

Features

ORION

DVD-830



COMPETITIVE ADVANTAGES

- ISO 9000 Certification Manufacturing
- TUV Certification (for Quality Control Procedures) Manufacturing
- DVD Player Certification for CE & CCC
- Mature Vendor Network
- Advanced ERP System (from America QAD Company)

PLAYABLE DISC

- DVD Video / DVD-R / Mini-DVD / VCD / SVCD / CDDA / MP 3 / CVD / CD-R / CD-RW / JPEG

VIDEO

- Horizontal Resolution More Than 500 Lines
- 27 MHz/ High Resolution 10-bit Sampling Video D/A Converter (which is four times more accurate than conventional 8-bit converters and provides artifact-free and crystal clear video image)
- Supports 4:3 Letter-box, 4:3 Pan-Scan, 16:9 Wide Screen Display Format
- NTSC/PAL Compatible Playback (capability of playback of NTSC format disc and PAL format disc)
- Auto NTSC and PAL Video Disc Conversion (capability to automatically convert either disc format to match TV set: PAL format signal to NTSC format signal or vice versa)
- JPEG files playback

AUDIO

- Advanced 3D Audio Virtual Surround Sound
- New Crystal Clear 96 kHz/24-bit Sampling Audio D/A Converter (which is providing superior audio reproduction of encoded discs)
- Built-in Dolby Digital (AC-3) decoder (at that there is no necessity to connect the DVD to an external decoder, because 6 separate channels if 5.1ch sound are provided)
- Dolby® Digital & DTS® Digital Audio Output Support (capability of sending Dolby® Digital or DTS® Digital audio data via its built-in digital coaxial/optical audio output to an external Dolby® Digital or DTS® Digital decoder)
- Dolby Digital Down-Mixed Audio Out Support (capability of standard 2-channel playback of down-mixed Dolby® Digital audio signals while connecting with TV set or other non-Dolby® Digital A/V receivers or amplifiers through L/R Audio Output Terminals)
- Dolby Pro Logic Support (support of Dolby Pro Logic coding format LT/RT. It's possible to enjoy Dolby Pro-Logic surround sound while connecting the device to a built-in Dolby Pro-Logic receiver or amplifier)

PLAYBACK

- 2-wave 1-laser reading system
- Multi-Speed Fast Forward/Reverse Scan (capability of digital fast forward/reverse scan. At that 4 speeds available - X2, X4, X6, and X8 for DVDs; X1, X2, X3, and X4 for VCDs and audio CD)
- Multi-Speed Slow Motion Forward / Reverse Scan (capability of slow motion scan. At that 3 speeds available - X2, X4, and X8 for DVDs; X1, X2, and X3 for VCDs and audio CD)
- On-touch "Frame By Frame" Playback (for DVDs and VCDs)
- Program Playback (up-to 99 tracks - only for VCDs and audio CD)
- Repeat Playback Function (from A to B - for DVDs, VCDs and audio CD; One Chapter & Title - for DVD; One Track - for VCDs and audio CD; All - for DVDs, VCDs and audio CD)
- On-touch Chapter Skip (Forward/Reverse) (for DVDs) / Track Skip (Forward/Reverse) (for VCDs and audio CD)
- Direct Choice (by title/chapter - for DVDs; by time - for VCDs and audio CD)
- On-touch Pause
- Zoom Function (capability of zooms out/zoom-in on a specific portion of a video image during playback and pause)

OSD / FRONT PANEL / DISPLAY / REMOTE CONTROL

- OSD (on-screen display menu) in Russian/English/etc languages
- Front Panel Buttons Operation
- Comprehensive Information on Front Panel Display
- Full Function Remote Control (including capability of controlling the volume of analog audio output)

OTHERS

- Auto Power Shut Down Function (capability of auto power shut down when the player is not in use for 20 minutes)
- Screen Saver

INPUTS/OUTPUTS

- 1 x Composite Video Output (for sending DVD video signals directly to a composite video input-equipped TV without the degradation of video quality, what is resulting in superior image quality with lifelike colours and image sharpness of up to about 500 lines)
- 1 x S-Video Output Terminal (for connecting with TV or monitors equipped with an S-video input whenever component video inputs are not available. At that color and brightness signal transferred separately and least mutual disturbance and image sharpness up to about 530 lines are provided)
- 1 x SCART Terminal (for connecting with TV equipped with SCART connectors. At that the audio transmitted on the SCART is stereo sound)
- 1 set x Down-Mixed Audio Output Terminals (L/R) (complete with 5.1 Channel Audio Output; for connection with your television or other non-Dolby® Digital A/V receivers or amplifiers. At that these terminals provide down-mixed Dolby® Digital audio signals for standard 2-channel playback)
- 1 x Coaxial & Optical Digital Audio Output (for connection with an external Dolby® Digital or DTS® decoder. At that transferring Dolby® Digital or DTS® Digital audio data is provided)
- 5.1 Channel Audio Output (for connection with 5.1ch A/V receiver or amplifier)

Technical characteristics

VIDEO	
Composite Output Level	1.0Vp-p+/-0.2V (75Ohms)
S/N Ratio	60dB
AUDIO	
Frequency range	20 Hz - 20 kHz
Output Level	2.0Vrms+0.0/-1.0V
S/N Ratio	105dB
POWER SUPPLY AND POWER CONSUMPTION	
Power Source	AC 100-240V/ 50/60Hz
Power Consumption	<20W (<5 W in standby mode)
WEIGHT & DIMENSION	
Weight	Approx. 3.5 kg
Dimension (W x D x H)	430 mm x 48 mm x 250 mm

COMPLETION

- DVD player x 1 pc;
- Remote Control x 1 pc;
- Batteries (AAA size) x 2 pcs;
- SCART cord x 1 pc;
- User's Manual (English/ Russian) x 1 pc