

DMIX-41

4-Channel Digital Audio
Mixer & Sample Rate
Converter



The DMIX-41 no frills, affordable, four-channel digital mixer and audio source selector combines up to four AES inputs, transparently and cost-effectively, onto a single AES output. Inputs may be individually enabled or disabled remotely. When equipped with optional sample rate converters, the DMIX-41 can combine AES inputs with different sample rates. Use the DMIX-41 to pre-select and/or combine sources to expand the input capability of any digital audio console or recorder. Affordable. Versatile. The DMIX-41 is the price-performance leader.

DMIX-41 MODELS		
Number of Sample Rate converters	XLR Inputs	BNC Inputs
0	DMIX-41/A0	DMIX-41/B0
4	DMIX-41/A4	DMIX-41/B4

NAB-97 Pick Hit Awards
Awarded to
Graham-Patten SoundPals
for

Outstanding Technical Achievement

Features:

- **Optional remote selection of inputs to be mixed and timing master**
- **User selection of 20-bit or 24-bit processing**
- **Always active balanced and unbalanced outputs**
- **Continuous display or status of inputs via LED indicators**
- **Terminating or bridging inputs**
- **Compact size:
5.2"W x 1.62"H x 6.625"D
(15.2 x 4.1 x 16.8 cm)
less connectors**

**Now!
7 Year
Warranty
on
SoundPals**

GRAHAM-PATTEN

The sound choice.

TECHNICAL DATA

Dynamic Range:	138 dB (24-bit processing w/o SRCs)
	120 dB (24-bit processing w/ SRCs)
	120 dB (20-bit processing w/o SRCs)
	118 dB (20-bit processing w/ SRCs)
Remote	High logic level > 4V @ < .5mA
	Low logic level < 1V @ < 2.5mA
Power:	300mA @ 6Vdc

OPTIONS

- 4 Sample Rate Converts available (SRCs)
- 44.1 kHz Default reference rate
- RT-2 1RU rack tray for mounting up to 3 units with power supply
- PSU-1 90-260V 50/60Hz in-line power supply with detachable IEC power cord



INPUTS & OUTPUTS

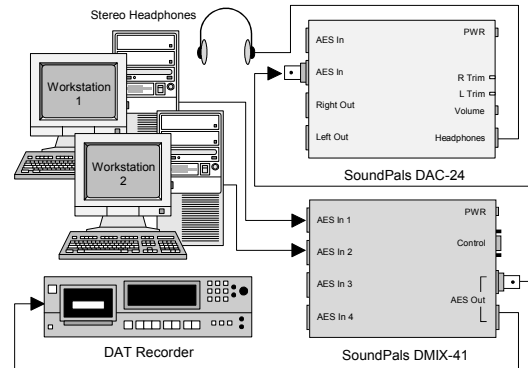
- Four AES inputs on XLR connectors
- One AES output on XLR and one DATS output on BNC connectors

Your local Graham-Patten Distributor:

DMIX-41 Digital Audio Mixer & Sample Rate Converter

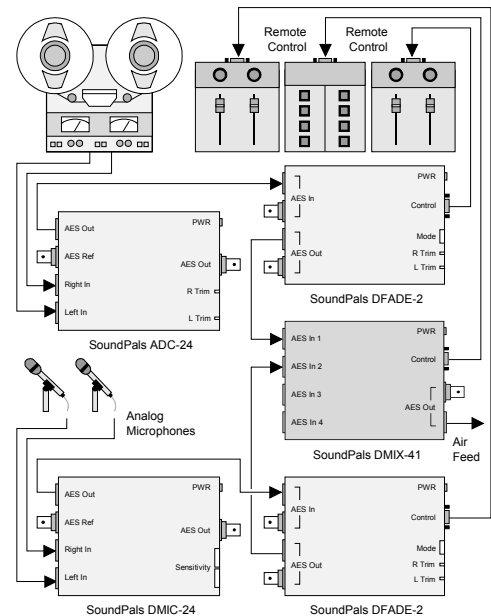
APPLICATION DIAGRAMS

There are many uses for SoundPals in music recording, radio or television broadcasting, DVD/CD/CR-ROM mastering, and video production and post-production.



DMIX-41 USED IN CONJUNCTION WITH OTHER SOUNDPALS

In this application, digital audio from two workstations is combined, mixed in the DMIX-41, and recorded on DAT. The DAC provides monitoring capability. Remote switching is not required. If the DMIX is equipped with sample rate converters, inputs can be asynchronous. If not, all inputs must be synchronous.



In this application, SoundPals are combined in a sub-mix configuration. A CD player feeds a DFADE for level control, and then a DMIX for mixing. Dual mics are converted to digital, routed to a DFADE for level control, and then to DMIX. One DMIX output provides a digital feed, while the other is converted to analog using a DAC, so the mix is simultaneously provided in both analog and digital formats.