



NEC

DISPLAY OPTIONS

N3481

34CM TELEVISION

Teletext Feature, Multisystem, On/Off Timer, Full Function Remote Control, Picture Mode Select x 3, AV Output (1 x Rear), Tinted Picture Tube, On-Screen Display



FS5172

51CM TELEVISION

Teletext Feature, Multisystem, On/Off Timer, Sound Output Power: 3W, AV Output (1 x Rear), Full Function Remote Control, Picture Mode Select x 3, Tinted Picture Tube, Child Lock, Headphone Socket



FS59V82S

59CM TELEVISION

59cm Colour Television with Remote Control, Full Stereo Sound Output (6W + 6W), Component (DVD) Input, B.E. (Bass Expand) Function, Surround Sound Feature, Channel Lock Feature



FS68V82

68CM TELEVISION

Sound Output Power : 5W + 5W, TV Standard : PAL-B/G,H, NTSC (AV Only), AV Inputs (RCA) x 2 (1 x Rear, 1 x Front), Output (RCA) Jack, Format Selection Feature (4:3/16:9/Zoom), Child Lock



PF68S33

68CM PURE FLAT TELEVISION

68cm Pure Flat, Full Stereo Sound, 6W + 6W Audio Output, A/V RCA Inputs x 4, S-Video Input Rear x 1, Zoom Feature, PAL, NTSC 3.58/4.43, Notebook, Game Feature, Picture Effect Feature, Surround Sound, Child Lock, 12 Month Warranty



NLT-15

38CM LCD TELEVISION

15" (38cm) LCD Television with Teletext, Full Stereo Sound, Digital Television Ready (Via D-sub), Component (DVD) Input, 1024 x 768 Pixel Resolution, Progressive Scan Technology, 400 cd/m2 Peak Brightness, Digital Comb Filter, S-Video Input, AV-Input, PC Input for complete versatility, 3 Year Warranty



NLT-17W

43CM LCD TELEVISION

17.1" (43cm) LCD Television with Teletext, WXGA 1280 x 768 Resolution, Analogue TV Tuner "Plug & Play", In-Built FM Radio, Progressive Scan Technology, 450:1 Contrast Ratio, 450cd/m2 Brightness, S-Video Input, 15-pin PC Input, 2.5W + 2.5W RMS Sound Output, Extra Wide Viewing Angles, Multilanguage On-Screen Display, SSM-Sound Status Memory, DVI-Input x 1 (Via D-Sub), DTV Input (YPbPr), 480p, 576p, 720p, 1080i, 3 Year Warranty,



NLT20

20" LCD TELEVISION WITH TELETEXT

Full Stereo Sound, Digital Television ready (Via D-sub), Component (DVD) Input, 640 x 480 VGA Pixel Format, Progressive Scan Technology, 450 cd/m2 Peak Brightness, S-Video Input, AV-Input, 400:1 Contrast Ratio, 3w + 3w Sound Output Power, 3 Year Warranty



NLT27W

27" LCD TELEVISION WITH TELETEXT

68cm LCD Television, Full Stereo Sound (10W + 10W RMS), WXGA 1280 x 768 Resolution, Analogue TV Tuner "Plug & Play", Digital Comb Filter, 550cd/m2 Brightness, 600:1 Contrast Ratio, PC Input, Progressive Scan, DVI-1 Input x 1 (Via Component), S-Video Input, DTV Input (YPbPr) 480p, 576p, 720p, 1080i, 3 Year Warranty



NLT-32W

81CM LCD TELEVISION

32" (81cm) LCD Television, 8 Millisecond Response Rate, Resolution 1366 x 768, Built in FM Radio, PC Digital Input (DV-I), Component (DVD) Input, AV Input/AV Output, S-Video Input, PC Analogue Input (D-Sub), ARC - Aspect Ratio Control, PSM - Picture Status Memory, SSM - Sound Status Memory, Teletext, Clock/On Timer/Off Timer, 3 Year Warranty



NLT32HD1

81 CM LCD w/ DIGITAL TV TUNER

81cm LCD with Digital TV Tuner "Built In", HDMI (High Definition Multimedia) Interface, 8 millisecond response rate, 15 w + 15w Sound Output, 600 cd m2 Brightness, Picture in Picture, On Timer/Off Timer



