

PRD10460 – DVD/SVCD/VCD/CD/MP3 Player with USB Input



General Description

The ACT501 Equipment is a media reproducer with USB input that plays different audio and video format. For this, it has controls on the front panel, remote control and external control via CAN bus (if the vehicle has the necessary equipment).

Features

- Digital audio and video playing from USB devices or DVD.
- PAL/ NTSC compatibility
- IR remote control.
- External control by CAN bus.
- Auxiliary audio and video inputs
- Audio and video output

Technical Data

General:

- Operating Voltage Range.....10Vdc to 30Vdc
- Operating Temperature Range.....-20°C to +70°C
- Maximum Current Consumption.....≤ 2A
- Stand-by Current Consumption.....≤ 10mA (ACC pin not connected)
- External dimensions (W x H x D).....178mm x 55mm x 160 mm

Video performance:

- Composite video Output.....1Vpp into 75: Load
- Horizontal Resolution.....480 lines (NTSC)/ 576 lines (PAL)
- Video Signal to Noise Ratio.....≥ 60dB
- Aux Video Input.....from 0.8Vpp to 1.2Vpp / Zin=75%

Audio performance:

- Line Level Output.....DVD 2Vrms into 10K Ohm Load
CD 0.55Vrms into 10K Ohm Load
- THD+ Noise.....≤ 0.05%
- Signal to Noise Ratio (A-weighted).....≥ 85dB
- Dynamic Range.....≥ 80dB
- Frequency Response.....20Hz to 20KHz 2dB
- Channel Output Difference.....2dB Max

Mute Pin:

- Nominal Activation Level.....0Vdc
- Maximum Withstanding Voltage.....the same value as power supply
- Consumption.....≤ 1mA

Dimming:

- Nominal Activation Voltage.....14Vdc or 28Vdc
- Maximum Withstanding Voltage.....the same value as power supply
- Consumption.....≤ 5mA

DVD/CD PLAYER:

- Compact Disks.....CD-R/CD-RW' is the quantity of files and folders stored.
- Number of files (read capacity).....Max. 3000 files
- Number of folders (read capacity).....Max. 254 folders

Types of media

The product should be able to play the following list of formats:

	File type	File extension	Support edition/Detail
VIDEO	MPEG1(VCD)	.DAT	VCD1.0 VCD1.1 VCD2.0 SVCD
	MPEG2(DVD)	.DAT,.VOB	
	MPEG4	.AVI .MP4 .DIV .DIVX	Divx3.11, Divx4.12, Divx5.0, 5.02, 5.03, 5.04, 5.05, 5.1, 5.11, 5.2, 5.21, DivxPRO Xvid1.00, 1.01, 1.02, 1.03, 1.10-beta1, 1.10-beta2 Subtitles: .srt, .smi, .ssa, .sub
CONTAINER	AVI	.AVI (DIVX, XVID, etc.)	AVI v1.x
	ASF	ASF .ASF,.WMA,.OGG	ASF v1.x *Plays only audio part
	Quick Time	.MP4 .M4A	Should have "Full support" on: 1.Nero Recoder recorded mp4bitstreams. (Nero Digital->ver1.5~1.6) 2.iTune converted AAC Audio bitstreams. Should have "Possible support" on: 3.QuickTime.ISO 14496-1 mpeg4 file format.
AUDIO	CD		CD-DA,HDCD,CD-G,
	ACC	.M4A	
	MP3	.MP3	
	WMA	.WMA	WMA7,WMA8,WMA9* (*some exceptions)
IMAGE	JPEG IMAGE	.JPEG	

Mechanical specifications

(dimensions in millimeters)

Installation Size (W x H x D)	178.5 mm x 53.2 mm x 157.5 mm
Maximum weight	1.2 kg

