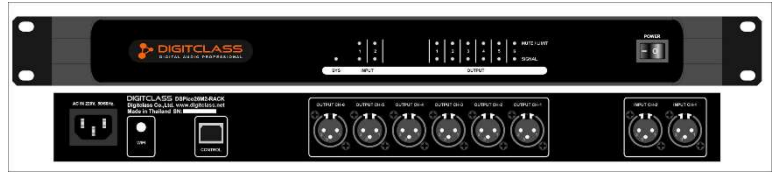


## Overview

2 Analog inputs, 6 Analog outputs Speaker Processing.



## Features

- All of the functionality required for most speaker processing applications in a compact 1U unit.
- 2 Analog inputs and 6 Analog outputs.
- 31 band parametric equalization per input channel and 15 band parametric equalization per output channel.
- An impressive array of built-in functions: gain, mute, phase, delay, PEQ, FIR, crossover, RMS dynamics, Peak dynamics, and input / output matrix mixing.
- Complete user interface integrated into DSPico software running on a personal computer.
- Wi-Fi and Ethernet for control and monitor in real time with personal computer or smartphone.
- 10 user programmable presets for instant recall.
- Plug and play, zero network configuration.

## Specifications

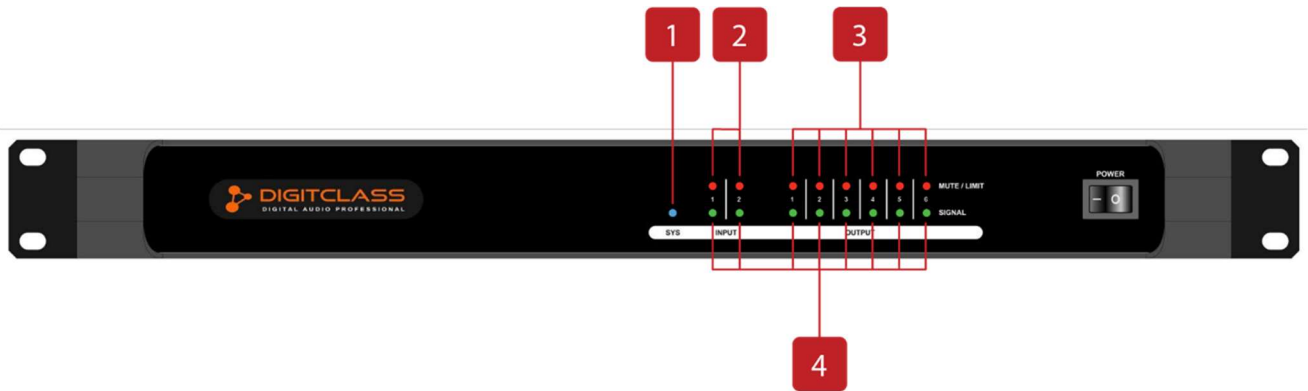
### General Specifications

Analog Inputs	Number of Inputs	2 inputs
	Connectors	2 female XLR line inputs
	Type	Electronically balanced/RF filtered
	Impedance	20k $\Omega$ (Balance), 10k $\Omega$ (Unbalance)
	Max Input Level	+20 dBu
Analog Outputs	Number of Outputs	6 outputs
	Connectors	6 male XLR line outputs
	Type	Electronically balanced, RF filtered
	Impedance	120 $\Omega$
	Max Output Level	+24 dBu
Analog to Digital Converter (A/D)		32 bit high-performance 2 channels, sample rate supports up to 768 kHz
Digital to Analog Converter (D/A)		32 bit high-performance 6 channels, sample rate supports up to 768 kHz
Remote Control		RJ45 10/100 Bast-T Ethernet and 2.4GHz Wi-Fi antenna
Indicators	Brightness adjustable	
	SYS (user adjustable, default: green + white)	
	SIGNAL (> -96dBfs: green, > -18dBfs: yellow, clip: red)	
	MUTE / LIMIT (mute: red, limit: yellow)	
Frequency response		20 Hz – 20 kHz (+/- 0.5 dB)
THD+N		< -100dB @ 1kHz
Software features	Controlling multiple devices	
	Real-Time Monitoring	
	Grouping and Presets	
	Firmware is upgradable over network	
	Plug and play, zero network configuration	
Presets		10 user presets
DSP features	Sample Rates / Bit depth	48 kHz / 32 bits
	Dynamic Range Processing	Peak and RMS each output (Compressor / Limiter / Expander / Noise Gate)
	Delay	200ms at each input and 30ms at each output
	Input EQs	31x IIR-EQs with High-Shelf, Low-Shelf, High-Pass, Low-Pass, Band-Pass, Notch, Peak
	Output FIR filter	512 taps at each output
	Output EQs	15x IIR-EQs with High-Shelf, Low-Shelf, High-Pass, Low-Pass, Band-Pass, Notch, Peak
	Output crossovers	2x crossover filters up to 48dB / octave (Bessel, Butterworth, Linkwitz-Riley) • <b>Bessel:</b> 6,12,18,24,30,36,48dB / octave • <b>Butterworth:</b> 6,12,18,24,30,36,48dB / octave • <b>Linkwitz-Riley:</b> 12,24,36,48dB / octave
	Input Source Select	2 sources
	Input Routing / Matrix mixing	2x6 with addition / subtraction

