KSC Series of Intelligent Switch 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 control layout management with KSC Commander
Flexible – Programmable display buttons for all functions
Compatible – With all KSC Commander systems

The new BFE series of IS control panels benefits as third generation devices from the long-standing international BFE experience in the area of controls for the broadcasting and telecommunications market. The newly developed IS 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 the KSC Commander.

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.

The new IS control panels provide operators with high tactile comfort for reliable and intuitive manual operation in all situations. The centralized process intelligence in KSC Commander 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.

The IS control panels are available in different designs. 18 keys, 19”/1RU, 54 or 72 keys, 19”/2RU. 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.

The KSC series of IS control panels is the KSC product line for current and future operation sequences, optimally satisfying the need for flexible and dynamic production and delegation processes. 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
- 1RU/19” with 18 keys, installation depth of 47 mm
- 2RU/19” with 54 or 72 keys, installation depth of 47 mm
- 1RU control strip for flush surface installation with 18/27/36/45 keys and table-top control panels
- New, individually-programmable, high-resolution LCD keys with high viewing angle
- Universally applicable for router control, level control, and all other control functions
- Four configurable GPIO interfaces per control panel
- Local configuration menu for device setup
- Optional display of the 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
- Particularly lightweight design of only 1.0 / 1.6 kg
- Covered by SLA program

Application Scope
- Any kind of A/V post-/production facility
- OB vans
- Studio environments
- Master control rooms
- Playout centers
- Network Operations Center (NOC)
- Control stations and monitoring centers
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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(27/36/45)-IS/AB** – control panel for flush surface mounting with 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)

Enclosure

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

Electrical Data

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

Ambient Operating Conditions

- Temperature range
- 0 to 45 °C/-10 to 70 °C (storage temperature)
- Relative humidity
- 30% to 90%
- Cooling
- convection cooling

Interfaces/Ports

- Network
- 10/100 Mbit Ethernet (RJ45)
- Service interface
- RS-232 port (RJ-11)

System Requirements

- KSC Commander

Service

Professional Service Level Agreements are also available upon request. Please ask for customized grades which best fit your needs.

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

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

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