SONY

Powerful heritage, technical expertise, visionary thinking...

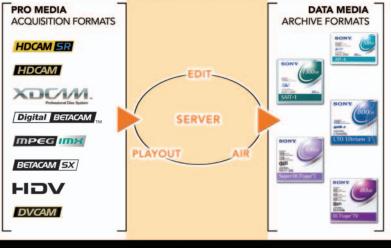SONY RECORDING MEDIA PROTECTS AND PRESERVES
FROM ACQUISITION TO ARCHIVE

PRO MEDIA ACQUISITION FORMATS

HDCAM SR
HDCAM
XDCAM Professional Disc System
Digital BETACAM ™
MPEG IMX
BETACAM SX
HDV
DVCAM

EDIT
SERVER
PLAYOUT   AIR

DATA MEDIA ARCHIVE FORMATS

SONY AIT-4
SONY SAIT-1
SONY LTO Ultrium 3
SONY Super DLTtape I
SONY DLTtape IV

MEDIA ASSET MANAGEMENT MODEL

For over fifty-five years, Sony has been the undisputed leader in magnetic and optical recording media, from acquisition to archive.

Sony is constantly developing media to meet the ever-changing needs of professionals in broadcast and production applications. Advanced products such as HDCAM, DVCAM, DigitalMaster, and the revolutionary XDCAM Professional Disc system offer videographers all the quality and flexibility they need to create stunning results. For a world increasingly driven by networks, Sony has also introduced MPEG IMX, the ultimate realization of AV-IT connectivity. In addition, Sony's family of more than 20 data media formats including AIT, DDS, DLT, DTF and LTO provide high storage capacity, speed, accuracy and durability for a wide variety of users in data storage and server back up applications.

SONY

1950
KA Series "Soni-tape" was the first recording tape in Japan. Eight years later, we named our company after the tape: Sony.

1962
Marketed 2-inch Open Reel video tape for the world's first transistor video tape recorder, the Sony PV-100.

1965
Created V30E, the world's first 1/2-inch video tape for the first 1/2-inch video tape recorder.

1971
Launched electronic newsgathering with the U-matic® system: the world's first successful video cassette.

1975
K-30, the world's first home-use videocassette, for the world's first home VCR: the Betamax® SL-6300.

1977
Introduced 1-inch Type C recorders, the composite video workhorse.

1980
Invented the 3.5-inch Micro Floppy Disk. It was first used in Sony Office Automation products, later a universal standard.
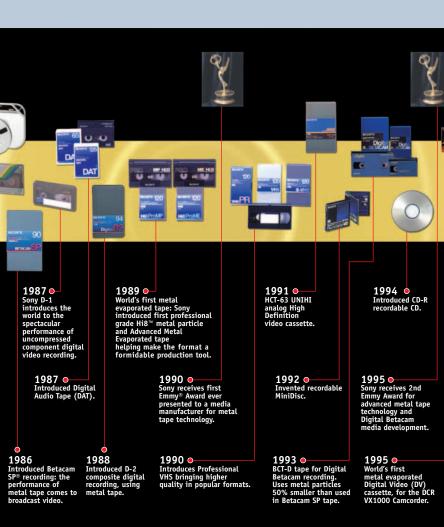
1982
Invented the Betacam® professional video cassette and camcorder. Betacam® equipment soon became the choice of broadcasters all over the world.

1983
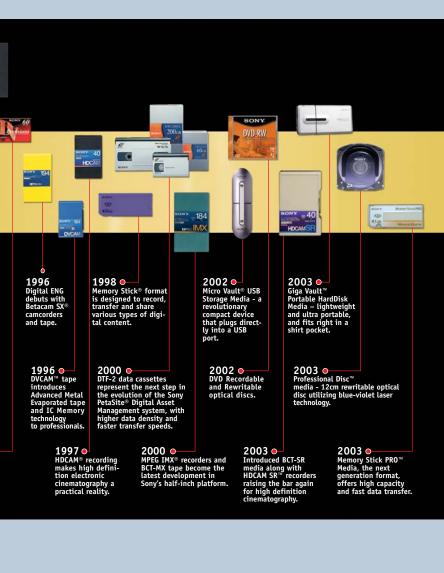D-1/2, world's first Digital Audio Stationary Head (DASH) format tape, launched the multitrack digital era.

1985
Sony introduces the first high definition open reel videotape: HD-1 Series.

1985
World's first metal particle videocassette: 8mm, for the CCD-V8 camcorder. Sony Metal technology plays an integral part in making 8mm the world's most popular camcorder format.

1987
Sony D-1 introduces the world to the spectacular performance of uncompressed component digital video recording.

1987
Introduced Digital Audio Tape (DAT).

1986
Introduced Betacam SP® recording: the performance of metal tape comes to broadcast video.

1988
Introduced D-2 composite digital recording, using metal tape.

1989
World's first metal evaporated tape: Sony introduced first professional grade Hi8™ metal particle and Advanced Metal Evaporated tape helping make the format a formidable production tool.

1990
Sony receives first Emmy® Award ever presented to a media manufacturer for metal tape technology.

1990
Introduces Professional VHS bringing higher quality in popular formats.

1991
HCT-63 UNIHI analog High Definition video cassette.

1992
Invented recordable MiniDisc.

1993
BCT-D tape for Digital Betacam recording. Uses metal particles 50% smaller than used in Betacam SP tape.

1994
Introduced CD-R recordable CD.

1995
Sony receives 2nd Emmy Award for advanced metal tape technology and Digital Betacam media development.

1995
World's first metal evaporated Digital Video (DV) cassette, for the DCR VX1000 Camcorder.

Over 50 Years
Mastering Media Solutions

1996
Digital ENG debuts with Betacam SX® camcorders and tape.

1998
Memory Stick® format is designed to record, transfer and share various types of digital content.

2002
Micro Vault® USB Storage Media - a revolutionary compact device that plugs directly into a USB port.

2003
Giga Vault™ Portable HardDisk Media – lightweight and ultra portable, and fits right in a shirt pocket.

1996
DVCAM™ tape introduces Advanced Metal Evaporated tape and IC Memory technology to professionals.

2000
DTF-2 data cassettes represent the next step in the evolution of the Sony PetaSite® Digital Asset Management system, with higher data density and faster transfer speeds.