	Output Routing / Matrix mixing	6x6 with addition / subtraction
	Input/ Output	Level, Mute, Gain, Phase inversion
Power Supply	Operating Voltage	85-240 VAC 50/60 Hz
	Power Consumption	30 Watts (max)
Dimensions (W x H x D)	4.4cm (H) x 21cm (D) x 48cm (W)	
Net Weight	4.1 lbs. (1.9 kg)	

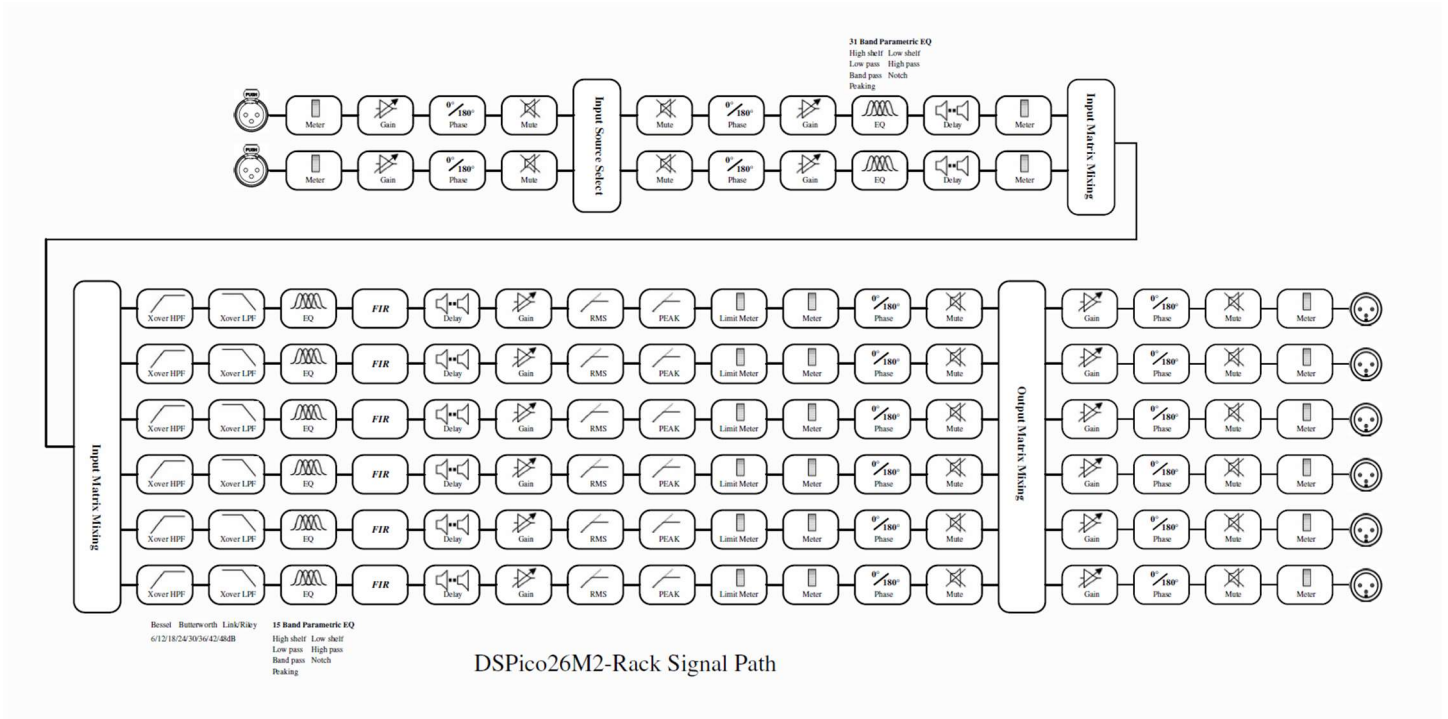
Specifications are subject to change without notice.

## Panel Indicators



- 1: SYSTEM (user adjustable, default: green + white)
- 2: INPUT MUTE (red)
- 3: OUTPUT MUTE / LIMIT (mute: red, limit: yellow)
- 4: SIGNAL (> -96dBfs: green, > -18dBfs: yellow, clip: red)

**Signal Path**



**Dimensions**

Unit: mm

