Calibur CBR-4CD

The CBR-4CD, a 4-camera, color, duplex video multiplexer

The CBR-4CD is a high-resolution multiplexer ideal for applications where real-time multiscreen images, detailed documentation and budget are concerns. All four camera inputs may be displayed during recording and playback in a quad format for complete security.

Horizontal pixel resolution of 1024 and 16.8 million colors ensure crisp, lifelike, broadcast-quality video signal. 25/30 (PAL/NTSC) unique pictures per second record output delivers detailed documentation of critical events. VEXT automatically optimizes multiplexer/VCR synchronization and prevents loss of critical pictures regardless of VCR record speed or how often record speeds change. Even new 24-hour "Real Time" VCRs automatically synchronize when a VEXT connection is made.
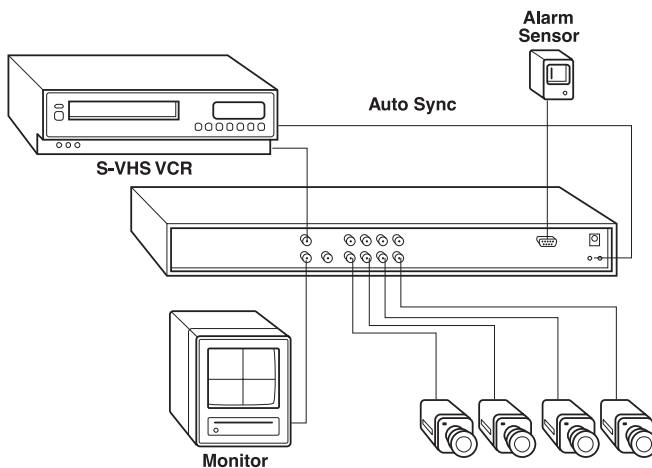
Features

- Fast recording speed, up to 30 unique pictures per second
- VEXT automatic VCR record speed synchronization
- High-resolution display in record and playback
- Live or playback in full-screen, quad or sequencing display
- Real time quad display
- Horizontal pixel resolution of 1024 and 16.8 million colors

- 4 alarm inputs
- Record mode lock eliminates operator error
- Video loss notification
- AutoInstall with automatic termination, automatic camera detection, automatic gain control
- Sleek, rugged desktop enclosure
- Optional 19" rackmount kit

Easy to install and operate, the CBR-4CD requires no user setup, senses and records connected cameras, and automatically termi-nates or loops camera inputs.

The CBR-4CD. Excellent picture quality, detailed documentation, economical, easy to install and use.

System Diagram

The CBR-4CD connects to up to four cameras. A video monitor output is provided for live or playback monitoring. Connect a VCR for playback or record. External alarm sensors can be connected. VEXT provides automatic and precise multiplexer/VCR synchronization.

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Technical Specifications

Video

Display memory: 2048 x 512 memory array, 8 MB total display memory
Colors: 16.8 million colors
Horizontal resolution: 1024 pixels
Vertical resolution: 512 active lines

Alarm Handling

Alarm inputs: 4 NO or NC dry contacts
Electrical: Input voltage: 12 VDC, 110 V or 220 V AC/DC adapter included
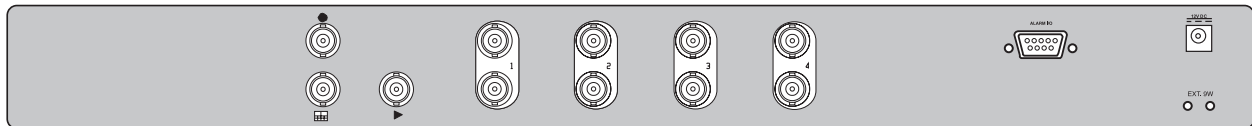**Power:** 9 W nominal

Environmental

Temperature: 0 to 50º C (32 to 122º F), operating
Relative humidity: 90%, noncondensing

Physical

Dimensions: 17.5 x 14 x 1.7 in (444 x 360 x 43mm)
Weight: 6.5 lbs. (3 kg), including external AC power supply

Ordering information

CBR-4CD: 4-camera, color, duplex, NTSC/EIA
CBR-4CDX: 4-camera, color, duplex, PAL/CCIR
CBR-RK4: Optional 1U rackmount kit

Rear Panel Inputs and Outputs

Inputs

Camera: 4 looping, BNC connectors, NTSC/EIA or PAL/CCIR compatible, auto terminating.
VCR: 1 BNC connector, NTSC/EIA or PAL/CCIR compatible.
Conditioning: AGC, 0.7 to 2.0 Vp-p composite video inputs accepted.
Termination: Automatic, 75 Ohms or Hi-Z if looped.

Outputs

Monitor: 1 BNC connector, NTSC/EIA or PAL/CCIR compatible.
VCR: 1 BNC connector, NTSC/EIA or PAL/CCIR compatible.

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