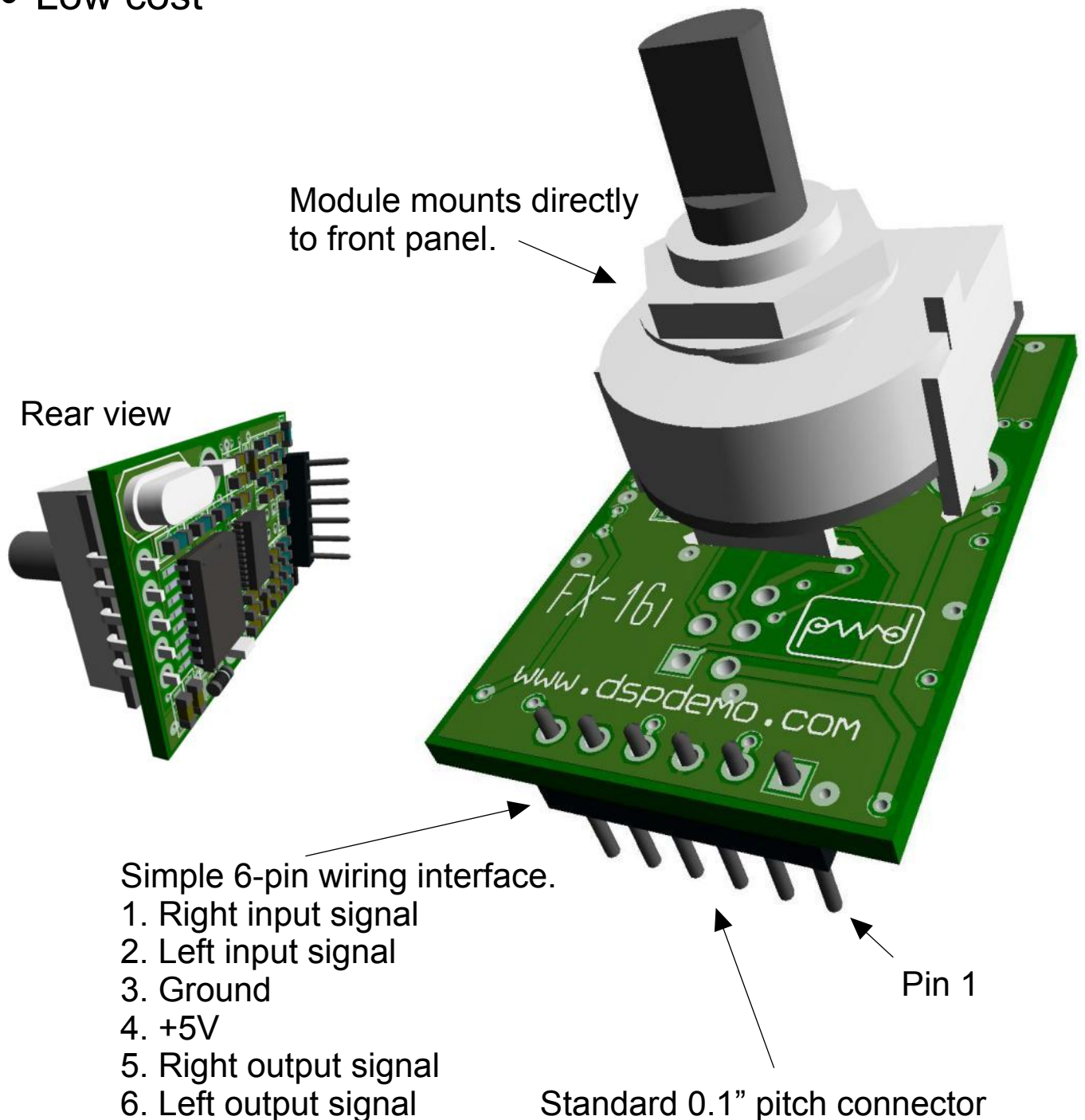


Introducing **FX16i**

- 16 x custom 24-bit DSP effects
- Small footprint - only 1" x 1.5" module
- Easy integration into products
- Low cost



Example DSP effect presets demonstrated online at:
www.pwdsp.com

Electronic specification on following page:

FX16i PRELIMINARY SPECIFICATION

Power Supply	+5V	75mA
Resolution	24-bit	
Sample Rate	48kHz	
Gain	-6dB	
Maximum Input Signal	+9dBu	(2V RMS)
Maximum Output Signal	+3dBu	(1V RMS)
THD	0.003%	@ +4dBu Input
THD+N	0.004%	@ +4dBu Input
Dynamic Range ADC	105db	typ A-wtd
Dynamic Range DAC	105dB	typ A-wtd
Dynamic Range (thru)	98dB	typ A-wtd
Noise Floor	-95dBu	typ A-wtd
Frequency Response	+/- 1dB	20Hz ~ 20kHz

EFFECTS LIBRARY

FX16i can be custom programmed with any 16 effects from the library demonstrated at www.pwdsp.com

APPLICATION NOTES

Please note that the FX16i is an effects only module, which means the output signals of the FX16i are effects only, and do not include the original source signal.

So for best quality audio effects the output signals should be mixed with the original source signal via a level control.

This will provide the end user with fine detailed control of the final effect sound.

Example schematic:

