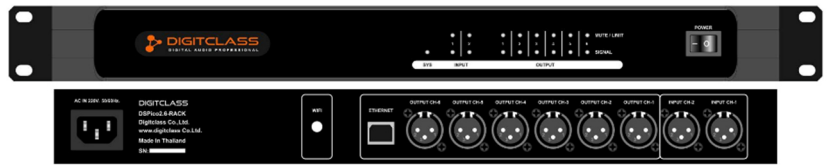## Overview

2 Analog inputs and 6 Analog outputs Speaker Processing.

Features

- All of the functionality required for most speaker processing applications in a compact 1U unit.
- An impressive array of built-in functions: gain, mute, phase, delay, PEQ, crossover, and limiter.
- Two analog inputs and six analog outputs.
- Complete user interface integrated into DSPico software running on a personal computer and web application running on web browser.
- Wi-Fi and Ethernet port for control and monitor in real time with personal computer or smartphone.
- Twenty programmable presets for instant recall.
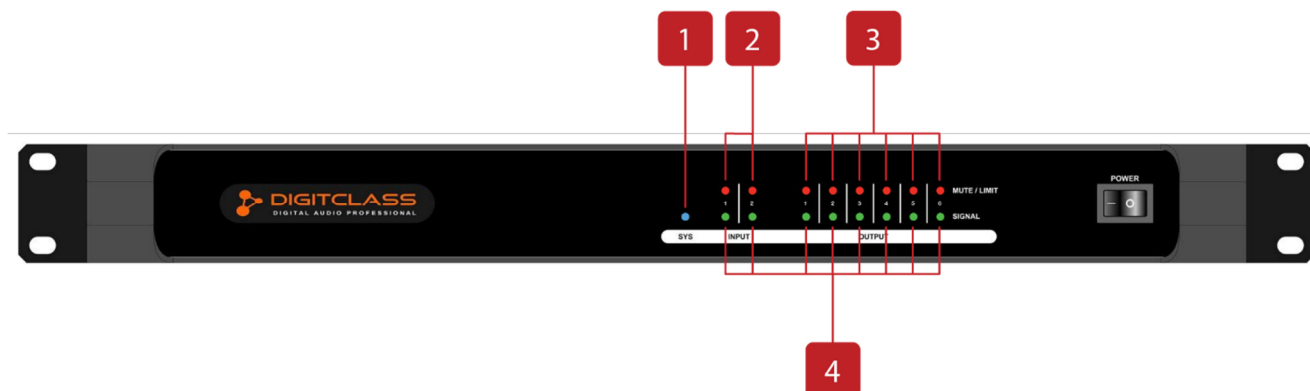- Plug and Play, zero network configuration.

