

**Camcorders &
DVCPRO Products**

The Line-Up



**Fully Digital Equipment
that add up
to your performance**



PHILIPS

Let's make things better

Camcorders & DVCPRO Products

**The starting point for a good
relationship**

Dear Customers,

You have in hand a 'Line-Up' of Philips' renown range of fully digital DVCPRO camcorders and VCR's.

In short this overview informs you about the applications the different LDK 100 Series Camcorders are designed for, ranging from news production to digital cinematography, as well as the key-technologies and complementary equipment that make the system add up to your performance.

The new lay-out and refreshing colors of this leaflet represent a company that considers its first priority to be closer to you, your business challenges and to offer acquisition system solutions that will contribute to your success.

We take the opportunity to thank you for allowing us to share with you the projects and applications that we put our efforts and pride in.

We look forward to meeting with you, anywhere in the world. For further information please give us a ring, or fax, or visit our web site and e-mail your wishes.

Philips.



LDK 150 12-bit Digital DVC-PRO50 Camcorder

The LDK 150 is a 12-bit digital DVC-PRO50 camcorder that offers film-quality pictures in combination with 50 Mb/s DVCPRO performance and two pairs of 22-bit digital audio channels. It provides unrivalled picture performance combined with a full range of features that gives complete creative freedom and superb recording. Truly the choice of Directors of Photography

LDK 150DPM-16:9 switchable 12-bit Digital DVCPRO50 Camcorder

LDK 150FT- 4:3 only 12-bit Digital DVCPRO50 Camcorder



LDK 140 IT(W) Digital DVC-PRO50 Camcorder

The LDK 140 IT(W) is designed for camera operators all over the world who are challenged by a broad range of assignments requiring frequent adaptation to the differing requirements of diverse customers. Picture performance and flexibility are key attributes of the LDK 140IT(W), which is based on Philips studio and portable triax cameras, provides unprecedented (22-bit) Digital Signal Processing capabilities.

LDK 140ITW -16:9 switchable Digital DVCPRO50 Camcorder

LDK 140IT - 4:3 only Digital DVCPRO50 Camcorder



LDK 120 12-bit Digital DVC-PRO Camcorder

The LDK 120 is a 12-bit digital camcorder that is the ultimate companion for capturing every facet of life anywhere in the world. Based on Philips digital studio and outside broadcast cameras, it has many outstanding features is fitted with DPM™ sensors and a DVCPRO tape deck.

LDK 120DPM™ -16:9 switchable 12-bit Digital DVCPRO Camcorder

LDK 120FT - 4:3 only 12-bit Digital DVCPRO Camcorder



LDK 110 IT(W) Digital DVCPRO Camcorder

The LDK 110IT(W) is today's standard choice for affordable digital program production and fast, on-air news-gathering. This camcorder outshines the pack in both price and performance - offering all the benefits of the LDK 100 Series camcorders, but with a more economical sensor system.

LDK 110ITW-16:9 switchable Digital DVCPRO Camcorder

LDK 110IT- 4:3 only Digital DVCPRO Camcorder



LDK 100 Series Camera System

The LDK 100 Series Camera System gives new meaning to configurable and future-proof acquisition systems. The 'building bricks' allow you to swiftly reconfigure your high-end camcorder into a portable studio camera with triax transmission. The system, amongst others, comprises of four camera heads and as many as five adapter to suite specific needs.

Over time more adapters will provide you with steppingstones to further upgrade the LDK 100 Series Camera System and to adopt to new recording systems and applications.

DVCPRO

Adapters

Naturally, your Philips camcorder can be equipped with an ENG, motorcycle or Betacam adapter to let you get the most out of your application.



LDK 700 1/2" FIT DVCPRO Camcorder

The LDK 700 is a highly compact and portable, go-anywhere companion for videographers. Its straightforward controls and advanced design makes it easy to use while affording outstanding operational flexibility.



DVCPRO and DVCPRO50 Recording and Play-out Products

DVCPRO from Philips is the new standard in digital video program production. Registered by the SMPTE as the D7 format, it represents a new era in affordable, high-quality, digital acquisition, post-production and play-out. DVCPRO revolutionises traditional acquisition operations with compact digital equipment that brings high levels of flexibility and picture performance from news productions to digital cinematography.

(Please note that in the course of 1999/2000 new models will be introduced)

DVCPRO50

- DCR 950** Digital Studio VCR
- DCR 940** Digital Studio Player with Slow Motion
- DCR 295** Desktop/Field VCR

DVCPRO

- DCR 850** Digital Studio Editing VCR
- DCR 650** Editing VCR
- DCR 640** Playback/Recorder VCR
- DCR 85** Portable Digital Field Editor
- DCR 230H** Desktop VCR

Key-technologies

Philips Digital LDK 100 Series Camcorders offer high levels of performance and functionality combined with unprecedented compactness and portability. The LDK 100 Series brings a new meaning to hand-held, multi-purpose cameras and incorporate all of the features and functionality resulting from worldwide consultation with broadcast and production professionals.

For example:

- 22-bit *HiRes* Digital Video Processing
- 22-bit Digital Audio Processing
- 2/3-inch 1000 pixels per line DPM™ 4:3 / 16:9 switchable sensors (LDK 150 /120)
- External CVBS input (NTSC or PAL)
- CCIR-601 serial digital output (optional)

The compactness, robustness, flexibility and operational convenience of the DVCPRO format have made it the standard choice for today's digital program production. And Philips sets the standards in the field of DVCPRO Camcorders with an exciting range of models to match every requirement.

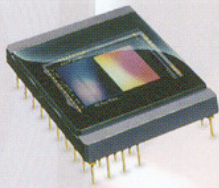
DVCPRO 50



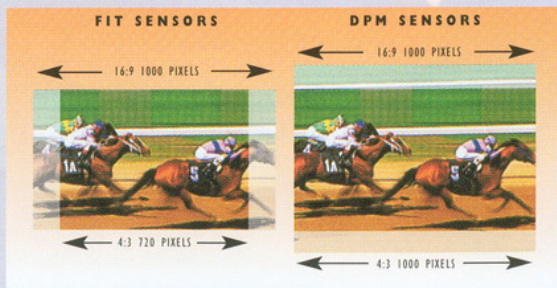


Dynamic Pixel Management (DPM™) meets 4:3 broadcasting needs while accommodating wide-screen 16:9 productions. Philip's DPM™ sensors let you switch from one format to another and back again - at the touch of a button.

No changes are required in the camera setup, neither are costly widescreen cross-over lenses required. Regardless of format, DPM™ sensors with 1000 pixels-per-line frame transfer provide exceptional resolution without lag or smear.



Philips cameras also feature today's most advanced 12-bit A/D conversion, plus 22-bit dynamically managed Digital Signal Processing. Philips cameras incorporate two digital video processors that combine all camera functions in the digital domain, including knee, gamma, contour and matrix.



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