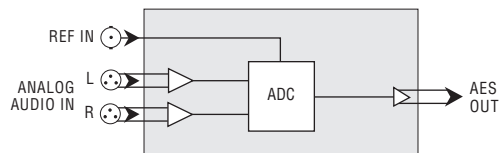


# ASD-771p

Analog to AES audio (75 ohm / 110 ohm)

The ASD-771p is a 24 bit/48 kHz analog to digital audio converter. An external reference input allows the output to be synchronised to composite video, AES-3id Digital Audio Reference (DARS) or Word Clock signals. A choice of three full scale levels (+20/+22/+24 dBu) of input signals is possible. The ASD-771p is ideal for audio monitoring and desktop system applications.



ASD-771p Functional Block Diagram

## ORDERING INFORMATION

ASD-771p/75	Analog to 75 ohm AES/EBU digital converter
ASD-771p/110	Analog to 110 ohm AES/EBU digital converter

## Accessories

LKS-WSU	Power supply for 110 V or 220 V
pL-Tray	40 W rack mounted tray for up to 10 picoLinks
pico-PA	12 V to 5 V power adaptor



## TECHNICAL SPECIFICATIONS

### INPUT

Signal:	Balanced analog stereo audio
Impedance:	15 kohm
Max. level:	+24 dBu
Ext. ref:	SMPTE 170M/PAL ITU-R BT.470-6/AES3-3id DARS (48 kHz) or Word Clock (48 kHz)
Connector:	75 ohm BNC, XLR (2)

### OUTPUT (ASD-771P/75)

Signal:	AES-3id (75 ohm) (SMPTE 276M) or S/PDIF
Level:	1.0 Vp-p $\pm$ 10 %
Connector:	75 ohm BNC

### OUTPUT (ASD-771P/110)

Signal:	AES3 (110 ohm)
Level:	3.8 Vp-p
Connector:	110 ohm XLR

### PROCESSING PERFORMANCE

Quantization:	24 Bits, 48 kHz
SNR:	>105 dB (a weighting)
Distortion:	<-85 dB @ 1 kHz
Crosstalk:	<-100 dB @ 15 kHz
Freq. response:	$\pm$ 0.2 dB (20 Hz to 20 kHz)
Processing delay:	700 $\mu$ s
Tone generator:	1 kHz sine wave (-18dBFS)

### ELECTRICAL

Voltage:	5 VDC
Power:	2.5 W