2002
DVD Recordable and Rewritable optical discs.

2003
Professional Disc™ media - 12cm rewritable optical disc utilizing blue-violet laser technology.

1997
HDCAM® recording makes high definition electronic cinematography a practical reality.

2000
MPEG IMX® recorders and BCT-MX tape become the latest development in Sony's half-inch platform.

2003
Introduced BCT-SR media along with HDCAM SR™ recorders raising the bar again for high definition cinematography.

2003
Memory Stick PRO™ Media, the next generation format, offers high capacity and fast data transfer.

1

The Program that rewards you for buying Sony Professional and Data Media!

When you purchase qualifying Sony Professional and Data Media from an authorized source, you'll earn 2.5% of your purchase price in valuable Rewarding Recording dollars that can be redeemed for:

- Reimbursement of purchases of Sony professional recorders, parts and service programs
- Reimbursement of Sony professional recorder rentals
- Sony consumer and professional electronics
- Retailer gift cards and more…

More than 20,000 members have already taken advantage of this great program. Visit www.sony.com/RewardingRecording for complete details, or to sign up and start earning your rewards!

Be sure to buy your media where it counts!

When you purchase your media from a **Sony Pro Media Authorized Dealer**, you'll reap the benefits of purchasing from a national network of over 100 dealerships with over 400 Sony-trained sales representatives, fully stocked with both Sony Professional and Data Media, and ready to ship throughout the U.S. Sony Authorized Dealers have a direct line to Sony for technical assistance. And, all media purchases made through Sony Authorized Dealers count toward our Rewarding Recording Program. So visit www.sony.com/promedia to locate the Sony Authorized Pro Media dealer nearest you, and buy where it counts!

Need to recover recorded content?

Sony Media Services specializes in recovery of recorded content, with services including recovery of original programs from current and vintage and video formats, repair of most audio and video formats, conversion of recovered programming to most video and audio formats, and 8mm, Super 8 and 16mm film-to-tape transfer to video. Our customers range from federal law enforcement agencies to broadcast news organizations to home video enthusiasts. To speak with a recovery expert, call 334-793-7655, ext. 3100, or visit www.sonymediaservices.com.

PROFESSIONAL DISC

Professional Disc

PFD-23
Recording capacity
MPEG IMX
approx. 45 minutes at 50 Mbps
approx. 55 minutes at 40 Mbps
approx. 68 minutes at 30 Mbps
DVCAM
approx. 85 minutes at 25 Mbps

• Flexible Platform
• Large-Capacity Optical Disc
• High Transfer Rate: 72 Mbps on a single head unit, 144 Mbps on a dual head deck
• Quick Random Direct Access
• Highly Reliable and durable for high performance under tough environmental conditions and extreme temperature. Durable and Re-usable Media
• Outstanding Picture Quality of MPEG IMX/DVCAM Format Recording
• Flexible Metadata Recording

The Professional Disc™ is a single-sided, optical disc that uses state-of-the-art blue violet laser technology. Despite its small size, the disc provides an amazing storage capacity of 23.3 GB – a feat made possible using a 405 nm blue-violet laser and an object lens with a 0.85 numerical aperture (NA) and specially developed recording layer.

Professional Disc Line-up

| Model | Weight lb. (g) | Sub-Carton | | Master Carton | |
		Quantity (pcs)	Weight lb. (g)	Quantity (pcs)	Weight lb. (kg)
PFD-23	0.417 (189.2)	5	2.17 (985)	50	22.9 (10.4)

HDCAM SR

BCT-SR Series
Small cassettes
BCT-6SR
BCT-33SR
BCT-40SR
Large cassettes
BCT-64SRL
BCT-94SRL
BCT-124SRL
Cleaning cassette
BCT-HD12CL

- A new generation of Sony's high definition media
- Designed along with Sony HDCAM SR VTRs for maximum system performance
- Sony's most advanced metal tape technology
- Equipped with a TeleFile™ label to enhance content management
- Ultrafine high-performance metal particles and new calendaring technology realize high output and C/N ratio
- Durability to withstand repeated playbacks and edits
- Specially designed locking album case with unique cassette protection features

Sony HDCAM SR™ digital HD cassettes are designed to maximize recordings in HDCAM SR professional digital videotape recorders. Use of metal particles 50% smaller than in HDCAM and other manufacturing innovation allow these cassettes to capture recording wavelength to 0.29 μm and represent the highest performance metal particle tape in Sony's broadcast family.

BCT-HD SR Series Line-up

Model	Playing time (min)*	Tape length ft. (m)	Weight** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
BCT-6SR	6	171 (52)	0.58 (263)	50	33.1 (15.0)
BCT-33SR	33	797 (243)	0.67 (305)	50	37.9 (17.2)
BCT-40SR	40	961 (293)	0.69 (314)	50	39.2 (17.8)
BCT-64SRL	64	1,538 (469)	1.49 (677)	10	17.6 (8.0)
BCT-94SRL	94	2,234 (681)	1.60 (724)	10	18.1 (8.2)
BCT-124SRL	124	2,930 (893)	1.69 (767)	10	19.4 (8.8)
BCT-HD12CL	12	256 (78)	0.61 (275)	40	27.1 (12.3)

* In 60i Mode. Record times vary based on recorder frame rate selection. Please visit the *High Definition Media* section of our website for more information on HDCAM/HDCAM SR Record Times: www.sony.com/promedia
** with case

HDCAM

BCT-HD Series

Small cassettes
BCT-6HD
BCT-12HD
BCT-22HD
BCT-32HD
BCT-40HD
Large cassettes
BCT-34HDL
BCT-64HDL
BCT-94HDL
BCT-124HDL
Cleaning cassette
BCT-HD12CL

The HDCAM® format was developed from Sony's groundbreaking Betacam technology, and retains the same ease of use. This powerful format meets the requirements of HDTV and has proven as a cost-effective alternative for motion picture production.

