KSC Core Control Panels

Flexible, dynamic and customizable



- **Quality** – Development and production in Germany
- **Reliable** – For professional 24/7 use
- **Scalable** – Individual adaptation to your requirements
- **Intelligent** – Simple operating layout management in KSC CORE
- **Flexible** – Programmable display keys for all functions
- **Compatible** – For all KSC CORE systems and other control systems

Now in their third generation, **KSC control panels** benefit from BFE's many years of international experience in the control sector for the broadcast and telecommunications market. The **KSC control panels** are characterized by a long service life, reduced power consumption, and compact dimensions.

The new keys with brilliant LCD display also guarantee a long service life. The keys offer a large reading angle with better contrast values and enable a compact user interface with up to 288 keys in 8 height units. All operating and display functions can be conveniently configured online via KSC CORE or other control systems.

In addition to the LAN and USB port, a freely configurable GPIO interface with 4 in/out ports is also included in every control panel. **KSC control panels** offer the operator a high level of tactile comfort for safe and intuitive manual operation in all situations. The centralized process intelligence in KSC CORE enables easy configuration and management via the user-friendly user interface.

Thanks to the individual configurability, the functional options for button assignment are unlimited: crossbar control in any system size, control of an unlimited number of audio/video parameters, control of logical functions and the triggering of presets are all possible via the same control unit.

KSC control panels are available in different designs:

1 RU/19"	with 9, 18 or 36 keys
2 RU/19"	with 54 or 72 keys
4 RU/19"	with 144 keys
Table installation	with 9, 18, 27, 36, 45, 216 or 288 keys
Table installation vertical	with 18 and 27 keys
Table top	with 36 keys

Various 19" control panels (18, 36, 54, 72) can also be equipped with a universally usable incremental encoder if required. When using an incremantal encoder, one key is omitted in each case.

With **KSC control panels**, the KSC product line is optimally positioned for current and future operating processes with the demand for flexible and dynamic productions and delegations. Continuity and innovation are the core values of the KSC product line - the solution for control and management applications in the broadcast and telecommunications market.

Key Features

- 1 RU/19" with 9/18/36 keys, depth 54 mm
- 2 RU/19" with 54/72 keys, depth 54 mm
- 1 RU operating strips for table installation with 9/18/27/36/45 keys and table-top control panels
- Individually programmable, high-res LCD keys with high reading angle
- Universally applicable for operating functions (crossbar / level control / etc.)
- 4 configurable GPIO interfaces
- Local device configuration menu
- Internal appliance temperature display
- Adjustable key brightness
- Auto-dim and auto-sleep mode
- Multiple virtual control panels representable on a physical device
- Support for graphic key functions
- Freely configurable by the user
- One USB 2.0 (type A) port for expansion devices
- Low power consumption of 6 / 20 W
- Central power supply unit available or desktop power supply unit with mechanical connection interlock
- Particularly lightweight design of 1.0 / 1.6 kg
- Coverage through SLA program

Application Areas

- Audio / video production environment
- OB vans
- Control rooms / transmission processing
- Network operations Centers (NOC)
- Control centers / industrial control rooms
- Situation centers

KSC Core Control Panels

Flexible, dynamic and customizable

BD54-IS/Z2



BD72-IS/Z2



BD36-IS/T1



BD36-IS/AB



BD18-IS/Z1



Order information

- BD9-IS/Z1 ..... Control panel with 9 LCD keys 1 RU/19”
- BD18-IS/Z1 ..... Control panel with 18 LCD keys 1 RU/19”
- BD18-ISP/Z1..... Control panel with 17 LCD keys, 1 incremental encoder, 1 RU/19”
- BD36-IS/Z1 ..... Control panel with 36 LCD keys 1 RU/19”
- BD36-ISP/Z1..... Control panel with 35 LCD keys, 1 incremental encoder, 1 RU/19”
- BD54-IS/Z2 ..... Control panel with 54 LCD keys, 2 RU/19”
- BD54-ISP/Z2 ..... Control panel with 53 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”
- BD144-IS/Z4 ..... Control panel with 144 LCD keys, 4 RU/19”
- BD9*-IS/AB ..... Control panel for desktop installation with *9/18/27/36 or 45 LCD keys, 1RU height and 269/483/694/904 or 1115 mm width
- BD18-IS/ABH ..... Vertical control panel with 18 LCD keys, 1 RU width and 483 mm height
- BD27-IS/ABH ..... Vertical control panel with 27 LCD keys, 1 RU width and 649 mm height
- BD36-IS/T1 ..... Table-top control panel with 36 LCD keys, console housing with metal or wooden front frame
- BD36-ISP/T1..... Table-top control panel with 35 LCD keys, 1 incremental encoder, console housing with metal front frame
- BD216-IS/SO ..... Control panel for table installation with 216 LCD keys, 669 mm width, 199 mm height, 60 mm depth
- BD288-IS/SO ..... Control panel for table installation with 288 LDC keys, 466 mm width, 367 mm height, 65 mm depth

Technical data

Power supply unit

- NG-007..... Desktop power supply unit for control panels with 9 to 144 LCD keys, 90-230 VAC input, 24V/2.7A/65W DC output
- NG-009..... Desktop power supply unit for control panels with 216 and 288 LCD keys, 90-230 VAC input, 24V/5.0A/120W connection: IEC 60320-C13/C14

Housing

Control unit.....	See selected model version
Front panel color.....	RAL7016, other colors on request
Dimensions	19”, 1 RU, 2 RU or 4 RU and special designs

Electrical data

Operating voltage.....	24 VDC +/- 10% DC
Power consumption	Depending on type

Ambient 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)
GPIO interface.....	4 In/Out
USB interface	USB 2.0 (type A)

System Requirements

Control System	e.g. KSC CORE

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.ksc-systems.com.

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

BFE Studio und Medien Systeme GmbH
An der Fahrt 1 · D-55124 Mainz
Germany

Phone +49 6131 946 0
info@bfe.tv

BFE Studio und Medien Systeme GmbH
Quellenstraße 2 · A-1100 Vienna
Austria

Phone +43 1 60828 0
bfe.wien@bfe.at

Reseller

BFE KSC ControlPanels V4 EN-VS © BFE Studio und Medien Systeme GmbH