Digital-S videocassette player

To fulfill the digitization needs of broadcasting stations, JVC offers fully digital systems, from recording to editing and broadcasting, based on the Digital-S video system.

Digital-S videocassette recorder

Editing control unit

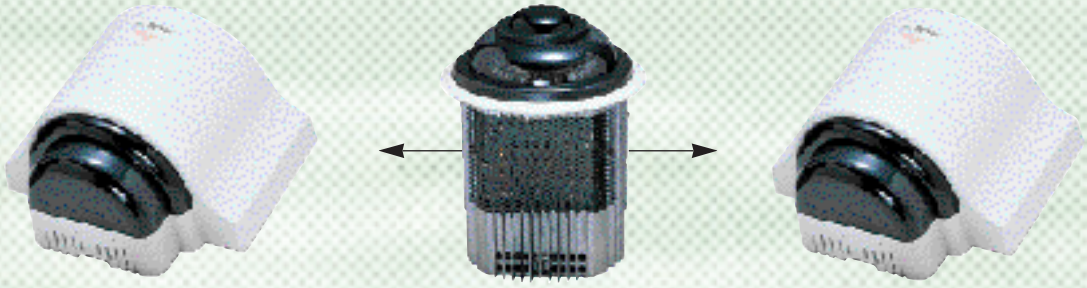
Non-linear editing system

In Professional Electronics, JVC provides AV systems and information systems to users, including public and educational institutions, corporations and amusement facilities. In the midst of dynamic change in the broadcasting, information and communications environments, demand is sharply increasing for systems that can effectively and effortlessly manipulate digital data. As a solution to these needs, JVC is strategically promoting the Digital-S video system, the ILA projector system and the wireless optical LAN system.

Digital-S System

With the advent of digital broadcasting, JVC's professional Digital-S video system is attracting great interest among broadcasters in Japan and overseas. Since its introduction in 1996, more than 8,000 units have been sold and over 150 broadcasting stations throughout the world now use the format, including Fox Television in the United States and the British Broadcasting Corporation (BBC) in the United Kingdom.

The merits of Digital-S begin with high-quality digital images demanded by broadcasting stations made available in a VHS format. Digital-S can replay a vast library of existing VHS images. In addition, a complete recording, playback and editing system is



JVC's wireless optical LAN system is gaining ground in the office. We are advancing R&D to apply it to the home as well.

attainable with impressive cost performance for not only broadcasting stations but also for image production studios and corporations. This is achieved by taking advantage of established VHS production facilities and technology.

Digital data created with Digital-S is compressed and transmitted from broadcasting stations with a Moving Picture Image Coding Experts Group 2 (MPEG-2) encoder. JVC is widely recognized by broadcasters as a pioneer in high-performance digital image compression. Our competitive edge is further enhanced through an alliance with DiviCom, Inc. in the United States, a leading global provider of standards-based MPEG-2 encoding products and systems for digital video broadcasting.

ILA Projector System

The ILA projector big-screen image system was developed as the third-generation of displays, following the cathode-ray tube (CRT) and the liquid crystal display (LCD). Demand is growing for the system owing to its display that is five times brighter than that of a CRT projector and its clear 1,500-line resolution. In the market for professional large-screen display systems, the ILA maintains a global market share of more than 50%.

The new ILA projector system that is smaller and less expensive than before was made possible through the development of new components.

In November 1997, JVC announced a more compact and inexpensive ILA projector system. We will boost its expanding scale of operations in the semiprofessional and personal use fields.

Wireless Optical LAN System

The wireless optical LAN system transmits data by way of infrared light. Wireless optical LANs offer the same high-speed 10 Mbps communications as provided by a conventional wired LAN, but do not require the laying of cables to construct a network or to change the layout, which is a major advantage. Robust sales growth in these systems is expected against a sharp increase in the use of LANs in offices. The JVC wireless optical LAN system was approved as Japan's standard at a conference attended by representatives from a majority of Japan's broadcasting and telecommunications companies.

In January 1998, JVC established a High-Speed Infrared Transmission System (HITS) research center with government and private sector cooperation to promote system development of a wireless network for home use based on JVC's optical LAN technology.