

Hotronic AV61

SPECIFICATIONS

DIGITAL SDI/AES/EBU I/O

Resolution

24 bit Video SMPTE259M

24 bit Audio AES/EBU

Recording time

From 20 minutes to 10 hours

Residual jitter

Less than 600ps

Digital Proc Amp

Video level more than ± 3 db

Chroma level more than ± 3 db

Chroma phase more than ± 15

Set-up more than ± 15 IRE

Legalizer

built-in

Digital Video I/O

SDI (BNC)

Optional embedded signal (BNC)

Digital audio level control

± 12 dbu; 4 channels

Digital audio input

accepts 33.1 KHz

44.1 KHz

48 KHz

96 KHz

Digital audio output

AES/EBU (XLR)

ANALOG I/O

Video input

NTSC or PAL with

or without time base error

Composite BNC or Y/C connector

Bandwidth

flat to 6 MHz

Differential gain

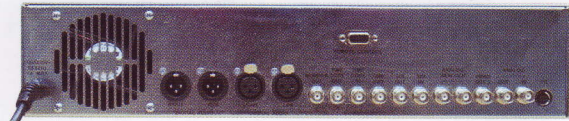
Less than 1%

Differential phase

Less than 1 degree

Signal to Noise Ratio

58db (p-p signal to RMS noise)



K factor

(2T) 1%

Gen-lock range

NTSC or PAL

more than 3 microseconds

Audio I/O

XLR 2 Channel

Resolution

24 bit

Signal to Noise Ratio

More than 80db

Distortion

0.01% (with 30KHz filter on)

Head room

20db

Bandwidth

20Hz to 20KHz ± 0.5 db

PHYSICAL

Size

19" W x 3-1/2" H x 18" D Rackmountable

Power

Less than 100 W

Weight

20-25 lbs.

Ambient Temperature

10°-40° operating

MODELS

AV61

Composite, Y/C In/Out

2 channel audio (XLR) Analog

up-gradable to more features

AV61-G

All AV61 features plus Gen Lock

and Proc Amp

AV61-GD

All AV61-G features plus SDI In/Out

and AES/EBU in/out

*Specifications subject to change
without notice.*