- Setting a new standard in high-density recording with ultra-fine magnetic particles 50% smaller than used in Digital Betacam yielding crisp HD images
- Developed for multi-generation operations
- Outstanding archive potential using specially developed Alumina-silica protective layer for the magnetic particles
- Distinctive HDCAM cassette design with bright orange anti-static lid

BCT-HD Series Line-up

Model	Playing time (min)*	Tape length ft. (m)	Weight** lb. (g)	Master Carton	
				Quantity (pcs)	Weight lbs. (kg)
BCT-6HD	6	141 (43)	0.57 (260)	50	32.6 (14.8)
BCT-12HD	12	256 (78)	0.59 (270)	50	33.7 (15.3)
BCT-22HD	22	446 (136)	0.61 (277)	50	35.3 (16.0)
BCT-32HD	32	640 (195)	0.65 (295)	50	37.5 (17.0)
BCT-40HD	40	791 (241)	0.68 (308)	50	38.4 (17.4)
BCT-34HDL	34	676 (206)	1.38 (630)	10	14.6 (6.6)
BCT-64HDL	64	1,253 (382)	1.49 (677)	10	15.7 (7.1)
BCT-94HDL	94	1,827 (557)	1.67 (760)	10	16.8 (7.6)
BCT-124HDL	124	2,402 (732)	1.71 (780)	10	18.1 (8.2)
BCT-HD12CL	12	256 (78)	0.61 (275)	40	27.1 (12.3)

* In 60i Mode. Record times vary based on recorder frame rate selection. Please visit the *High Definition Media* section of our website for more information on HDCAM/HDCAM SR Record Times: www.sony.com/promedia
** with case

MPEG IMX

BCT-MX Series
Small cassettes
BCT-12MX
BCT-22MX
BCT-32MX
BCT-60MX
Large cassettes
BCT-64MXL
BCT-94MXL
BCT-124MXL
BCT-184MXL
Cleaning cassette
BCT-HD12CL

- **High picture quality (video transfer rate: 50 Mbps)**
- **New calendering system for smoother surface**
- **Enhanced binder system improves particle adhesion by 30%**
- **Double recording time indication (525i/625i)**

Using the EBU/SMPTE recommended "open" compression for broadcast infrastructures at data rates up to 50 Mbps, Sony introduced the MPEG IMX® production system.
The BCT-MX Series cassettes are designed for reliability, durability and to support high-density recording.

BCT-MX Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton	
				Quantity (pcs)	Weight lb. (kg)
BCT-12MX	12	174 (53)	0.49 (221)	50	28.2 (12.8)
BCT-22MX	22	302 (92)	0.51 (231)	50	29.5 (13.4)
BCT-32MX	32	430 (131)	0.54 (242)	50	30.2 (13.7)
BCT-60MX	60	784 (239)	0.60 (270)	50	33.5 (15.2)
BCT-64MXL	64	853 (260)	1.32 (601)	10	14.6 (6.6)
BCT-94MXL	94	1,234 (376)	1.39 (632)	10	15.0 (6.8)
BCT-124MXL	124	1,617 (493)	1.46 (663)	10	15.4 (7.0)
BCT-184MXL	184	2,379 (725)	1.59 (725)	10	17.2 (7.8)
BCT-HD12CL	12	256 (78)	0.61 (275)	40	27.1 (12.3)

* with case

DVCAM

PDV-ME Series
(with memory IC)
Mini cassettes
PDVM-32ME
PDVM-40ME
Standard cassettes
PDV-64ME
PDV-124ME
PDV-184ME

PDV-N Series
(without memory IC)
Mini cassettes
PDVM-12N
PDVM-32N
PDVM-40N
Standard cassettes
PDV-34N
PDV-64N
PDV-94N
PDV-124N
PDV-184N

Cleaning cassettes
PDVM-12CL
PDV-12CL

Sony DVCAM™ tape is the choice for professional 6mm recording. Featuring more DLC and a professional album case, Sony DVCAM tape is ideal for professional HDV, DVCAM, & Mini DV applications.

- Metal evaporation process for improved packing density and increased C/N ratio
- Diamond-Like Carbon protective layer for extra durability
- 16Kb memory IC on ME Series, for index addresses and shooting data
- Up to 184 minutes recording time

DIGITALMASTER

DigitalMaster Series

Mini Cassettes
PHDVM63DM

Standard Cassettes
PDV64DM
PDV124DM
PDV184DM

Cleaning Cassettes
PDVM-12CL
PDV-12CL

DigitalMaster™ is Sony's highest quality 6mm videotape, engineered specifically for professional use. With a dual layer of active magnetic material and featuring Sony's AME-II manufacturing process, DigitalMaster delivers superior performance that results in 90% fewer errors and 30% less dropouts versus DVCAM tape. To hear what other professionals have to say about Sony DigitalMaster visit www.sony.com/DigitalMaster

DigitalMaster is the recommended tape for HDV recording.

