

 $\mbox{As of 07/Feb/2006} \\ \mbox{Please refer to the latest information at } j@net. \\$ 

TENTATIVE

# XV-N332SU

### **DVD Video Player**

DVD Video Player with Progressive Scan, featuring Multi-Format Playback, Track Adjust, Vari-Play (w. Sound & Subtitles), and Express Play Start

#### **Basic Features:**

- Playable Formats: DVD-Video, DVD-RW, DVD-R, +RW, +R, CD, CD-R/RW, SVCD/VCD, MP3/JPEG Digital Still (CD-R/RW)
- Progressive Scan Output
- PAL Playback on NTSC TV
- Dolby Digital/DTS Digital Output
- Component Video Output

#### **Product Highlights:** -

- Digital Direct Progressive Scan Output
- 192kHz/24-bit Audio D/A Converter
- 10-bit/54MHz Video D/A Converter
- Track Adjust -- for Noise-Free Playback of Privately-Created Discs
- Vari-Play (Variable-Speed Playback) with Sound and Subtitles (1.5x/1.2x/1.0x/0.8x/0.6x)
- Express Play Start
- Rolling Pickup
- VFP (Video Fine Processor): 7 Parameters with 2 Presets and 2 Manual Settings
- High-Resolution GUI (Graphical User Interface)
- One-Touch Replay (10 Sec.)
- Zoom Play (3 Steps)
- Resume Function (30 Discs)
- Stylish, Ultra-Slim Design -- Only 1-3/4" (44mm) High

## **XV-N332SU**

## **DVD Video Player**

DVD Video Players	
MECHANISM	NTCC
System	NTSC Single
Type Playable Formats:	Single
DVD-Audio	
DVD-Video	Yes
DVD-RAM	
DVD-RW DVD-RW (VR and Video Formats)	Yes (Video)
DVD-RW (VR and video Formats)  DVD-RW (Video Format)	
DVD-RW (Video i oililat)	Yes (Video)
DVD-R (Video Format)	100 (11000)
+RW / +R	Yes/Yes (Video)
+RW/+R (Video Format)	
CD / CD-R/RW	Yes/Yes
SVCD / VCD CD-R/RW	Yes/Yes
CD	
SVCD	
VCD	
WMA (CD-R/RW)	
MP3 (CD-R/RW)	V (OD D/D)A/)
MP3 JPEG Digital Stills (CD-R/RW)	Yes (CD-R/RW)
JPEG Digital Still  JPEG Digital Still	Yes (CD-R/RW)
MPEG-4 (CD-R/RW)	
MPEG-4 (Advanced Simple Profile)	
MPEG-4	
MPEG-4 (ASP)	
DivX (R)[1]	
DivX (ver. 6) [1] DivX (R)[1] (ver. 6)	+
Memory Cards	
DivX (ver.5) [1]	
DivX (ver.6 ULTRA) [1]	
PCMCIA Card Slot	
Express Play Start	Yes
Rolling Pickup Track Adjust	Yes Yes
CPRM (Content Protection for	163
Recordable Media)	
Illuminated Disc Tray	
PAL Playback on NTSC TV	Yes
PAL/NTSC Compatible AUDIO	
Total Harmonic Distortion	
16-bit	Less than 0.009%
I IV-UII	
20/24-bit	Less than 0.009%
20/24-bit  Dynamic Range: 16-bit	
20/24-bit  Dynamic Range:  16-bit 20/24-bit	
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response:	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz)	Less than 0.009%  2Hz - 20kHz
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response:	Less than 0.009%
20/24-bit  Dynamic Range:  16-bit 20/24-bit  Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=192kHz)	2Hz - 20kHz 2Hz - 22kHz 2Hz - 44kHz
20/24-bit  Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=96kHz) DVD (fs=96kHz) OUD (fs=192kHz) Output Level	2Hz - 20kHz 2Hz - 22kHz 2Hz - 24kHz 2Hz - 44kHz 2.0V RMS
20/24-bit  Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter	2Hz - 20kHz 2Hz - 22kHz 2Hz - 44kHz
20/24-bit	2Hz - 20kHz 2Hz - 22kHz 2Hz - 24kHz 2Hz - 44kHz 2.0V RMS
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in	2Hz - 20kHz 2Hz - 22kHz 2Hz - 24kHz 2Hz - 44kHz 2.0V RMS
20/24-bit	2Hz - 20kHz 2Hz - 22kHz 2Hz - 24kHz 2Hz - 44kHz 2.0V RMS
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=49kHz) DVD (fs=96kHz) DVD (fs=92kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder	2Hz - 20kHz 2Hz - 22kHz 2Hz - 24kHz 2Hz - 44kHz 2.0V RMS
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=49kHz) DVD (fs=96kHz) DVD (fs=9192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS / MPEG Digital Out	2Hz - 20kHz 2Hz - 22kHz 2Hz - 22kHz 2Hz - 44kHz 2.0V RMS 192kHz/24-bit
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=49kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS / MPEG Digital Out	2Hz - 20kHz 2Hz - 22kHz 2Hz - 24kHz 2Hz - 44kHz 2.0V RMS
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out	2Hz - 20kHz 2Hz - 22kHz 2Hz - 22kHz 2Hz - 44kHz 2.0V RMS 192kHz/24-bit
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out	2Hz - 20kHz 2Hz - 20kHz 2Hz - 22kHz 2Hz - 44kHz 2.0V RMS 192kHz/24-bit
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out	2Hz - 20kHz 2Hz - 22kHz 2Hz - 22kHz 2Hz - 44kHz 2.0V RMS 192kHz/24-bit
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution	2Hz - 20kHz 2Hz - 20kHz 2Hz - 22kHz 2Hz - 44kHz 2.0V RMS 192kHz/24-bit
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=98kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analog 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level:	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=98kHz) DVD (fs=98kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS / MPEG Digital Out Dolby Digital / DTS Digital Out DIS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=49kHz) DVD (fs=96kHz) DVD (fs=99kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analog 2ch Downmix Out DTS Analog 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - C	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (15=44-1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - C Composite Digital Direct Progressive Scan Progressive Scan	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - C Composite Digital Direct Progressive Scan Progressive Scan Ultra-High Performance 1-Chip AV	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=98kHz) DVD (fs=98kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DS Analogue 2ch Downmix Out DTS Analog 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - Y S-Video - C Composite Digital Direct Progressive Scan Progressive Scan Ultra-High Performance 1-Chip AV Decoder	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=98kHz) DVD (fs=98kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - C Composite Digital Direct Progressive Scan Progressive Scan Ultra-High Performance 1-Chip AV Decoder Adaptive Geometrical Chroma	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=96kHz) DVD (fs=96kHz) DVD (fs=192kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - C Composite Digital Direct Progressive Scan Progressive Scan Ultra-High Performance 1-Chip AV Decoder Adaptive Geometrical Chroma Mapping	Less than 0.009%
20/24-bit Dynamic Range: 16-bit 20/24-bit Frequency Response: CD (fs=44.1kHz) DVD (fs=48kHz) DVD (fs=98kHz) DVD (fs=98kHz) Output Level Audio D/A Converter Dolby Digital / DTS / MPEG Decoder Built-in Dolby Digital / DTS Decoder Built-in Dolby Digital / DTS Digital Out DTS Analogue 2ch Downmix Out DTS Analogue 2ch Downmix Out Sound Effect VIDEO Horiziontal Resolution Output Signal Level: RGB Component - Y Component - Pb/Pr S-Video - Y S-Video - C Composite Digital Direct Progressive Scan Progressive Scan Ultra-High Performance 1-Chip AV Decoder Adaptive Geometrical Chroma	Less than 0.009%

