DVE Professional
Professional A/V Test Reference DVD Set

FEATURES

- Audio/video test and demonstration benchmark for the A/V professional
- Standard and high definition video test patterns and demonstrations in WMV - Windows Media® Video
- Professional edition with all-new test and demonstration materials
- Created for designing, testing, and installing high performance A/V systems
- Six DVD set, including NTSC and PAL versions
- More than 130 new test patterns for professional video applications
- Color filters for R, G, and B
- 1.78:1 Widescreen Anamorphic and 1:33 video formats
- Dolby Digital®, DTS®, and WMA - Windows Media Audio multi-channel audio
- Online technical support from Joe Kane Productions including video test pattern updates
- Room environment materials
- DVD player navigation instructions
- Choice of subtitles

DESCRIPTION

Digital Video Essentials Professional from Joe Kane Productions and sponsored by Extron Electronics is a set of six DVDs that serve as professional reference tools for designing, calibrating, evaluating, and installing A/V systems. The standard and high definition video test and demonstration materials were created by Joe Kane for specific aspects of video performance and diagnostics. Included with the six DVD set are PAL and NTSC versions, comprehensive tutorials, and WMV Windows Media® Video versions in standard and high definition video.

For audio, DVE Professional provides test signals for optimizing Dolby Digital® and DTS® multi-channel audio, as well as for speaker placement, wiring, system response, acoustics, and even video timing for all of the audio formats. Also included is a resource section with information on basic video and audio system parameters.

Free online technical support from Joe Kane Productions is included with DVE Professional, once the product is registered over the Internet via interactive DVD-ROM access. Technical support includes updates to the video test materials, access to supplemental articles and information, and special test patterns for the European high definition video systems.

INCLUDED IN THIS SIX-DVD SET

Disc One: Consumer NTSC Version
Includes the tutorial of how to use the basic system setup patterns and is designed for use with the NTSC television system. This disc has been set for Region 0, meaning that it should play on any DVD player capable of playing NTSC, any place in the world.

Disc Two: Consumer PAL Version
Includes the tutorial of how to use the basic system setup patterns and is designed for use with the PAL television system. This disc has been set for Region 0, meaning that it should play on any DVD player capable of playing PAL, any place in the world.

Disc Three: Professional Level NTSC
NTSC test signals designed for the industry professional, in addition to consumer-level monitor set-up patterns. Support for the test patterns contained on this disc can be found on the Joe Kane Productions Web site by registering your copy of DVE Pro. This disc has been set for Region 0, meaning that it should play on any DVD player capable of playing NTSC, any place in the world.

Disc Four: Professional Level PAL with DVD-ROM Interactivity for Registering DVE Pro
PAL test signals designed for the industry professional, in addition to consumer-level monitor set-up patterns. Also contains the necessary programming to register DVE Pro and access Digital Video Essentials Internet support. You'll need the serial number that comes with each package to register. This disc has been set for Region 0, meaning that it should play on any DVD player capable of playing PAL, any place in the world.

Disc Five: Professional Level Windows Media High Definition (601 Color Space)
Test signals for Windows Media Video systems, including progressive standard definition 720 x 486p and 854 x 480p, and HDTV materials at 1280 x 720p and 1920 x 1080p. The YCbCr component video signal used as an input to the Windows Media Encoder follows the SD color matrix described in Rec. ITU-R BT.601-5.

For clarification the two high definition rates on this disc have been encoded using the SD matrix. This has been done to provide material compatible with many computer output cards that only decode YCbCr to RGB following Rec. ITU-R BT.601-5.

System requirements for Rec. ITU-R BT.601-5 color matrix accommodation at high definition rates:

- PCI Motherboard: Minimum 800 MHz front side bus/system bus. ASUS solution supporting SATA hard drives.
- System Memory (RAM): Minimum 1 GB
- Video: AGP nVidia chipset FX900 minimum, 128 MB RAM exactly
- DVI Output: Leadtek (recommended manufacturer)
- Hard Drive: 200 GB minimum SATA 7500 RPM

Disc Six: Professional Level Windows Media High Definition (709 Color Space)
Test signals for high definition Windows Media Video systems, at both 1280 x 720p and 1920 x 1080p resolutions. Compatible with systems employing the HD color matrix described in Rec. ITU-R BT.709-4.

There are no SD test materials on this disc as there is no common use of Rec. ITU-R BT.709-4 for encoding such material.

System requirements for Rec. ITU-R BT.709-4 color matrix transcoding of high definition signals:

- PCI-E Motherboard: ASUS P5AD2
- Processor (Minimum): Intel Pentium 4 3.4 GHz 1 GB L2 cache
- System Memory (RAM): Minimum 1 GB
- Video: nVidia FX6700 chipset
- Hard Drive: 200 GB minimum SATA 7500 RPM

MODEL	VERSION DESCRIPTION	PART #
DVE Professional	A/V Test Reference DVDs	29-058-01

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