NLT-37HD1

94CM LCD w/ DIGITAL TV TUNER

94 cm LCD with Digital TV Tuner "Built In", HDMI (High Definition Multimedia) Interface, 8 millisecond response rate, 15 w + 15w Sound Output, 600 cd/m2 Brightness, Picture in Picture, On Timer/Off Timer



42VR5W

42" PLASMA DISPLAY

42-inch VGA plasma with 16:9 aspect ratio and CCF, 853 x 480 Pixel Resolution, 1.08mm(H) x 1.08mm(V) Pixel Pitch, Only 89mm deep, Only 28.5kg, Cool and Quiet, Accessories, 900% Smooth Digital Zoom, Unsurpassed Contrast Ratio in Bright Light, Digital AccuDevice, Mass Area Sampling Technology



50XR4W

50" PLASMA DISPLAY

50-inch XGA plasma with 16:9 aspect ratio and CCF, 1365 x 768 Pixel Resolution, 0.81mm(H) x .0.81mm(V) Pixel Pitch, Only 96mm deep, Only 43.9kg, Cool and Quiet, 900% Smooth Digital Zoom, Unsurpassed Contrast Ratio in Bright Light, Digital AccuDevice, Mass Area Sampling Technology, Pictured with Optional Stand



61XR3W

61" PLASMA DISPLAY

61-inch XGA plasma with 16:9 aspect ratio and CCF, 1365 x 768 Pixel Resolution, 0.99mm(H) x .0.99mm(V) Pixel Pitch, Only 119mm deep, Only 61.0kg, Cool and Quiet, 900% Smooth Digital Zoom, Unsurpassed Contrast Ratio in Bright Light, Digital AccuDevice, Mass Area Sampling Technology, Pictured with Optional Stand



VN214

2 HEAD VIDEO RECORDER

Premium Performance DVD Player, Ultra Slim Design, Progressive Scan Technology, Karaoke, Still Picture & Frame by Frame Playback, 3D Surround Sound



VH605

6 HEAD HIFI VIDEO RECORDER

6 Head Hi Fi VCR for Optimum Recording & Playback, Long Play enables double recording and playback time, Auto head Cleaning



NDV27

DVD PLAYER

Premium Performance and Quality DVD Player, Super Slim Design & Mirror Finish, Progressive Scan Technology, Multi-Format Playback, Dolby Digital/DTS Compatible, Dual Laser Optical Unit



NDT42

VCR/DVD COMBO

Slim-line DVD/VCR Combo, DVD and 6 Head VCR Combination, DVD/VCD/SVCD/Audio CD Capable, DVD-R/DVD+-RW Capable, MP3/WMA or JPEG Files, Seven Event/1 Month Programmable Timer



NDRV60

DVD RECORDER WITH 6 HEAD HIFI VCR

Multi-Format DVD Recorder with 6 Head Hi Fi VCR, Ultra Slim (78.5mm), Multi-Format Disc Playable, Dual DV Recording by IEEE1394, One Touch Recording



NDH80

DVD PLAYER

94 cm LCD with Digital TV Tuner "Built In", HDMI (High Definition Multimedia) Interface, 8 millisecond response rate, 15 w + 15w Sound Output, 600 cd m2 Brightness, Picture in Picture, On Timer/Off Timer





SONY

DISPLAY OPTIONS

KVBZ14M10

BZ SERIES FD TRINITRON WEGA

34cm (14inch) Flat Display Trinitron WEGA TV, Intelligent Signal Booster, New Top Control Panel, Intelligent Picture, Adjustable Colour Temperature - Cool, Standard, Warm, Intelligent Volume, Sound Mix Terminal, 3W Audio Output, Mono TV, Initial Set-up Menu, Headphone Jack



KVBZ21M10

51CM FLAT DISPLAY

51cm Flat Display Trinitron WEGA TV, Intelligent Signal Booster, New Top Control Panel, Intelligent Picture, Adjustable Colour Temperature - Cool, Standard, Warm, Intelligent Volume, Sound Mix Terminal, 3W Audio Output, Mono TV, Initial Set-up Menu, Headphone Jack



KVSW29M31

68CM SERIES FD TRINITRON WEGA TV

A1 Comb Filter, Velocity Modulation (VM), Adjustable Colour Temperature, 5-Band Graphic Equaliser, Intelligent Volume, 2-Speaker, Surround System, 6W + 6W Audio Output, V-Compression (Wide Mode), New Intelligent Picture, New Intelligent Signal Booster