Better Video Performance:
• +2.5dB greater carrier-to-noise (C/N) ratio vs. DVCAM tape
• +1.5dB greater output vs. DVCAM tape

Reduced Error Rate:
• 90% less errors vs. DVCAM tape

Less Dropouts:
• 30% less dropouts vs. DVCAM tape

Tighter Width Tolerance:
• 50% tighter width tolerance vs. Consumer DV tape

Better Durability:
• 30% greater Diamond-Like Carbon (DLC) layer vs. Consumer DV tape

DigitalMaster Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
PDVM-32MEM	32	190 (58)	0.14 (63)	50	8.2 (3.7)
PDVM-40MEM	40	233 (71)	0.14 (64)	50	8.2 (3.7)
PDV-64DM	64	367 (112)	0.25 (114)	50	15.2 (6.9)
PDV-124DM	124	702 (214)	0.27 (121)	50	16.1 (7.3)
PDV-184DM	184	1,033 (315)	0.28 (128)	50	16.8 (7.6)

PDV-N Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
PDVM-12N	12	79 (24)	0.13 (61)	50	7.9 (3.6)
PDVM-32N	32	190 (58)	0.14 (63)	50	8.2 (3.7)
PDVM-40N	40	233 (71)	0.14 (64)	50	8.2 (3.7)
PDV-34N	34	200 (61)	0.27 (124)	50	15.0 (6.8)
PDV-64N	64	367 (112)	0.28 (128)	50	15.2 (6.9)
PDV-94N	94	535 (163)	0.29 (132)	50	15.6 (7.1)
PDV-124N	124	702 (214)	0.30 (135)	50	16.1 (7.3)
PDV-184N	184	1,033 (315)	0.31 (142)	50	16.8 (7.6)

PDV-ME Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
PDVM-32ME	32	190 (58)	0.14 (63)	50	8.2 (3.7)
PDVM-40ME	40	233 (71)	0.14 (64)	50	8.2 (3.7)
PDV-64ME	64	367 (112)	0.28 (128)	50	15.2 (6.9)
PDV-124ME	124	702 (214)	0.30 (135)	50	16.1 (7.3)
PDV-184ME	184	1,033 (315)	0.31 (142)	50	16.8 (7.6)

Cleaning cassettes

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
PDVM-12CL	12	79 (24)	0.15 (66)	50	8.3 (3.8)
PDV-12CL	12	79 (24)	0.29 (130)	50	15.4 (7.0)

* with case

DIGITAL BETACAM

BCT-D Series
Small cassettes
BCT-D6
BCT-D12
BCT-D22
BCT-D32
BCT-D40
Large cassettes
BCT-D34L
BCT-D64L
BCT-D94L
BCT-D124L
Cleaning cassette
BCT-HD12CL

Since its launch in 1994, Sony's Digital Betacam® format has become the standard in mainstream high-end digital acquisition and post-production.
The superb multi-generation recording characteristics of Sony Digital Betacam tape and recorders have led to the format becoming the de-facto global mastering format in standard definition digital production.

- Ultra-fine magnetic particles for high output

- Specially developed lubricant increases head contact and reduces headwear

- Designed for long-term playback reliability

- Low-shrinkage for archival stability

BCT-D Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg.)
BCT-D6	6	141 (43)	0.57 (260)	50	32.4 (14.7)
BCT-D12	12	256 (78)	0.59 (270)	50	33.3 (15.1)
BCT-D22	22	446 (136)	0.61 (277)	50	35.1 (15.9)
BCT-D32	32	640 (195)	0.65 (295)	50	37.5 (17.0)
BCT-D40	40	791 (241)	0.68 (308)	50	38.8 (17.6)
BCT-D34L	34	676 (206)	1.38 (630)	10	15.2 (6.9)
BCT-D64L	64	1,253 (382)	1.49 (677)	10	16.3 (7.4)
BCT-D94L	94	1,827 (557)	1.60 (728)	10	17.4 (7.9)
BCT-D124L	124	2,402 (732)	1.71 (780)	10	18.3 (8.3)
BCT-D12CL	12	305 (93)	0.60 (270)	40	29.3 (13.3)

* with case

BETACAM SX

BCT-SXA Series
Small cassettes
BCT-6SXA
BCT-12SXA
BCT-22SXA
BCT-32SXA
BCT-62SXA
Large cassettes
BCT-64SXLA
BCT-94SXLA
BCT-124SXLA
BCT-184SXLA
BCT-194SXLA
Cleaning cassette
BCT-5CLN

- **Strengthened base film for more robust tape**
- **Thinner tape allows increased recording time**
- **Refined high-density particle packing and advanced calendering systems optimizes tape surface**
- **Ultra fine magnetic particles for high output**
- **High durability and long head life, even under punishing conditions**

Betacam SX® is the accepted digital replacement format for Betacam SP, offering 8-bit 4:2:2 digital quality with substantially lower cost than the analog Betacam SP. Betacam SX equipment has been designed with a number of applications in mind, particularly news and sport production. The yellow tape cassette is easily recognizable. Using Sony Betacam SX format tape ensures users gain the most from this sophisticated digital production system.

