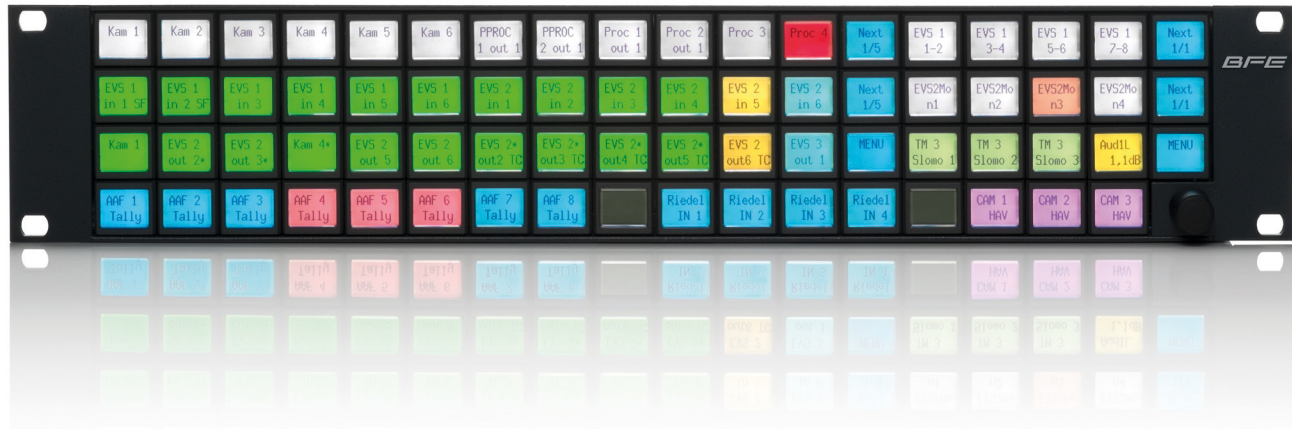


# KSC Control Panels

Flexible, dynamic and configurable for each customer



- **Quality** – Developed and made in Germany
- **Reliable** – For professional 24/7 use
- **Scalable** – Designed to adapt to your requirements
- **Intelligent** – Easy to control layout management with KSC CORE
- **Flexible** – Programmable display buttons for all functions
- **Compatible** – With all KSC CORE systems as well as other control systems

The **KSC Control Panels** benefit, as third generation devices, from the long-standing international BFE experience in the area of controls for the broadcasting and telecommunications market. **KSC Control Panels** are characterized by a long service life, reduced power consumption, and compact dimensions.

The new keys with brilliant LCD display are also guaranteed to have a long service life. These keys provide a great viewing angle with better contrast values and enable a compact control interface with up to 72 keys in 2 rack units. All control and display functions are comfortable and configurable online via KSC CORE or other control systems.

In addition to the LAN and USB port, new features include a freely configurable GPIO interface with 4 In/Out ports in each control panel.

**KSC Control Panels** provide operators with high tactile comfort for reliable and intuitive manual operation in all situations. The centralized process intelligence in KSC CORE allows for easy configuration and management with an easy to navigate user interface.

The individually configurability means there are no limits to the number of functional possibilities for assigning keys: Router control in any system sizes, control of audio/video parameters in an unlimited number, control of logical functions, and triggering presets are possible with the same control panel.

**KSC Control Panels** are available in different designs. 18 keys, 1 RU/19", 54 or 72 keys, 2 RU/19". Flat surface-mount modules with 18, 27, 36, or 45 keys can be mounted directly in front of vision mixers, for example.

All 19" control panels can be equipped as needed with a universal incremental encoder. One key is omitted when an incremental encoder is added.

**KSC Control Panels** are part of the KSC product line, and as such optimally satisfy the need for flexible and dynamic production and delegation processes in current and future operation. Continuity and innovation are our core values of the KSC product line - the solution for control and management applications in the broadcasting and telecommunications market.

## Key Features

- 1 RU/19", 18 keys, depth: 47 mm
- 2 RU/19", 54 / 72 keys, depth: 47 mm
- 1 RU control strip for flush surface installation with 18/27/36/45 keys and table-top control panels
- Individually-programmable, high-res LCD keys with high viewing angle
- Universally applicable for control functions (router / level control / etc.)
- 4 configurable GPIO interfaces
- Local configuration menu
- Display of internal device temperature
- Adjustable brightness of the keys
- Auto dimm and auto sleep mode
- Multiple virtual control panels representable on a physical device
- Graphical key functions supported
- Fully user configurable
- One USB 2.0 (type A) port for peripherals
- Low power consumption of 6 or 20 watts
- Central power supply available or desktop power supply with mechanical connection latch
- Lightweight design (1.0/ 1.6 kg)
- Covered by SLA program

## Application Areas

- Audio/video production areas
- OB vans
- Master control rooms / playout centers
- Network operations Centers (NOC)
- (Industrial) control rooms
- Situation rooms

# KSC Control Panels

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BD72-IS/Z2



BD54-IS/Z2



BD18-IS/Z1



BD36-IS/AB



BD36-IS/T1

## Ordering Information

### HD IS Control Panels

- BD18-IS/Z1 .....Control panel with 18 IS LCD keys, 1 RU/19"
- BD18-ISP/Z1 .....Control panel with 17 IS LCD keys, 1 incremental encoder, 1 RU/19"
- BD54-IS/Z2 .....Control panel with 54 IS LCD keys, 2 RU/19"
- BD54-ISP/Z2 .....Control panel with 53 IS LCD keys, 1 incremental encoder, 2 RU/19"
- BD72-IS/Z2 .....Control panel with 72 IS LCD keys, 2 RU/19"
- BD72-ISP/Z2 .....Control panel with 71 IS LCD keys, 1 incremental encoder, 2 RU/19"
- BD72-ISP4/Z2 .....Control panel with 68 IS LCD keys, 4 incremental encoders, 2 RU/19"
- BD18\*-IS/AB .....Control panel for flush surface mounting with \*(27/36/45) 18, 27, 36, or 45 IS LCD keys, 1RU height and 483 / 694 / 904 or 1115 mm width
- BD36-IS/T1 .....Table-top control panel with 36 IS LCD keys, panel enclosure with metal or wood front frame

(all control panels with LAN, USB, GPIO, and 24 V connection)

### Power Supply

- NG-007 ..... Table power supply for all control panels, 90 - 230 VAC input, 24 VDC output

## Service

Extensive support for hardware and software through professional service level agreements. Please ask for our customer specific versions, tailored to your needs.

BFE Studio und Medien Systeme GmbH is an international manufacturer and system integrator for the professional media and broadcast solutions based in Germany.

For further information visit us at [www.bfe.tv](http://www.bfe.tv).

Errors and omissions excepted. All specifications are subject to change without notice.

## Technical Data

### Enclosure

Control panel..... See selected model design  
Color of front panel ..... RAL7035, other colors on request  
Dimensions ..... 19", 1 RU or 2 RU and special designs

### Electrical Data

Operating voltage ..... 24 VAC +/- 10% DC  
Power consumption..... Depends on type

### Ambient Operating Conditions

Operating temperature . 0 to +45 °C  
Storage temperature ..... -10 to +70 °C  
Relative humidity ..... 30% to 90%  
Cooling ..... Convection cooling

### Interfaces / Ports

Network interface ..... 10/100 Mbit Ethernet (RJ45)  
Service interface..... RS-232 port (RJ11)

### System Requirements

Control System (e.g. KSC CORE)

### Reseller



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