

# 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 : I<sup>2</sup>S bus digital audio output)  
I<sup>2</sup>S bus digital audio input (Ibd : Optional)  
CVBS Video input (Ibd : Optional)  
Down mixed analog output L/Rt (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 <sup>2</sup> ) 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



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