KLVB15G10

15" VGA RESOLUTION LCD TV

15" VGA Resolution LCD TV, Small Footprint, Side Input, Picture Freeze, Adjustable Stand, Teletext, Eco/Power Saving Mode, VESA Compliant Mounting Points



KLVB20G10

20" VGA RESOLUTION LCD TV

20" VGA Resolution LCD TV, Small Footprint, Side Input, Picture Freeze, Adjustable Stand, Teletext, Eco/Power Saving Mode, VESA Compliant Mounting Points



KLVS23A10

23" HIGH RESOLUTION LCD TV

23" High Resolution LCD TV, Next Generation LCD Panel, 10ms Response Time, PC Input, Side Input, WEGA Gate, Adjustable Stand, HD Ready, Teletext, Light Sensor, Eco/Power Saving Mode, VESA Compliant Mounting Points, Optional Wall Bracket



KLVS26A10

26" HIGH RESOLUTION LCD TV

26" High Resolution LCD TV, Next Generation LCD Panel, 8 ms Response Time, PC Input, Side Input, WEGA Gate, Adjustable Stand, HD Ready, Teletext, Light Sensor, Eco/Power Saving Mode, VESA Compliant Mounting Points, Optional Wall Bracket



KLVS32A10

32" HIGH RESOLUTION LCD TV

32" High Resolution LCD TV, Next Generation LCD Panel, 8 ms Response Time, PC Input, Side Input, WEGA Gate, Adjustable Stand, HD Ready, Teletext, Light Sensor, Eco/Power Saving Mode, VESA Compliant Mounting Points, Optional Wall Bracket



KLVS40A10

40" HIGH RESOLUTION LCD TV

40" High Resolution LCD TV, Next Generation LCD Panel, 8 ms Response Time, PC Input, Side Input, WEGA Gate, Adjustable Stand, HD Ready, Teletext, Light Sensor, Eco/Power Saving Mode, VESA Compliant Mounting Points, Optional Wall Bracket



FWD42PV1SK

42" PLASMA DISPLAY

New High Resolution Plasma Display, Wide VGA Panel, Sony Original Motion Picture Engine Processing, Selectable Widescreen Modes, 160° Wide Viewing Angle, HDTV Ready, Sleep Timer/Auto Shutoff, Wall Mountable, Available in Frosted Silver and Matte Black



PFM42X1

42" HIGH RESOLUTION PLASMA

New High Resolution Plasma Display, Panel Resolution, Contrast Ratio 3000:1, Selectable Widescreen Modes, 160° Wide Viewing Angle, Picture and Picture, DVI with HDCP, New Back Ground Screen Saver Functions, Sleep Timer/Auto Shutoff, Wall Mountable, Available in Silver and Black



KEMR50S2

50" PLASMA MR SERIES

Real Digital System Processing, Bi Pixel I/P Conversion, Wide Signal Acceptance, DTV/HDTV Ready, True Surround Speaker Processing, Wide Viewing Angles, Smart Mode, 16.7 Million Colours, Auto Noise Reduction, Digital Comb Filter, Memory Stick Slot, Auto Shut-Off, Sleep Timer, Selectable Aspect Ratios: 4:3, Smart, Wide, Zoom, 14:9, AV Mouse, Screen Savers



DVPNS50S

DVD PLAYER CDR/RW MP3 PLAYBACK

Precision Cinema Progressive, CD-R/RW & MP3-CD Playback, Fast and Slow Playback with Sound, Component Video and Optical outputs



DVPNC62K

5 DISC DVD/CD/CDR/RW/DIVX MP3 PLAYER

Twin Laser Pick-up, Precision Cinema Progressive, TV Virtual Surround, Karaoke, Zoom, Child Lock (Tray Lock), Custom Parental Control (4 Discs), Instant Replay, DYS Digital Output



SLVD985

VCR/DVD COMBO, DVD, CDR/RW, MP3

NTSC Playback on PAL TV - VHS only, PAL B/G Stereo Tuner, VHF/UHF Tuner, Auto Head Cleaner, Digital Auto Tracking, Intelligent Picture Control, Background Graphic Zoom, Disc Resume