BCT-SXA Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
BCT-6SXA	6	102 (31)	0.47 (215)	50	27.8 (12.6)
BCT-12SXA	12	171 (52)	0.48 (220)	50	28.2 (12.8)
BCT-22SXA	22	289 (88)	0.50 (230)	50	29.3 (13.3)
BCT-32SXA	32	407 (124)	0.53 (240)	50	30.4 (13.8)
BCT-62SXA	62	758 (231)	0.59 (268)	50	31.5 (14.3)
BCT-64SXLA	64	791 (241)	1.31 (597)	10	14.6 (6.6)
BCT-94SXLA	94	1,145 (349)	1.37 (626)	10	15.0 (6.8)
BCT-124SXLA	124	1,496 (456)	1.43 (654)	10	15.7 (7.1)
BCT-184SXLA	184	2,201 (671)	1.56 (711)	10	16.8 (7.6)
BCT-194SXLA	194	2,319 (707)	1.58 (720)	10	17.0 (7.7)
BCT-5CLN	5	125 (38)	0.51 (231)	50	26.7 (12.1)

* with case

BETACAM SP

BCT-MA Series
Small cassettes
BCT-5MA
BCT-10MA
BCT-20MA
BCT-30MA
Large cassettes
BCT-5MLA   BCT-30MLA
BCT-10MLA   BCT-60MLA
BCT-20MLA   BCT-90MLA
Cleaning cassette
BCT-5CLN

For over 15 years, Betacam SP® has been the global mainstream broadcast analog standard. In the analog domain, no other format can match the success of Betacam SP in adding value to customer operations. Sony's Emmy Award-winning metal videotape technology takes Betacam SP performance to new heights.

- **Continually developed metal particle tape technology**
- **Strengthened binder achieves 50% increase in cross-linking density**
- **Dropout prevention and archival stability using alumina-silica metal particle coating**
- **Extended head life with specially developed lubricants**
- **Controlled surface roughness increases S/N ratio**

BCT-MA Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton	
				Quantity (pcs)	Weight lbs. (kg)
BCT-5MA	6	138 (42)	0.51 (231)	50	32.2 (14.6)
BCT-10MA	12	256 (78)	0.53 (241)	50	33.3 (15.1)
BCT-20MA	24	492 (150)	0.56 (256)	50	34.8 (15.8)
BCT-30MA	36	728 (222)	0.61 (276)	50	37.0 (16.8)
BCT-5MLA	9	190 (58)	1.38 (625)	10	14.5 (6.8)
BCT-10MLA	15	305 (93)	1.39 (630)	10	14.5 (6.8)
BCT-20MLA	29	564 (172)	1.43 (650)	10	15.4 (7.0)
BCT-30MLA	39	797 (243)	1.46 (660)	10	15.7 (7.1)
BCT-60MLA	75	1,499 (457)	1.61 (730)	10	17.2 (7.8)
BCT-90MLA	110	2,198 (670)	1.74 (790)	10	18.5 (8.4)
BCT-5CLN	5	125 (38)	0.51 (231)	50	26.7 (12.1)

* with case

BETACAM

BCT-G Series
Small cassettes
BCT-5G
BCT-10G
BCT-20G
BCT-30G
Large cassettes
BCT-60GL
BCT-90GL
Cleaning cassette
BCT-5CLN

- **VIVAX metal particles result in reduced modulation noise and super picture & sound quality**
- **Carbonmirror backcoating reduces dropout and electrostatic discharge noise**
- **Crosslinked binder achieves high packing density for high output and durability**
- **Precision calendering for smooth surface**

Designed specifically for Betacam® and Betacart® equipment, the BCT-G Series Betacam Oxide tapes are the broadcast standard video cassettes from Sony. Featuring VIVAX particles, these tapes deliver high output performance with reduced modulation noise.

BCT-G Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Master Carton Weight lb. (kg)
BCT-5G	6	138 (42)	0.51 (231)	50	32.2 (14.6)
BCT-10G	11	256 (78)	0.53 (241)	50	33.3 (15.1)
BCT-20G	21	492 (150)	0.56 (256)	50	34.8 (15.8)
BCT-30G	31	728 (222)	0.60 (276)	50	37.0 (16.8)
BCT-60GL	64	1,499 (457)	1.60 (730)	10	17.2 (7.8)
BCT-90GL	94	2,198 (670)	1.73 (790)	10	18.5 (8.4)
BCT-5CLN	5	125 (38)	0.51 (231)	50	26.7 (12.1)

* with case

PROFESSIONAL HI-8 / 8mm

Pro Hi-8mm HMEX Series
E6-120HMEX/S

Pro Hi-8mm HMPX Series
P6 30HMPX/S
P6 60HMPX/S
P6 120HMPX/S
P6 120HMPX/N5

8mm Duplication
P6 30PHB/X
P6 60PHB/X
P6 90PHB/X
P6 105PHB/X
P6 120PHB/X
P6 135PHB/X
P6 150PHB/X

Cleaning cassette
V8-25CLD

HMEX: Metal Evaporated Tape
HMPX: Metal Particle Tape

- Use HMEX metal evaporated tape for high performance in acquisition
- Use HPMX metal particle tape for durability under punishing conditions of editing and slow/still mode play
- Professional reliability with low dropouts
- Tough Binder for editing

Before the introduction of DV, Hi-8™ represented the most efficient, compact video format. Today, this format's features still appeal to many professional users.
In professional applications, the robustness and reliability of the recording media is critical.
HMEX - Advanced metal evaporated tape is designed for original acquisition. With its superior surface smoothness, it delivers a high output, low noise Hi-8 picture.
HPMX - Metal particle tape with a special binder system is designed to meet the durability requirements in editing where repeated still frame and slow media playback are common.

Hi-8 Metal-E Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight* lb. (kg)
E6-30HMEX	30	92 (28)	0.17 (77)	50	9.7 (4.4)
E6-60HMEX	60	177 (54)	0.18 (80)	50	10.0 (4.5)
E6-90HMEX	90	348 (106)	0.19 (88)	50	10.6 (4.8)

PROFESSIONAL DAT

DAT Series
PDP-15C
PDP-35C
PDP-50C
PDP-65C
PDP-95C
PDP-125C
Cleaning cassette
DT-10CLD

DAT: Digital Audio Tape

- **Magnetic particles for high-density recording**
- **Advanced binder system and higher packing density for better durability**
- **Low error rate even after 1000 cycles shuttle tests**
- **Cassette shell shuts out dust and foreign particles**

DAT has become an industry standard and proved itself to be an extremely efficient and cost-effective medium in production environments. In the recording studio, broadcast radio station or in the field, its compact characteristics make it highly portable. Sony's PDP Series offers numerous models in a polypropylene case which protects the cassette and its high-quality recorded content.

