

ZMX Range

10 and 16 Channel Multiplexers

- Fully compatible with Baxall digital VCR
- Automatic VCR synchronisation
- Systems integration using Bax-net
- Master / slave time settings
- Covert camera operation
- User programmable multiscreens
- Duplex operation
- Advanced alarm handling with programmable responses
- Activity / intrusion detection
- Autolist™ programmable sequence with variable dwell times



Baxall's ZMX Range offers all the features you would expect from a multiplexer and more. User-friendly functions and simple on-screen menus allow for easy installation and integration.

Full compatibility with Baxall's DTL series of digital recorders and its ability to play back tapes from other manufacturers enables access to tape archives, preventing loss of investment. Key functions on the front panel along with the enhancement of direct control via RS232 ensure ease of automation and operation of many VCRs - giving the impression of a single box solution. Activity response programmable to change time lapse mode on detection. The activity intrusion alarm can be linked to provide full or quad screen response which allows the operator to track intruders accurately.

Additional features include:

- ◆ Pull down style install/user menus
- ◆ Camera Auto Install for fast installation
- ◆ S-VHS connectors for main monitor and VCR play/record
- ◆ 16 macros recording up to 32 key presses
- ◆ Password protected menu access
- ◆ Plays back DM and Robot recordings



ZMX Range

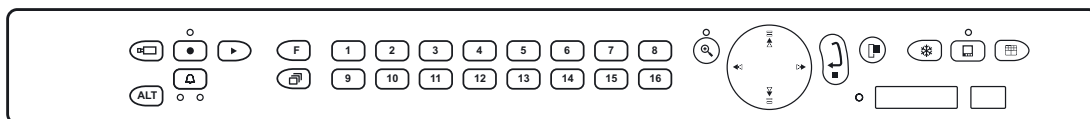
10 and 16 Channel Multiplexers

Model Variations

Model	ZMXBD10	ZMXCD10	ZMXBD16	ZMXCD16
Type	Mono duplex	Colour duplex	Mono duplex	Colour duplex
Video Inputs	10	10	16	16
Alarm Inputs	10	10	16	16

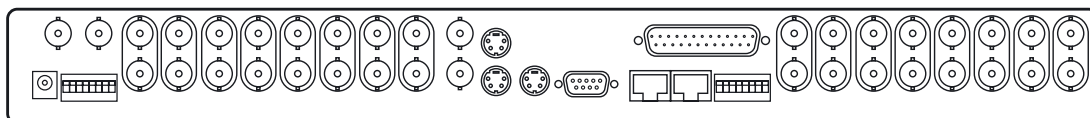
Generic Specifications

Video:	
Inputs	10 or 16 Channel: All composite video 1V p-p 75 ohm terminated, CCIR/PAL 625 lines, 50 Hz Dual loop through BNC's with manual termination per input via DIP switches, auto detection install for colour/mono cameras
Outputs	1 main monitor Composite video 1V p-p BNC or S-VHS 1 spot monitor Composite video 1V p-p BNC 1 VCR output Mono models 1V p-p BNC or S-VHS Colour Models 1V p-p BNC or S-VHS
Multi Screen Live Display	Full, Quad, 7, 9, 10, 13, 16 way & Picture in Picture
Display Resolution	720 x 576
Recorded Resolution	720 x 288
Update Rate	Up to 25 fields/second, play back; 50 fields/second, live
Interface	
Sequence Modes	Full & multiscreen sequence option for live and playback displays Default all cameras with menu adjustable dwell AutoList™ feature: Allows customisation of a full screen sequence list & dwell time via camera keys for each monitor; allows up to 2 independent AutoList™
VCR Clock Pulse (VEXT)	TTL field sync pulse. Duration 2-5 ms, High level +4.5V to +5.5V, Low level 0V
Remote Control (Optional)	Baxnet RS485: via 2 x RJ45 connectors RS232: via 1 x 9 way D Type (Can transmit up to 10 bytes on a RS232 string)
Remote Keyboards	ZKB1, ZKX2/K, ZKX2/J, ZKX3/J
Alarms	
Inputs / Outputs	10 or 16 alarm inputs with buzzer & LED. Programmable interface for N/O or N/C contacts. Video loss detection (VDL) with buzzer & LED. Linkable to 2 relay outputs. 1 external alarm clear, 2 alarm output relays. 30V AC/DC & 500mA max. N/O or N/C Programmable.
Motion Detection	16 x 16 definable mask grid. 10 levels of sensitivity. Definable record speed upgrade. Linkable to relay outputs.
Intrusion Detection	16 x 16 definable mask grid. Definable target size. 10 levels of sensitivity. 3 levels of rejection. Definable record speed upgrade. Linkable to 2 relay outputs, alarms and macros.
Power Supply	
Input Voltage	12V DC via 2.1mm jack connector. 110/220V AC input, PSU supplied.
Power Consumption	38W max
Physical	
Dimensions	1 U high 19" rack mount. 445 x 45 x 360 (W x H x D mm)
Weight	6.5 kg (unit) 8 kg (shipping)
Enclosure / Colour	Rugged metal chassis in textured slate grey (rack ears supplied)
Environmental	
Operating Temperature	0°C to +40°C
Operating Humidity	90% relative humidity max, non condensing



16 way unit shown

Front panel



Rear panel



The manufacturer reserves the right to alter price or specification without prior notice.

Head Office:
Unit 1 Castle Hill, Horsfield Way, Bredbury
Park Industrial Estate, Stockport, Cheshire
SK6 2SU, UK.
Tel: +44 (0)161 406 6611
Fax: +44 (0)161 406 8988
sales@baxall.com support@baxall.com
www.baxall.com
www.baxallnetworks.com



Ref: 02/02

www.baxall.com