# *BLUE ROYCE III*

## Introducing the 3rd Generation new Professional Blu-ray/DVD Player

"Blue Royce III" offers more features at half the cost of the original Mk I

- SDI + Embedded Audio O/P
- New Optional IP Output (Supports RTSP/RTP/RTMP/HTTP/UDP/ONVIF/HLS Unicast and Multicast protocols)
- Remote control by IR, RS-232C or IP
- Supports nearly all Blu-Ray, DVD, and audio CD formats
- Discrete 7.1 analogue surround sound outputs
- PAL/NTSC
- Front-loading USB slot for playback of image and audio files
- Coaxial digital (AES/EBU) and balanced XLR audio outputs
- Space saving 1RU chassis with removable ears
- Multi-Region
- Multi-Zone
- Panel lock and IR remote lock functions prevent unwanted or accidental operation
- Power-on Play button eliminates extra steps, and provides simplified, ultra-fast start up
- OSD (On Screen Display) hiding mode eliminates unwanted disc status updates
- Repeat mode offers an uninterrupted playback loop

**Frontniche**
**3G-SDI**

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*3rd Generation of Professional Blu-ray/DVD Player with 3G-SDI Output, Multi-Zone/Region with NEW IP O/P Option*

## Specification

| | |
|---|---|
| System | Digital media player (Blu-ray Disc, DVD, CD, USB device [mass storage class]); AVCHD playback format |
| Supported Disc Formats | **Blu-ray Disc**<br>BD25, BD50, BD-ROM, BD-R, BD-RE<br>**DVD**<br>DVD, DVD+R, DVD-R, DVD+RW, DVD-RW, DVD-Audio (DVD-A)<br>**CD**<br>CD, CD-R, CD-RW, DTS Music Disc (DTS Audio CD, 5.1 Music Disc), HDCD, Super Video CD (SVCD), Video CD (VCD) |
| Supported File Formats | **Video**: .3gp, .avi, .dat, .dvix, .mkv, .mov, .mp4, .mpg, .m2ts, .ogm, .tp, .ts, .wmv, .zsf<br>**Subtitles**: .ass, .smi, .srt, .ssa, .sub<br>**Audio**<br>.ape, .flac, .m4a (AAC), .mp3, .wav<br>**Picture**<br>.gif, .jpg (or .jpeg), .png |
| Supported File Systems | FAT16, FAT32, NTFS<br>USB drive (mass storage class) with < 2 TB total capacity |
| Video | **Resolutions**<br>Auto, 480i/576i, 480p/576p, 720p, 1080i, 1080p<br>**Aspect Ratios**<br>16:9 Full, 16:9 Normal, 4:3 Pan & Scan, 4:3 Letterbox<br>**System**<br>NTSC, PAL,<br>**IP O/P**<br>RGB PC Level, RGB Video Level, YCbCr (4:4:4), YCbCr 4:2:2<br>**Output**<br>SDI + Embedded Audio<br>**Decoding;**<br>Video \| DivX 3, 4, 5, 6; DivX HD; MPEG-1; MPEG-2; MPEG-4; MPEG-4 AVC (H.264);<br>VC-1 (Windows Media Video); Xvid<br>Audio \| AAC; Dolby Digital; Dolby Digital Plus; Dolby TrueHD; DTS Digital Surround; DTS-HD; WMA |

## Audio

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|---|---|
| Analogue Outputs | Output Level (Balanced XLR) \| +4dBu = +1.786 dBV<br>Output Level (Unbalanced RCA) \| +6 dBV |
| Digital Output | Output Level (Coaxial) \| 0.5V, 75 Ω<br>Signal Format \| AES/EBU |
| Surround Audio | DTS-Master Audio, DTS-HD High Resolution Audio, DTS Digital Surround, Dolby TrueHD, Dolby Digital (AC-3), Dolby Digital Plus (7.1ch) |
| Frequency Response | 20 Hz − 20 kHz (+0.5 dB) |
| Signal-to-Noise Ratio | > 100 dB (A-weighted) |
| Total Harmonic Distortion | < 0.05% |
| Dynamic Range | > 106 dB (A-weighted) |
| Headroom | 6dB |
| Channel Separation | > 90 dB |

## Communication

| | |
|---|---|
| Remote Control | Infrared protocol, > 200 mV transmission output level |
| Serial Remote | Connector: 9-pin D-Sub female, RS-232C<br>Mode: Full duplex<br>Baud Rate: 9600 or 38400 bps (selectable) |
| Ethernet | Connector: LAN port<br>Standards: Ethernet (10 Mbps), Fast Ethernet (100 Mbps) |

## Other / General

| | |
|---|---|
| Connections | (2) XLR audio outputs (L/R, balanced)<br>(2) RCA audio outputs (L/R, unbalanced)<br>(8) RCA audio outputs (7.1 surround sound)<br>(1) Coaxial digital audio/visual output<br>(1) BNC SDI audio/visual output<br>(1) LAN port (1) IP O/P<br>(1) 9-pin D-Sub female RS-232C port<br>(1) IEC power connection |
| Power | Connection: IEC<br>Requirement: 100–240 VAC, 50/60 Hz<br>Consumption: 20 W typical, < 0.5 W standby |
| Environmental Conditions | Operating temperature: 41 − 95 °F (5 − 35 °C)<br>Operating humidity: 25 − 85%, no condensation |
| Dimensions<br>(width x depth x height, with rack ears) | 19.00" x 10.75" x 1.73"<br>483 mm x 273 mm x 44 mm |
| Weight<br>(with rack ears) | 5.9 lbs.<br>2.7 kg |

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