RDRHX710

DVD-RECORDER WITH 160GB HDD

DVD-R/RW/ DVD+R/RW Record & Playback, DVD+R Dual Layer Record & Playback, Precision Cinema Progressive, Time Base Corrector (TBC), Variable Bit Rate Recording (VBR), HQ+ Recording Mode, Dynamic to VBR Dubbing, Chasing Playback, Simultaneous Record & Playback, Pause Live TV, G-Code, Quick Timer, One Touch Dubbing, High Speed Dubbing



RDRHX910

DVD-RECORDER WITH 250GB HDD

250GB Hard Disk Drive (HDD), DVD-R/RW Record & Playback, DVD+R/RW Record & Playback, DVD+R Dual Layer Record & Playback, CD-R/RW Playback, MP3-CD Playback, JPEG Playback, Precision Cinema Progressive, Time Base Corrector (TBC), Variable Bit Rate Recording (VBR), HQ+Recording Mode, Dynamic to VBR Dubbing, Video Equaliser, Chasing Playback, Simultaneous Record & Playback



RDRHX1010

DVD-RECORDER WITH 400GB HDD

400GB Hard Disk Drive (HDD), HDMI Output Connection, DVD-R/RW Record & Playback, DVD+R/RW Record & Playback, DVD+R Dual Layer Record & Playback, CD-R/RW Playback, MP3-CD Playback, JPEG Playback, Precision Cinema Progressive, Time Base Corrector (TBC), Variable Bit Rate Recording (VBR), HQ+Recording Mode, Dynamic to VBR Dubbing, D-Matrix Noise Reduction, Video Equaliser





DISPLAY OPTIONS

**RT21FA35RX**51CM FLATRON TV WITH
TELETEXT

Turbo picture, Turbo Sound,
Real Stereo, Teletext, DVD in,
Dimensions: (WxHxD): 622x463x481mm, Weight:
25kg

**RT29FD16RX**

29" FLATRON TELEVISION

Comb Filter, Turbo Picture,
Picture Status Memory,
10W x 2, Full Stereo, Sound
Status Memory, On/Off, Sleep Timer, Turbo Search,
Teletext, Child Lock, DVD Component Input, S-
Video, H/P Jack

**RT28FZ85RX**

28" FLATRON TELEVISION

Comb Filter, Turbo Picture,
Picture Status Memory, 10W
x 2 Sound, Full Stereo, Sound
Status Memory, On/Off, Sleep Timer, Turbo Search,
Teletext, Child Lock, DVD Component Input, S-
Video, H/P Jack

**RT23LZ50**

58CM LCD TELEVISION

HDTV Ready, Progressive
Scan, Wide viewing angle
(S-IPS), DAFI(Digital
Adaptive Fine Image), DASP Surround, DCDi,
PC compatible up to XGA Resolution, Resolution:
1280x768 (WXGA), Brightness:500 cd/m²,
Contrast Ratio:500:1

**RT26LZ50**

26" LCD TELEVISION

HDTV Ready, Progressive Scan,
Wide viewing angle(S-IPS),
DAFI(Digital Adaptive Fine
Image), DASP Surround, DCDi, PC compatible up
to XGA Resolution, Resolution:1280x768 (WXGA),
Brightness:450 cd/m², Contrast Ratio:500:1

**RT-32LZ50**

81CM LCD TV

HDTV Ready, Progressive
Scan, Wide viewing angle(S-
IPS), DAFI(Digital Adaptive
Fine Image), DASP Surround, PIP (PC/TV), PC
compatible up to XGA Resolution, Contrast Ratio:
500:1

**42PX5D**106cm Integrated High
Definition Plasma TV

106cm (42inch) HDPlasma
TV with in-Built HD Tuner,
1024x768 Resolution, 1000cd/m² Brightness,
8000:1 Contrast Ratio, 60,000 Hours half life time,
All in One - Built in Stand, Speakers and Tuners,
Teletext, Image Sticking Minimisation

**50PX5D**

50" LCD TELEVISION

Inbuilt Desktop Stand and
Speakers, Resolution:
1366 x 768p, Brightness:
1000 cd/m², Contrast Ratio: 5000 : 1, 60,000
hours as half life time, XD Engine/DCDi, 2 Tuner
PIP/DW/POP

**32FS2RN**

37" LCD TELEVISION

32 inch Super Slim
(Depth : 395mm), HD
Ready (576p Only),
100Hz, New XD Engine,
2 Tuner PIP/DW, Digital
Eye, Component (2)/AV/S-Video Input, Teletext