DAT Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
PDP-15C	15	26 (8)	0.09 (41.7)	100	10.3 (4.7)
PDP-35C	35	59 (18)	0.09 (42.5)	100	10.5 (4.8)
PDP-50C	50	85 (26)	0.10 (43.1)	100	10.5 (4.8)
PDP-65C	65	108 (33)	0.10 (43.7)	100	10.8 (4.9)
PDP-95C	95	157 (48)	0.10 (44.7)	100	11.0 (5.0)
PDP-125C	125	203 (62)	0.10 (46.1)	100	11.2 (5.1)

* with case

DTRS

DARS Series
DARS-30MP
DARS-60MP
DARS-113MP
Cleaning cassette
V8-25CLD

DTRS: Digital Tape Recording System

- DARS-MP metal tape technology
- Ultra fine magnetic particles
- Sturdy case and convenient label system
- Suitable for Sony PCM-800 and Tascam DA-Series DTRS format equipment

Multi-channel audio recording systems demand media of the highest standard.
With its specialist knowledge, Sony has led the professional audio industry in digital multi-channel audio.
For DTRS 8-Channel Digital Audio Recording, Sony offers metal DTRS tapes which complement the Sony PCM-800 and Tascam DA-Series recording equipment.

DARS Series Line-up

Model	Playing time (min)	Tape length ft. (m)	Weight* lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
DARS-30MP	30	103 (31.5)	0.20 (92)	50	10.1 (4.6)
DARS-60MP	60	197 (60.5)	0.21 (96)	50	10.6 (4.8)
DARS-113MP	113	365 (111.5)	0.23 (104)	50	11.5 (5.2)

* with case

LTO

LTO Series
LTO1 (LTX100GWW)
LTO2 (LTX200GWW)
LTO3 (LTX400GWW)
Cleaning Tape
LTXCLWW
LTO

LTO: Linear Tape Open

- **Massive Storage capacity of up to 800 GB (400 GB native)** (LTO3)**
- **Impressive data transfer rate of up to 160 MB/s (80 MB/s native)** (LTO2)**
- **High-speed access with LTO Cartridge Memory (LTO-CM)**
- **High reliability and durability with an ultra-thin coating technology**
- **Ongoing accelerated testing program to help assure long term archival stability**

LTO Linear Tape Open technology uses single reel, 1/2 inch MP (Metal Particle) tape with optimized track layouts to achieve an impressive capacity of up to 400 GB native (800 GB compressed*).
LTO is ideally suited for back up, restore and archive applications.
LTO Tapes can be pre-labelled upon demand.

Drive/Media Compatibility

Cartridge	Drive		
	LTO Ultrium 1	LTO Ultrium 2	LTO Ultrium 3
LTO1 Cartridge	Read/Write	Read/Write	Read
LTO2 Cartridge	NC	Read/Write	Read/Write
LTO3 Cartridge	NC	NC	Read/Write

NC = Not Compatible

LTO Series Line-up

Model	Recording Capacity (native / compressed*)	Tape length ft. (m)	Weight** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
LTX100GWW	100 GB / 200 GB	1,998 (609)	0.66 (275)	20	13.18 (5.98)
LTX200GWW	200 GB / 400 GB	1,998 (609)	0.59 (275)	20	12.87 (5.84)
LTX400GWW	400 GB / 800 GB	2,231 (680)	0.59 (275)	20	12.87 (5.84)

*2:1 compression factor   **with case

DLT

DLT IV Series
DL4TK88
Cleaning Tape
DL3CL

DLT: Digital Linear Tape

- Ideal for rapid back up of network servers, workstation data and multimedia applications such as DVD mastering
- Offers storage capacity of up to 40 GB native (80 GB compressed)**
- High speed data transfer rate of up to 6 MB/s native (12 MB/s compressed) and super quick file access
- Excellent reliability, even after 1,000,000 passes

A powerful storage solution for data-intensive back up and multimedia applications. Digital Linear Tape (DLT) uses half-inch MP (Metal Particle) to provide high capacity, speed and reliability.
DLT IV Tapes can be bar-code labelled upon request.

Drive/Media Compatibility

Media	Drive				
	DLT2000	DLT2000XT	DLT4000	DLT7000	DLT8000
DLT Tape IV (Compressed *)	NC	NC	Read/Write 20 GB (40 GB *)	Read/Write 35 GB (70 GB *)	Read/Write 40 GB (80 GB *)

Media	Drive				
	DLT VS80 (DLT1)	DLT VS160	SDLT220	SDLT320	SDLT600
DLT Tape IV (Compressed *)	Read/Write 40 GB (80 GB *)	Read	Read	Read	NC

*1 Compression ratio 2:1   NC = Not Compatible

DLT Series Line-up

Model	Recording Capacity (native / compressed)*	Tape length ft. (m)	Weight*** lb. (g)	Master Carton	
				Quantity (pcs)	Weight lb. (kg)
DL4TK88	40 GB / 80 GB** with DLT-8000	1,827 (557)	0.64 (292)	20	15.56 (7.058)

DLT Tape is a registred Trademark of Quantum Corporation
*2:1 compression factor ** Values are drive dependent *** with case

DLT VS1

DLT VS1 Series
DLTVSI-160
Cleaning Tape
DLTVSICL

Sony partnered with Quantum, the linear tape drive market leader, to develop dedicated media for DLT VS160 drives. Every aspect of these advanced data cartridges reflect Sony's half-century of magnetic media experience and mastery.

