

wiring & accessories

WIRING

SAS makes studio and TOC wiring easy. Router and RIOLink audio I/O, opto/relay, and serial control lines terminate in high-density EURO or RJ21 connectors on the rear panel.

Krone Blocks

The SAS-standard wiring system utilizes a special version of the ADC/Krone Series 2 K110 Blocks. The SAS/Krone block is equipped with two industry-standard RJ21 connectors wired with an internal CAT5 twist to the IDC terminals to maintain impedance integrity necessary for AES/EBU digital audio. The 89D mounting bracket is included.

These blocks provide far better performance over older 66-type blocks, with twice the density. One unique feature is the center disconnect port, which makes the Krone block a fully-functional patch field. A range of Krone test plugs and cables allow bridging or breaking of the connection for testing, monitoring, and jumpering, without removing any wires.

The silver-plated 45°-angle IDC is designed to reduce wire stress, deliver a gas-tight connection, and provides a stronger, more reliable hold. It accepts two conductors of 20-26 AWG solid or stranded wire. Connections are guaranteed for greater than 200 re-terminations.

The blocks snap easily onto standard 89D brackets, and the blocks can then be mounted directly to a wall or on Krone mounting frames.



StudioHub

Radio Systems offers a complete range of StudioHub products and wiring solutions for SAS 32KD and RIOLink. For more information, contact Radio Systems at www.studiohub.com.



Cables

SAS provides cables in any custom length to interconnect the rear of the 32KD or RIOLink to the Krone blocks.

The 32KD uses high-density 96-pin Euro connectors for analog audio and serial data, and 50-pin RJ21 connectors for digital audio. The RIOLink uses 50-pin RJ21 connectors for all interconnect.



Cable, Euro to two RJ21 connectors:

32KD KAI-16,
use one cable and one SAS/Krone block per card

32KD KAO-16,
use one cable and one SAS/Krone block per card

32KD DRC-16E,
use one cable and one SAS/Krone block per card

Cable, RJ21 180° to RJ21 90°:

32KD KDI-16,
use one cable and 1/2 SAS/Krone block per card

32KD KDO-16,
use one cable and 1/2 SAS/Krone block per card

RIOLink Audio In (analog or digital),
use one cable and 1/2 SAS/Krone block per card

RIOLink Audio Out (analog or digital),
use one cable and 1/2 SAS/Krone block per card

RIOLink RS485, use one cable and 1/2 SAS/Krone block per RIO

RIOLink GPI (opto), use one cable and 1/2 SAS/Krone block per RIO

RIOLink GPO (relay), use one cable and 1/2 SAS/Krone block per RIO

ACCESSORIES

GPI-1600

1 RU Remote Control interface panel with 16 optically-isolated DC inputs and 16 relay-isolated outputs that are used for a variety of control functions: machine control, on-air light switching, radio keying, and much more. The GPI-1600 interfaces via RS485 serial to the router's DRC remote control module or to one of the RIOLink's RS485 ports.



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