**GC480W**

6 Head Hi-Fi VCR

World's slimmest Design (82mm), Turbo Rewind,
EZ Power Off/ Repeat, CM(Commercial Message)
Skip, 1month/7-event, Video Doctor, NTSC
Playback on PAL TV, Energy Saving System, Digital
Tracking System, Child Lock, Long Play & Record

**GC990W**

6 Head Hi-Fi VCR

World's slimmest mirror finished Design, Turbo
Rewind, ez Power Off/Repeat, CM(Commercial
Message) Skip, Video Doctor, NTSC Playback on PAL
TV, Child Lock, Long Play & Record

**V181**Divx DVD/VCR
Combi Player

DVD Player + 6 Head Hi-Fi VCR, Slim Design
(78.5mm), Multi-Format Playback, PAL Progressive
Scan, MP3 with JPEG Slide Show, S-Video Output,
Component Video(Y, Pb, Pr) Output, One Minute
Fast Rewind (VCR)

**RH7823W**DVD Recorder with
160GB HDD

Bigger Hard Disk Capacity: 160GB, 160Hours
Recording Time, Multi-Format Recording(DVD±R/
±RW), 8 in 2 Memory Multi Slot, Time-shift/Chase/
Pause/Replay, Simultaneous Record & Play

**DZ9811P**

Super Slim DVD Player

Super Slim Design (35mm), Multi-Format Playback,
PAL Progressive Scan, Component Video Output,
Auto Play, 3D Surround Sound

**DF9921P**High Definition DVD
Player

1080i HD Ready, HDMI Connection, Super Slim
Design(35mm), Multi-Format Playback, 7 in 2
Memory Multi Slot, DivX Playback, PAL Progressive
Scan

**DR7922W**

Dual Layer DVD Recorder

Slim Design (49mm), Multi-Format Recording
(DVD±R/±RW)
- Dual Layer Recording (DVD+R: 8.5GB), Multi-
Format Playback, PAL Progressive Scan, Front
Input(DV In, S-Video, AV), One-touch Instant
Recording

**RH7521W**DVD Recorder with
160GB HDD

Dual Layer/Multi format DVD Recorder with
80GB HDD, Hard Disk Capacity: 80GB, Multi-
Format Recording (DVD±R/±RW), Dual Layer
Recording(DVD+R: 8.5GB), 110 Hours Recording
on EQ Mode, Multi-Format Playback, DVD-Video/
DVD±R/DVD±RW/SVCD/VCD, Audio CD/CD-R/CD-
RW/MP3 CD/WMA, JPEG, DivX Play Back, Time-
shift/Chase/Pause/Replay, Simultaneous Record
& Play, Library Function : Playlist Playback, HDD
Navigation, Viewing Thumbnails/Editing/Deleting

**RC7723W**

6 Head Hi-Fi VCR

CD/DVD Player/Recorder + 6HD Hi-Fi VCR, Multi-
Format Recording(DVD±R/±RW), Dual Layer
Recording(DVD+R: 8.5GB), Multi-Format Playback,
DVD-Video/DVD±R/DVD±RW/SVCD/VCD, Audio
CD/CD-R/CD-W/MP3CD/WMA, JPEG, DivX Play
Back, Dual(DVD-R/VHS) Progressive Scan, Easy
Graphical User Interface, VCR Picture Level
Up-Conversion, One Touch, Cross Dubbing, DVD
<--> VHS Cross Dubbing, Dual DV Recording, DV
Recording to Disc & VHS Tape





Panasonic

DISPLAY OPTIONS

TC21FS10A MONO FLAT SCREEN TV



Black Level Expander, 3 Picture Modes - Dynamic, Cinema, Standard, 3.5W RMS Audio Output, Auto Volume Level, Wake Up & Off Timer, Auto Search, Child Lock, Weight (kg): 26, Dimensions (mm) Without Stand - Height 468 X Width 514 X Depth 485

TX29FG50A 68CM FLAT SCREEN TV



68cm Flat Screen, 16:9 Mode, Power Velocity Modulation, Black Level Expander, Picture Improvement Circuitry, Teletext, Stereo TV (8W+8W RMS), Virtual Surround Sound, Virtual Hyper Bass, 5 Band Graphic Equaliser, Auto Volume Level

