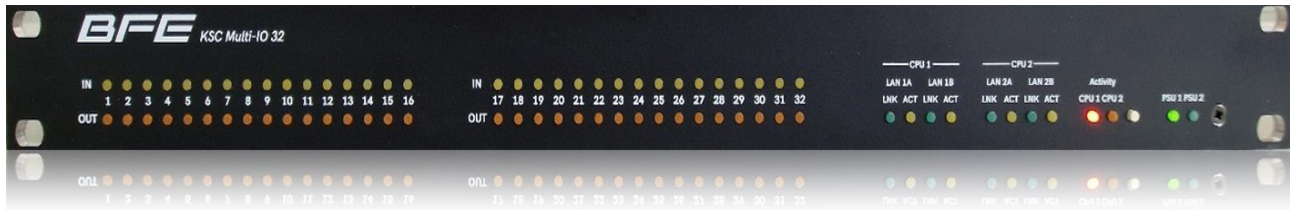




KSC Core Multi-IO

Flexible, dynamic and customizable



- **Quality** development and production in Germany
- **Reliable** for professional 24/7 use
- **Intelligent** simple operating layout management in **KSC CORE**
- **Security** redundant ARM-based control computer
- **Compatible** for all **KSC CORE** systems and other control systems

The **KSC Multi-IO** consists of a redundant ARM-based control computer that can be controlled, monitored and, if necessary, switched over by higher-level services. Switching can also be carried out manually on the device using a recessed button. A GPI-IO controller with 32 (64 or 128) inputs/outputs and a device server with 6 serial RS232/422 interfaces are controlled.

Both **computer modules** (CPU1, CPU2) each have **2 LAN interfaces**, whose LAN status information is displayed on the front. Which of the two computer modules is currently active is indicated by one of the two CPU activity LEDs (orange). A recessed button can be used to manually switch to the other computer module. The status (green) of the redundant power supply **PSU1** and **PSU2** is also displayed. The inputs and outputs of the GPI-IO sockets are indicated by LEDs in the groups **IN** (yellow) and **OUT** (orange).

At the rear, the bottom row is identical for all **3 models**. The two sockets for the redundant power supply are located on the left-hand side. They are compatible with the power supply units of the operating devices from our company.

The first two sockets in the RJ-45 block are the LAN interfaces for the first computer, followed by the service interfaces, which can only be controlled with RS232 level.

A device server process on the computer cards serves the serial interfaces SER1 to SER6 as so-called COM-port mappings.

The interfaces can be completely remotely configured by software from a controlling computer, including switching from **RS232** to **RS422**.

This is followed by the two LAN sockets of the second computer. The 25-pin DSUB sockets each accommodate 4 inputs and 4 outputs. The inputs are designed as constant current inputs with optocouplers and do not need to be adapted to different input voltages. The outputs are designed as solid-state relays and are therefore absolutely noiseless.

The **KSC Multi-IO** is supplied as standard with an ALU front panel in RAL9005 anodized with bright lettering and 2x NG-007 desktop power supply units 90-230V AC IN / 24V DC OUT 65Watt.

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

KSC-Multi_IO-32/Z1

- Article no. 490660
- 1 RU/19", Depth 180 mm
- 32x GPIO IN/OUT
- 6x Serial IO
- 32x Input status displays
- 32x Output status displays

KSC-Multi_IO-64/Z2

- Article no. 490661
- 2 RU/19", Depth 180 mm
- 64x GPIO IN/OUT
- 6x Serial IO
- 64x Input status displays
- 64x Output status displays

KSC-Multi_IO-128/Z3

- Article no. 490662
- 3 RU/19", Depth 180 mm
- 128x GPIO IN/OUT
- 6x Serial IO
- 128x Input status displays
- 128x Output status displays

Secondary supply (PSU1, PSU2) NG-007

- Article no. 400897
- 90 - 230 VAC AC
- 24V DC
- IEC plug IEC-60320C14

Application Areas

- A/V production environments
- OB vans
- Control rooms/ playout centers
- Network operation centers (NOC)
- Control centers/industrial control rooms
- Situation centers

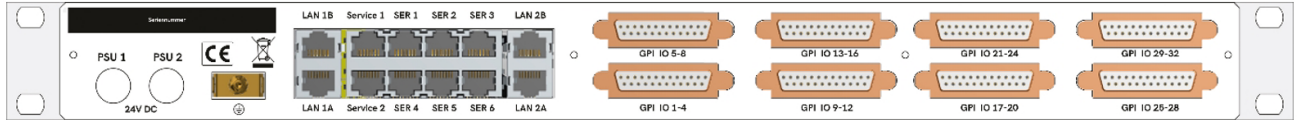


KSC Core Multi-IO

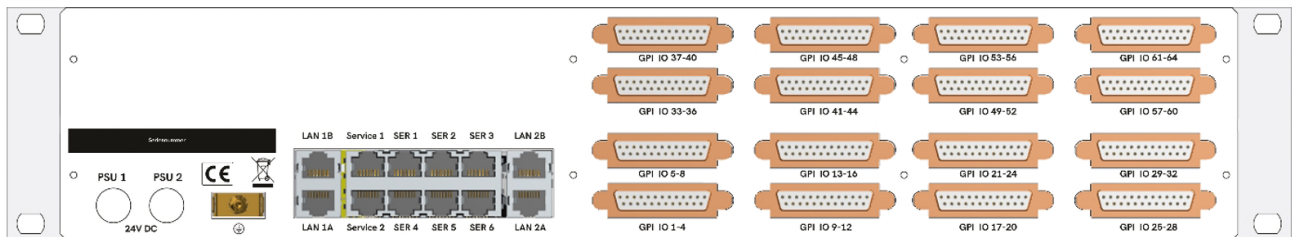
Flexible, dynamic and customizable

Rear views

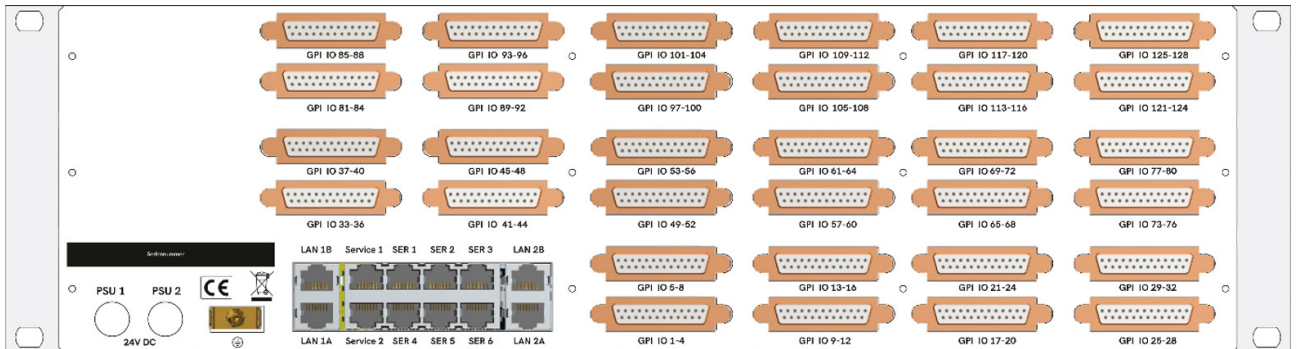
KSC Multi-IO 32/Z1



KSC Multi-IO 64/Z2



KSC Multi-IO 128/Z3



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.

Reseller

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

Phone +49 6131 946 0
Fax +49 6131 946 111

info@bfe.tv

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

Phone +43 1 60828 0
Fax +43 1 60828 302

bfe.wien@bfe.at