

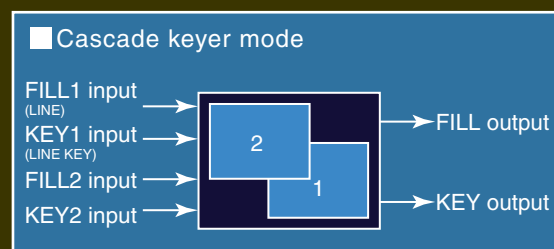
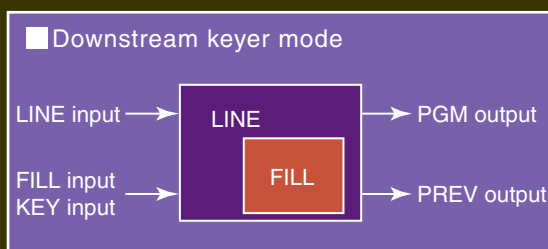
HD/SD Digital Super Keyer

DSK-70HS

This compact and lightweight multi-format digital super keyer supports both HD and SD signal formats using one line input channel and one title input channel.



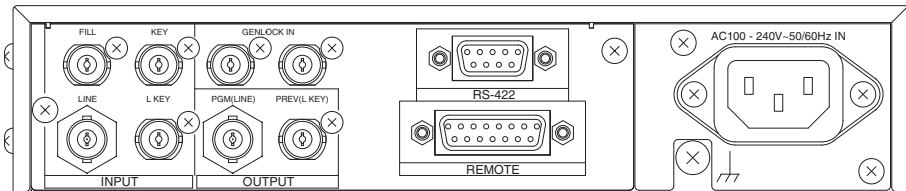
- Video input signals in both the HD and SD formats are supported.
- Either the downstream keyer mode (DSK) or cascade keyer mode can be selected as the operation mode setting. (By setting the mode, the PGM and PREV outputs or the FILL and KEY outputs can be switched.)
- Local operations using the front panel controls and serial control using GPI and RS-422 facilities can be performed.
- The selection of tri-level sync or B.B. signal input is enabled by the gen-lock function.
- As Emergency through output, LINE input can be bypassed to PGM output.



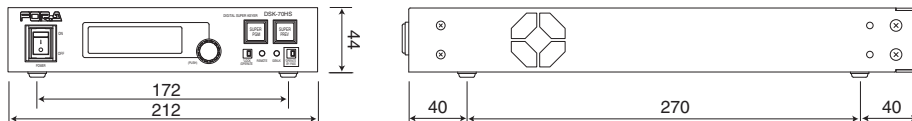
Specifications

Standard	
HDTV	1080/59.94i, 1080/50i (Internal switch)
SDTV	525/60, 625/50 (Internal switch)
Video Input	
LINE input	HD SDI, 1.485/1.001Gbps or Digital Component, 270Mbps, 75Ω, 1ea., BNC
LINE KEY input	HD SDI, 1.485/1.001Gbps or Digital Component, 270Mbps, 75Ω, 1ea., BNC
FILL input	HD SDI, 1.485/1.001Gbps or Digital Component, 270Mbps, 75Ω, 1ea., BNC
KEY input	HD SDI, 1.485/1.001Gbps or Digital Component, 270Mbps, 75Ω, 1ea., BNC
Video Output	
PGM(FILL) output	HD SDI, 1.485/1.001Gbps or Digital Component, 270Mbps, 75Ω, 1ea., BNC
PREV(KEY) output	HD SDI, 1.485/1.001Gbps or Digital Component, 270Mbps, 75Ω, 1ea., BNC
Genlock Input	Tri-sync, ±0.3Vp-p or B.B., 0.429(0.45)Vp-p, 75Ω or loopthrough, 1ea., BNC
Processing	4:2:2:4 Component
Sampling Frequency	
HDTV	Y: 74.25/1.001MHz, C: 37.125/1.001MHz, KEY: 74.25/1.001MHz
SDTV	Y: 13.5MHz, C: 6.75MHz, KEY: 13.5MHz
Quantization	10bit
I/O Delay	6.2μsec or less
KEY Mode	Normal mix, Additive mix
KEY Type	External key, Self key
Linear Key / Luminance Key Setting	Key Clip: 0% - 100%, Key Gain: Maximum 20X
Interface	GPI: 1ea., 15-pin D-sub (female), RS-422: 1ea., 9-pin D-sub (female)
Temperature / Humidity	5°C - 40°C / 30% - 90% (no condensation)
Power / Consumption	100VAC - 240VAC±10% 50/60Hz / 50VA
Dimensions / Weight	212(W) x 44(H) x 350(D)mm / Approx. 3kg
Option	Single mount or dual mount rack brackets, DSK-RU: Remote Control Unit, PC-3018-1: DSK-RU connecting cable, DSK-7EG: Edge board

Rear Panel



External Dimensions



Remote Control Unit DSK-RU



- Transition (CUT, MIX) ON/OFF switch fits in the palm of a hand.
- Dimensions:
40(W) x 32(H) x 100(D)mm
- Weight: 120g

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