TX32F500A 76CM FLAT SCREEN TV



76CM CRT TV 1080i 100HZ P-SCAN, 76cm, Widescreen Flat Picture Tube, HD Input (1080i, 576p), Virtual Dolby Surround Sound, Progressive Scan, 2 DVD Component Inputs

TX23LX50A 58cm WIDESCREEN LCD



58cm (23inch) Viera, Widescreen LCD TV, HD Monitor Input - 576P input, Widescreen (16x9) Panel (1366 x 768pixels), LCD AI - Superior Image Presence Integrated Analogue Tuner, Progressive Scan Input

TX27LWD500A 68CM WIDESCREEN LCD



27inch/68cm LCD TV with HD Tuner Integrated, Built-in DVB-T HD/SD Digital TV tuner, 7-Day EPG (Electronic Program Guide)*, MPEG/AC-3 digital audio output (Optical S/PDIF), HDMI Input (HDCP Compliant), PC Input (D-Sub 15)

TX32LWD500A 81CM WIDESCREEN LCD



32inch/81cm LCD TV with HD Tuner Integrated, Built-in DVB-T HD/SD Digital TV tuner, 7-Day EPG (Electronic Program Guide)*, MPEG/AC-3 digital audio output (Optical S/PDIF), HDMI Input (HDCP Compliant), PC Input (D-Sub 15)

TH42PA50A 106CM WIDESCREEN LCD



106cm (42inch) Viera Widescreen Plasma TV, Viera Colour Management System, Sub-Pixel Controller, 8.6 Billion Viewable Colours [2,048³ shades of gradation], 4,000:1 Contrast, 8th Generation Standard Definition Panel

TH42PV500A 106CM WIDESCREEN LCD



106cm (42inch) Viera Widescreen Plasma TV, High-Definition Input (1080i, 720p, 576p), VIERA Colour Management System, Sub-Pixel Controller, 8.6 Billion Viewable Colours [2,048³ shades of gradation], 8th Generation HD Plasma Panel

TH50PV500A 127CM WIDESCREEN LCD



127cm (50inch) Viera Widescreen Plasma TV, HDMI/Component Video Inputs: 1080i, 720p, 576p, VIERA Colour Management System, Sub-Pixel control, 8.6 Billion Viewable Colours [2,048³ shades of gradation], 3,000:1 Contrast

NVMV22 2 HEAD VCR



2-Head Video Cassette Recorder, 12hrs Recording & Playback in Super LP mode, Super Compact Design with 6 Head Record and Playback Quality, 750x Jet Rewind & 35x Jet Search, Lit Timer Button, Auto Tape Length Recognition

NVHV62 6 HEAD VCR



6-Head HiFi Video Cassette Recorder, 12hrs Recording & Playback in Super LP mode, Super Compact Design with 6 Head record and playback quality, 750x Jet Rewind & 35x Jet Search, Lit Timer Button, Front A/V Input Terminals

NVVP33 DVD/VCR COMBO



DVD Player/VCR Combo, Multi-Format Playback, Progressive Scan, Sound Enhancement Mode, Simultaneous Record & Play, Front A/V Input Terminals

DVDS32 SLIMLINE DVD PLAYER



Stylish Slimline Design, High Quality Picture, Advanced Progressive Scan, Multi-Format Playback, Outstanding Audio Performance

DVDF87 5 DISC DVD PLAYER



5 Disc DVD Player, The Perfect Component for Multi-Disc Capacity and Outstanding Sound & Picture Quality, 5 Disc Rotary Changer, 5.1 Ch Surround Sound Audio output, High Speed Disc-to-Disc Access, Multi-Format Playback, Advanced Progressive Scan

DVDLS87 PORTABLE DVD PLAYER



Portable DVD Player, DVD Entertainment at Home, Outside or in the Car!, 9" Widescreen LCD Display, Freestyle Folding Screen, Long Playback with Built-In Rechargeable Battery, Car DC Adaptor & Remote Control Included, Two Headphone Terminals

DMRES10 DVD RECORDER



DVD Recorder, Outstanding Recording Quality and Multi-Format Recording Capability, Multi-Format Recording and Playback, 1 Second Quick-Start for Recording with DVD-RAM, 2x LP Recording Resolution with DVD-RAM, Timeslip Functions with DVD-RAM, Progressive Scan for PAL/NTSC