- **Offers storage capacity of up to 80 GB native (160 GB compressed)****
- **High speed data transfer rate of up to 8 MB/s native (16 MB/s compressed) and super quick file access**
- **Excellent reliability, even after 1,000,000 passes**

Drive/Media Compatibility

Media		Drive			
	DLT VS80 (DLT1)	DLT VS160	SDLT220	SDLT320	SDLT600
DLT VSI (Compressed *)	NC	Read/Write 80 GB (160 GB *)	NC	NC	Read

*1 Compression ratio 2:1   NC = Not Compatible

DLT Series Line-up

Model	Recording Capacity (native / compressed)*	Tape length ft. (m)	Weight*** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
DLTVSI160 with DLT-8000	40 GB / 80 GB**	1,827 (557)	0.64 (292)	20	15.56 (7.058)

DLT Tape is a registred Trademark of Quantum Corporation
*2:1 compression factor ** Values are drive dependent *** with case

33

SUPER DLT

Super DLT Series
SDLT1320
Cleaning Tape
SDLTCL

- **High storage capacity of 160 GB native (320 GB compressed)****
- **Impressive high speed data transfer rate of 16 MB/s native (32 MB/s compressed)****
- **Superior performance with new tape leader mechanism**
- **Excellent reliability even after 1,000,000 head passes**

With the increasing demands on data back up and archiving, Super DLTtapes I™ offer a high storage capacity in half-inch cartridge media (160 GB native, 320 GB compressed) with solid reliability and high level of performance. SuperDLT Tapes can be bar-code labelled upon request.

Drive/Media Compatibility

Media	Drive				
	DLT VS80 (DLT1)	DLT VS160	SDLT220	SDLT320	SDLT600
Super DLT1 (Compressed*)	NC	NC	Read/Write 110 GB (220 GB)	Read/Write 160 GB (320 GB)	Read

*1 Compression ratio 2:1   NC = Not Compatible

DLT Series Line-up

Model	Recording Capacity (native / compressed)*	Tape length ft. (m)	Weight*** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
SDLT1320	160 GB / 320 GB** with SDLT 320 Drive	1834 (559)	0.61 (275)	20	17.4 (7.9)

DLT Tape is a registred Trademark of Quantum Corporation
*2:1 compression factor ** Values are drive dependent *** with case

AIT

AIT Series

AIT1
SDX1-25C (65 GB)*
SDX1-35C (91 GB)*
AIT2
SDX2-50C (130 GB)*
SDX2-50W (130 GB)* WORM**
AIT3
SDX3-100C (260 GB)*
SDX3-100W (260 GB)* WORM**
AIT4
SDX4-200C (520 GB)*
SDX4-200W (520 GB)* WORM**
Cleaning Tape
SDX1-CL
SDX4-CL (for AIT4)

AIT: Advanced Intelligent Tape™

Tremendous capacity, tiny form factor, great reliability. Sony's drive technology and AME tape technology come together in the AIT format to deliver a remarkable combination of high reliability and high recording density. From 25 GB native to 520 GB compressed AIT offers the perfect migration path from virtually any tape format to a high performance technology with a commited future roadmap. AIT Tapes can be pre-labelled upon request.

- Tremendous storage capacity up to 520 GB compressed * (AIT4 format)
- Quick access provided by AIT's unique Memory-In-Cassette (MIC) incorporated into the cartridge
- Clear future roadmap already committed up to AIT-6 with a 800 GB native capacity
- Compact Design 3.5" form factor maximizing the capacity to space-utilised ratio
- WORM formats (Write-Once Read-Many) allowing data to be written and added but not overwritten or erased: protects valuable data against accidental erasure, prevents alteration of archived data files

* Assuming 2.6:1 compression ratio

** Write Once Read Many

AIT / AIT TURBO

AIT Turbo Series

AIT-E Turbo
TAITE20NWW (52 GB)*

AIT-1 Turbo
TAIT140NWW (104 GB)*
TAIT140CWW (104 GB)

AIT-2 Turbo
TAIT280NWW (208 GB)*
TAIT280CWW (208 GB)

* Assuming 2.6:1 compression ratio

- Launched in the second half of 2004, AIT Turbo family is already available in three generations.
- AIT-1 and 2 Turbo have both MIC (C model) and no-MIC (N model) options with a native transfer rate of up to 12 MB/sec.
- AIT-1 Turbo drive can read and write AIT-E and 1 Turbo, and standard AIT-1 media.
- AIT-2 Turbo drive can read and write AIT-E, 1, 2 Turbo media as well as standard AIT-1 and 2 media.

New AIT Family

Sony is pleased to offer a new AIT family – AIT Turbo, enhancing both capacity and speed of earlier AIT generations delivering the same highly reliable and industry leading 8mm AIT format and technology. AIT Turbo offers capacities from 20GB to 80GB native and 52GB to 208GB compressed* for cost effective performance. AIT Turbo reflects technical excellence, which Sony has proven with its reliability since AIT was introduced as a high and mid-range solution in 1996. AIT Turbo offers new performance and capacity options to supercharged backup.

