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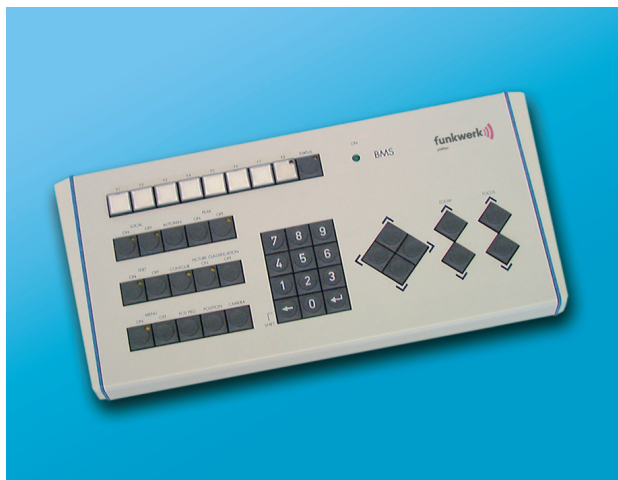
## Products of our professional CCTV system solutions



sigma-line

### BMS multi-system control keyboard

- Series of keyboards for camera operation and matrix control
- Patented pressure-sensitive keys giving variable speed pan/tilt head control
- Optional joystick
- Configures plettac electronics digital cameras
- Bus-interface for multiple keyboard networking
- Programmable function keys
- Optional flush-fitting workstation version



BMS multi-system control keyboard

### Description

The plettac electronics BMS control keyboard is a multi-functional device which can be used with different software packages for many different purposes. With BMS-BMK software and serial interfaces it can operate and configure digital cameras, including lens and pan/tilt control functions. Together with the BSW interface adapter the BMS keyboard can control a video-switcher, and the BMS-BVZ variant is used to control the VAZ 200/300 matrix.

### Speed control

Keys for right, left, up, down, focus and zoom are fitted with pressure sensors to provide an optional 7-step speed control function. The greater the pressure exerted on the key, the faster the movement of the pan/tilt head, dome or lens. A joystick extension is offered for the BMS-BMK 802 and the BMS-BVZ. There are additional cursor keys for the zoom/focus functions to provide even better operation for controllable cameras.

### Functional models

The following models are available:

**BMS-BVZ:** VAZ matrix operation; control keyboards are networkable (bus) so that several at a time can be linked via an RS-485 communication bus.

**BMS-BMK 801:** Operation and configuration of digital cameras, series FAC830/FA87

**BMS-BMK 802:** Operation and configuration of digital cameras, series FAC838/FA876 and earlier

**VS:** Variable speed for operating pan/tilt heads, domes and lenses, supplied as an option

**Joystick:** An optional joystick for variable speed control

### Camera configuration

This keyboard series is unique in its ability to directly configure plettac electronics digital cameras. Not only can individual parameters such as white balance, black level adjust, electronic shutter, and aperture be adjusted, but pre-programmed camera settings can also be called up from the user memory.

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Technical data				
Functional elements	Keyboard 44 mechanical keys (incl. pan/tilt head control)			
Pan/tilt control	8 keys with pressure sensors (7-speed for keyboards with variable speed VS)			
Operating indicators	Green LED for operating voltage/data traffic, 9 yellow LED status indicators in the keys			
Control interface	RS 485 - 4-wire for bus operation			
Socket connection	9 pin D-SUB-connector (Serial IN) 9 pin D-SUB-connector (Serial OUT)			
Switched output	Relay, changeover contact 1 x			
Max. switching power				
DC	30W			
AC	30 VA			
max. current	1 A			
max. voltage	30V			
Environmental data				
Operating voltage	230 VAC + 10 %/-15 %			
Power consumption	max. 16 W			
Operating temperature	0 °C to 45 °C			
Storage temperature	-40 °C to +70 °C			
Protection measures	Table power supply compliant with EN 60742/IEC 742			
Useful life of the keys	> 107 switch cycles			
Mechanical data	BMS control keyboard	BMK top cover	BVZ top cover	Joystick
Weight (kg)	2	0.5	0.5	0.4
Weight including packaging (kg)	2.5	1.0	1.0	0.9
Dimensions (mm; L x B x H)	330 x 175 x 55	300 x 150 x 20	300 x 150 x 20	126 x 175 x 110
Pack dimensions (mm; L x B x H)	350 x 255 x 110	350 x 255 x 110	350 x 255 x 110	540 x 220 x 220
Order numbers				
BMS multi-system control keyboard	943522170100			
BMS-BMK top cover	943522170200			
BMS-BVZ top cover	943522170300			
BMS-joystick SNK	943522170900			
BMS-joystick cursorkey SNK	949061140700			
BMS-keyboard mounting	G.XT 07-16			
BMS-joystick mounting	G.XT 02-57			
Software for BMS-BMK 801	G.XU 03-02			
Software for BMS-BMK 801/VS	G.XU 03-03			
Software for BMS-BMK 802	943523110700			
Software for BMS-BMK 802/VS	943523110800			
Software for BMS-BVZ	943523110500			
Software for BMS-BVZ/VS	943523110600			
Software for BMS-BVZ/VS-Joystick	943523110300			
Software for BMS-BMK 802/VS joystick	943523110300			

Subject to change without notice  
Technical status 01/2005  
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