DMREH50 DVD RECORDER



DVD Recorder with 80Gb Hard Disk Drive, Incredible Recording Quality and High Capacity in a Easy-to-Use Unit, Maximum 142 hours storage on 80Gb Hard Disk Drive, 1 Second Quick-Start for Recording, SD Card Slot for Photo Viewing and Storage, Multi-Format Recording & Playback, Twice the Resolution in LP Recording Mode

DMREH60 DVD RECORDER



DVD Recorder with 200Gb Hard Disk Drive, Incredible Recording Quality and Enormous Recording Capacity in a Easy-to-Use Unit, 355 Hours Maximum Capacity on 200Gb Hard Disk Drive, 1 Second Quick-Start for Recording, SD Card Slot for Photo Viewing and Transfer, Multi-Format Recording & Playback, DV Input for Easy Transfer from a Digital Video Camera



DISPLAY OPTIONS

DVC Marcom Digital invites you to use your imagination...

Imagine being able to search for and replay videos, at any time, from perhaps thousands of titles, in the classroom, **instantly**, with no manual intervention by library staff. Imagine previewing videos and preparing lessons from any PC. Imagine if you could save notes for later use by yourself or others, along with a video or as a lesson plan.

Imagine no longer.

- If you can play a DVD, you can use DVC Marcom Digital.
- Now, more than ever, Digital Video Commander puts **you** in command.

How does DVC Marcom Digital work?

In a classroom

1. Using either the Windows Client or a set-top box and remote control, identify yourself to the system by entering your PIN number.
2. Choose your title or prepared lesson from the menus or search for title, subject or key words. When using the remote control, key words can be entered from the number keypad in the same way as SMS on a mobile phone.
3. Once you select a title, it will be available to you immediately. You access it with DVD-style controls.
4. Once finished, log out to prevent unauthorised use.

Lesson preparation

From a PC, other types of material such as images, PPT presentations and music can be uploaded to the system, stored against a registered user's name and accessed as part of a lesson.

Acquisition and Administration

Titles are added to the system using the Administration Tool. This is a Windows application that allows the system administrator to assign users to the system, establish access rules and levels and manage acquisitions.

The DVC Marcom Digital Capture Server allows you to make immediate or timer recordings from analogue sources such as off-air TV or videotape, controlled by the Administration Tool. Once a recording has been made it is stored initially on the Capture Server where it may be edited prior to being transferred to a Storage Server.

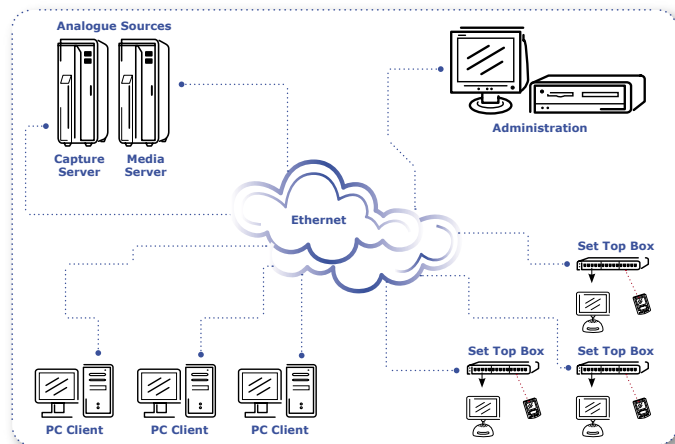
DVC Marcom Digital Features

Digital Video Commander (DVC) is an easy to use system for **acquisition, storage and distribution** of audiovisual material.

DVC Marcom Digital enables you to **digitise, store, index, access and replay** material in digital MPEG formats. Select MPEG-2 for **DVD quality picture and sound** and with DVC Marcom Digital you can also use MPEG 1 when digitising lower-quality material such as VHS tapes, for example.

Users can access material via either a Windows PC client or via a **low-cost set-top box** and a TV or projector, using a Video Commander remote control.

DVC Marcom Digital is particularly suited to sites such as schools, universities, hospitals or anywhere a large number of people need **on-demand access** to audiovisual material.



DVC Marcom Digital is very **expandable**. It is easy to add extra capture channels, more storage and more set top boxes to the system.

DVC Marcom Digital can **record material** off-air and can also **digitise your existing library** of analogue material such as videotapes.