Drive/Media Compatibility

	Media						
Drive	AIT-E Turbo	AIT-1	AIT-1 Turbo	AIT-2	AIT-2 Turbo	AIT-3	AIT-4
	TAITE-20N	SDX1-25C/35C	TAIT1-40N/40C	SDX2-50C/50W	TAIT2-80N/80C	SDX3-100C/100W	SDX4-200C
AIT-E Turbo	Read/Write	NC	NC	NC	NC	NC	NC
AIT-1	NC	Read/Write	NC	NC	NC	NC	NC
AIT-1 Turbo	Read/Write	Read/Write	Read/Write	NC	NC	NC	NC
AIT-2	NC	Read/Write	NC	Read/Write	NC	NC	NC
AIT-2 Turbo	Read/Write	Read/Write	Read/Write	Read/Write	Read/Write	NC	NC
AIT-3	NC	Read/Write	NC	Read/Write	NC	Read/Write	NC
AIT-4	NC	NC	NC	NC	NC	NC	Read/Write

NC: Not Compatible

AIT Series Line-up

Model	Recording Capacity (native / compressed)*	Tape Length ft. (m)	Weight** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
SDX1-25C	25 GB / 65 GB	558 (170)	0.17 (79)	50	10.9 (4.95)
SDX1-35C	35 GB / 91 GB	755 (230)	0.17 (79)	50	9.7 (4.42)
SDX2-50C	50 GB / 130 GB	755 (230)	0.17 (79)	50	10.8 (4.92)
SDX2-50W	50 GB / 130 GB	755 (230)	0.17 (79)	50	9.7 (4.42)
SDX3-100C	100 GB / 260 GB	755 (230)	0.17 (79)	50	10.4 (4.74)
SDX3-100W	100 GB / 260 GB	755 (230)	0.17 (79)	50	10.4 (4.74)
SDX4-200C	200 GB / 520 GB	807 (246)	0.17 (79)	50	10.4 (4.75)
SDX4-200	200 GB / 520 GB	807 (246)	0.17 (79)	50	10.4 (4.75)

*Assuming 2.6:1 compression
** with case

S-AIT

SΛ

S-AIT Series
SAIT1-500
SAIT1-500 WORM*
Cleaning Tape
SAIT1-CL

S-AIT: Super Advanced Intelligent Tape

- **Extraordinary storage capacity of up to 500 GB native (1.3 TB compressed)**
- **Clear four migration path up to 4 TB native capacity**
- **High-density recording and reliability with AME (Advanced Metal Evaporated) tape**
- **Innovative cartridge mechanism improving loading / unloading of tape**
- **Fast 30 MB/sec native transfer rate with Helical Scanning System.**
- **Write-Once Read-Many (WORM) format available. This protects valuable data against accidental erasure and prevents alteration of archived data files.**

S-AIT is ideal for automation solutions requiring extraordinary capacities and high performance. Its single reel cartridge design permits easy integration into existing half inch automation products. Huge capacity and performance in a small form-factor position S-AIT as a new tape roadmap to complement the growth of hard disk drive capacities. S-AIT Tapes can be pre-labelled upon request.

* Write Once Read Many

S-AIT Series Line-up

Model	Recording Capacity (native / compressed)*	Tape Length ft. (m)	Weight** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
SAIT1-500	500 GB / 1.3 TB	1,968 (600)	0.57 (260)	20	15.8 (7.2)

*2.6:1 compression factor ** with case

DTF

DTF

DTF Series
DTF1
GW-240S
GW-730L

DTF2
GW2-60GS
GW2-200GL
Cleaning Tape
GW2-340LCL

DTF: Digital Tape Format

- Native capacity of up to 200 GB, compressed capacity of up to 518 GB using ALDC (Adaptive Lossless Data Compression)
- Ultra-high transfer rate of 24MB/s using Sony GY-8240 drive
- DTF digital data cartridge meets the ISO/IEC 15731 standard format
- High durability thanks to HDA (High Density Alloy) magnetic particles combined with a fine and uniform protective layer. A high-performance lubricant protects the tape's surface, controlling friction and maintaining optimum head-to-head contact.
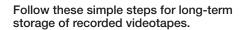
Sony's DTF (Digital Tape Format) combines 1/2 Inch technology with metal particle tape for an exceptional archival solution. From 12 GB to 200 GB native, DTF tapes have been developped for a wide variety of back up and archiving applications.

DTF Series Line-up

Model	Recording Capacity (native / compressed)*	Tape Length ft. (m)	Weight** lb. (g)	Master Carton Quantity (pcs)	Weight lb. (kg)
GW-240S	12 GB	791 (241)	0.67 (308)	50	38.1 (17.3)
GW-730L	42 GB	2,402 (732)	1.72 (780)	10	18.3 (8.3)
GW2-60GS	60 GB	951 (290)	0.67 (308)	50	38.1 (17.3)
GW2-200GL	200 GB	2,920 (890)	1.67 (753)	10	17.6 (8.0)

* Values are drive dependant ** with case

STORAGE RECOMMENDATIONS

Follow these simple steps for long-term storage of recorded videotapes.

Store tapes in their hard cases.

Store tapes vertically in their cases.

Do not touch the tape.

Store at recommended temperature and humidity (59-77°F, 40-60% relative humidity).

Take care of your VCR as directed in the service manual.

For best performance, use Sony cleaning tapes periodically.

Store tapes in a clean area free of cigarette smoke, food and drink.

Keep tape away from magnetic fields.

Keep tape evenly wound.

Affix labels carefully.

Rewind or forward tape periodically.
Reverse the winding every one to three years.

Do not store tapes in areas exposed to direct sunlight.

Specifications are representative values when compared to Sony reference tape and are subject to change without notice. Availability subject to location.

Sony Professional Media Sales Offices:

EASTERN SALES OFFICE
1 Sony Drive
Park Ridge, NJ   07656
201-476-8603

CENTRAL SALES OFFICE
1200 N. Arlington Heights Road
Itasca, IL   60143
630-773-6121

WESTERN SALES OFFICE
16765 West Bernardo Drive
San Diego, CA   92127
714-612-9431

To contact us via email:
promediamarketing@am.sony.com

For product information and a list of authorized dealers, visit:
www.sony.com/promedia

To sign up for our customer loyalty program, visit:
www.sony.com/rewardingrecording