



The CBR-4MD, a 4-camera, monochrome, duplex video multiplexer

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

Horizontal pixel resolution of 1024 and 256 gray levels ensure a crisp, lifelike, broadcast-quality video signal. 25/30 (CCIR/EIA) 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.

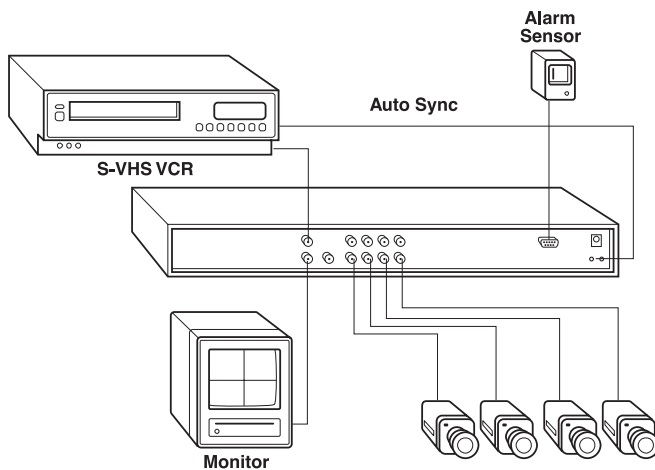
Features

- 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 256 gray levels
- 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-4MD requires no user setup, senses and records connected cameras and automatically termi-

nates or loops camera inputs.

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



System Diagram

The CBR-4MD 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.

Technical Specifications

Video

Display memory: 2048 x 512 memory array, 4 MB total display memory
Grayscale: 256 levels
Horizontal resolution: 1024 pixels
Vertical resolution: 484 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

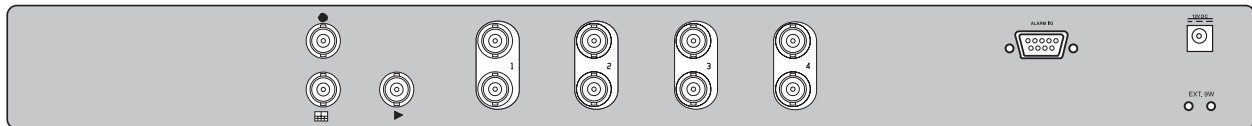
Temperature: 0 to 50° C (32 to 122° F), operating
Relative humidity: 90%, noncondensing

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-4MD: 4-camera, monochrome, duplex, EIA
CBR-4MDX: 4-camera, monochrome, duplex, CCIR
CBR-RK4: Optional 1U rackmount kit



Rear Panel Inputs and Outputs

Inputs

Camera: 4 looping, BNC connectors, CCIR/EIA compatible, auto terminating.
VCR: 1 BNC connector, CCIR/EIA 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, EIA or CCIR compatible.
VCR: 1 BNC connector, EIA or CCIR compatible.

Kalatel

PMB 225, PO Box 3004
 Corvallis, OR, USA 97339
www.kalatel.com

Americas

toll free 800-469-1676
 tel 541-754-9133
 fax 541-754-7162

Asia

tel 852-2907-8108
 fax 852-2142-5063

Australia

tel 61-3-9259-4700
 fax 61-3-9259-4799

Europe

tel 32-50-51-32-34
 fax 32-50-51-66-28