DVC Marcom Digital has an inbuilt **subscriber management** system to control who has access to which material and to keep records of subscriber activity.

DVC Marcom Digital integrates seamlessly with existing analogue Video Commander systems (it even uses the same remotes and can often use the same cabling) for a seamless **migration from analogue to digital**.

DVC Marcom Digital is an **open-architecture, standards-based system** that does not rely on proprietary hardware or operating systems.

Because its key components are Linux-based, DVC Marcom Digital is **reliable, secure** and **requires no regular maintenance**.

- Supports MPEG1, MPEG2, MPEG4, DivX, MP3, and WAV formats.
- Can transcode from other digital formats such as DivX, Quicktime and MPEG4.
- Streams digital video across an Ethernet network.
- Storage capacity starts at 1.6TB and is expandable.
- Multiple analogue and digital capture inputs.
- Multiple TV tuners.
- Material can be viewed on either a PC or a TV/projector with a set top box.
- Can either browse or search for material with on-screen menus.
- Stores extra information (meta data) with each program. This data can be used to search and categorize material.





SONY

DIGITAL SIGNAGE



Digital Signage - Featured Product

Today, one of the best ways to send targeted messages to students and visitors is by using dynamic digital signage solutions driven by the Sony NSP-1 Network Player. Equipped to handle many layers of high-quality graphics, text, and video, the NSP-1 is ideal for delivering dynamic programming directly to customers. From Macromedia® Flash™ to HTML and from video to still pictures, it's all available and easy to present with the NSP-1 Digital Signage Player. Other features include portrait mode, a dedicated audio track, and an option to feed live video to the unit, which are all key features to make your digital signage more versatile. The powerful NSP-1 is the engine that drives revenue-generating digital signage solutions.

Dedicated Audio Track

A dedicated audio track is ideal for presenting background music or narrations that accompany video and graphics.

Browser-Based Remote Setting & Schedule Confirmation

The NSP-1 comes with a pre-installed easy-to use menu that can be accessed from a PC browser and can be used to control the unit or confirm playout schedules.

Versatile Content Presentation

The NSP-1 is capable of producing up to five image layers for display, including graphics, video, and text. What's more, the NSP-1 has the flexibility to present video stored on its HDD or accept a live video feed that can be played out along with the other layers. Also, in addition to the audio accompanying the video, an extra audio channel is available for background music or narration.

High-Quality Graphics and Text

The NSP-1 supports a variety of graphics including full-colour bitmap (.bmp), JPEG, Macromedia Flash, and HTML. Small bitmap images, which are ideal for logos, can be presented at any location on the display. In addition, text can be set for display in any colour and in any location on the screen, and can be scrolling, flashing, or still.

Excellent Video Quality

Crisp, clear, and full-of-life DVD-quality video images can be presented with the NSP-1 as it supports MPEG-2 video at a high bit rate.

Portrait Mode1

Both portrait and landscape modes are available for presenting content. In portrait mode, the display can be rotated 90° either clockwise or counterclockwise.

Selectable Output Resolution and Aspect Ratio

Image resolution and aspect ratios can be selected from the following:

- 4:3 RGB: VGA, SVGA, XGA
- 16:9 RGB: WVGA
- 4:3 Composite Video: NTSC, PAL

1 When the NSP-1 is set to portrait mode, HTML, Flash, Graphics, and text are the only contents displayed in portrait orientation.

2 Microsoft® Internet Explorer 6.0 or higher is required.

Dynamic Content Transition

Not only can the NSP-1 display a variety of content, it has the versatility to dynamically change the displayed content in accordance with a user specified playlist. Stored content, including graphics, Flash, text, and video, can be automatically updated in a timely manner. Also, regularly updated web pages are displayed for time sensitive information. What's more, a live video signal can be input to the NSP-1 so that the displayed video transitions from stored video to live video in accordance with the playlist.

Flexible Setting Layout with Wireless LAN3

The NSP-1 has a wireless LAN capability that allows multiple units to be placed in various locations within a building - ideal if the units will be moved around frequently for special promotions. This wireless configuration not only affords the flexibility to position the units as required, but it also keeps unsightly wires from cluttering displays.

Versatile Interfaces for System Customization

A wide range of interfaces allows for custom configurations to satisfy even the most demanding customers. Interfaces include a PC card slot, RS-232C port, a 25-pin GPI, and two USB ports.