Specifications

General Specifications

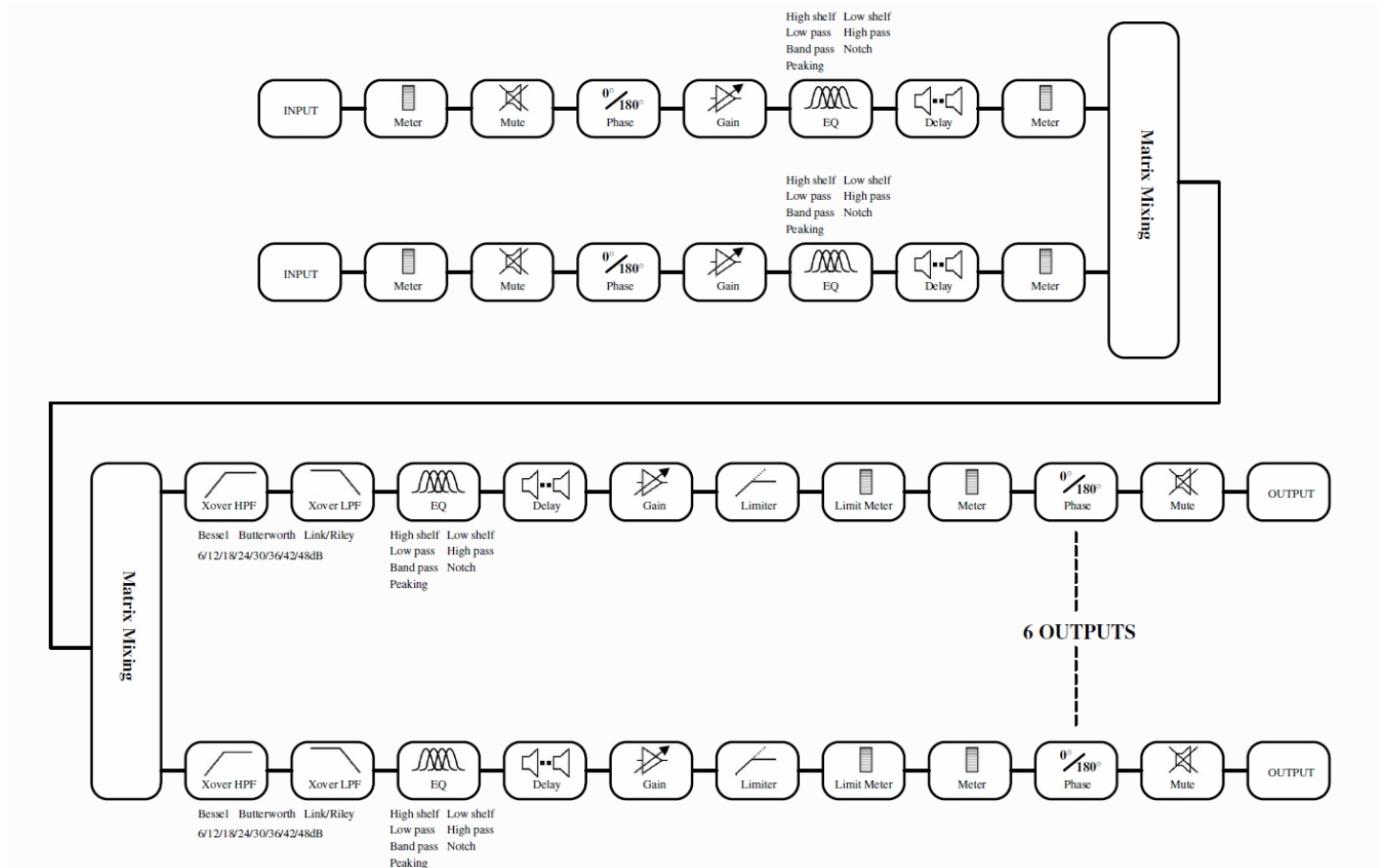|		
Analog Inputs	Number of Inputs	2 inputs
	Connectors	2 female XLR line inputs
	Type	Electronically balanced/RF filtered
	Impedance	20kΩ (Balance), 10kΩ (Unbalance)
	Max Input Level	+16 dBu
Analog Outputs	Number of Inputs	6 outputs
	Connectors	6 male XLR line outputs
	Type	Electronically balanced, RF filtered
	Impedance	120 Ω
	Max Output Level	+20 dBu
Remote Control		RJ45 Ethernet, 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		20 user presets
DSP features	Sample Rates / Bit depth	48 kHz / 24bit
	Limiter	Peak Limiter each output
	Delay	17ms at each input and output
	Input EQs	8x IIR-EQs with High-Shelf, Low-Shelf, High-Pass, Low-Pass, Band-Pass, Notch, Peak
	Output EQs	8x 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) • **Bessel:** 6,12,18,24,30,36,48dB / octave • **Butterworth:** 6,12,18,24,30,36,48dB / octave • **Linkwitz-Riley:** 12,24,36,48dB / octave
	Routing MUX	2x6 with addition / subtraction
	Input/ Output	Level, Mute, Gain, Phase inversion
Power Supply	Operating Voltage	85-240 VAC 50/60 Hz
	Power Consumption	20 Watts
Dimensions (W x H x D)		4.4cm (H) x 21cm (D) x 48cm (W)
Net Weight		4.3 lbs. (1.95 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