VFP (Video Fine Processor):	
No. of Parameters	7
No. of Presets (Presets 2 /	Yes
Manual 2)	
Variable-Speed Playback with Sound	
& Subtitles	
Vari-Play (Variable-Speed	Yes (1.5x/ 1.2x/ 1.0x/ 0.8x/ 0.6x)
Playback) with Sound & Subtitles	
1.5x Quick Playback with Sound	
Variable Search (Forward/Reverse)	Yes
Variable Slow (Forward/Reverse)	Yes
Disc Memory Resume Function	Yes (30 Discs)
Resume (Bookmark) Function	Yes
Zoom Play	Yes (3 Steps)
One-Touch Replay	Yes (10 Sec.)
TERMINALS	
Video Out:	
SCART with RGB	
Component	Yes
S-Video	Yes
Composite	Yes
Audio Out:	
Front L/R	Yes
Centre	
Center	
Surround L/R	
Subwoofer	
Optical Digital	
Coaxial Digital	Yes
HDMI Digital Out	
AV COMPU LINK	
MISCELLANEOUS	
On-Screen Display:	
GUI (Graphical User Interface)	Yes
On-Screen Language	Eng./Fre./Spa.
Numerical Bit-Rate Indicator	Yes
Language Indicator	Yes
Screen Saver	Yes
Remote Control	Yes
GENERAL	
Power Requirements	AC 120V/60Hz
Power Consumption:	
Power On	11.0W
Standby	1.0W
Dimensions (W x H x D):	
inches	17-3/16 x 1-3/4 x 7-15/16
mm	435 x 44 x 201.5
Weight:	
lbs.	3.3
kg	1.5

#### Foot Notes

<2006 and later>
[1] Plays DivX(R)6, DivX(R)5, DivX(R)4, DivX(R)3, and DivX(R)VOD video content.

Notice: The non-DVD side of a 'DualDisc' does not comply with the 'Compact Disc Digital Audio' standard. Therefore, use of the non-DVD side of a DualDisc on these products is not recommended.

<2005>
[1] Plays DivX(R)5, DivX(R)4, DivX(R)3, and DivX(R)VOD video content.

The XV-N327S and XV-N328B are exclusively intended for use with QP Series DVD Digital Cinema Systems.

Notice: The non-DVD side of a 'DualDisc' does not comply with the 'Compact Disc Digital Audio' standard. Therefore, use of the non-DVD side of a DualDisc on these products is not recommended.

