	3% to 93%
Storage Humidity	3% to 93%
Condensation	No condensation of the conditions above

Vibration

Operating	No unrecoverable error 10-200Hz sine sweep rate in 1 octave/min 0.8G in Z directions 30 min/each direction
Non-Operating	No damage, No unrecoverable error 10-200Hz sine sweep rate in 1 octave/min 3G in X, Y and Z directions 30 min/axis

Shock

Non-Operating	No damage, No unrecoverable error 10 msec half-sine waves 50G(490m/s ²) 1 time in each direction
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Operating angle

The DSV-810 can operate any angle mounting.

Weight

DSV 810(Car DVD loader) : typ. 480g

Mechanical dimensions

W x H x D : 143.0 x 23.0 x 128.4

