

# V6 Vocal Processor Specifications

VOICE section		12 types
EFFECT section		10 types
HARMONY section		5 types
Number of patch memories		100
Sampling frequency		44.1 kHz
A/D conversion		24-bit 128x oversampling
D/A conversion		24-bit 128x oversampling
Signal processing		32-bit
Frequency response		20 Hz–20 kHz (+1 dB/–3 dB) (200 kΩ load)
Display		2-digit 7-segment LED
Input	SGV-6	Directionality: Super cardioid (3 directional mic units) Sensitivity: –46 dB/Pa at 1 kHz (each mic unit) Maximum sound pressure input: 140 dB SPL
	MIC IN	XLR jack Input gain: +3 – +40 dB Maximum input level: +4 dBu Input impedance: 3 kΩ or higher (1 kHz) Phantom power: +48 V
Outputs	OUTPUT	XLR jack Maximum output level: +8 dBu Output impedance: 50 Ω (HOT-GND, COLD-GND, 1 kHz) 100 Ω (HOT-COLD, 1 kHz) GROUND LIFT (switchable)
	PHONES	Stereo mini jack Maximum output level: 20 mW + 20 mW (into 32 Ω load)
Equivalent input noise (when phantom power off)		–125 dBu or less (A-weighted, 150 Ω input, +40 dBu input gain)
Noise floor (residual noise)		–75 dBu
Control input		FP02 input
Power		AC adapter (9V DC 500 mA, center negative) (ZOOM AD-16) 4 AA batteries (about 3.5 hours continuous operation time when using alkaline batteries)
USB		Connector: Micro USB Audio interface operation: 2-in/2-out USB2.0 Full Speed, 44.1 kHz, 16/24/32-bit • Power can also be supplied through the USB port. • When using a cable designed only for power, other USB functions cannot be used.
External dimensions		181 mm (D) × 320 mm (W) × 77 mm (H)
Weight		1.56 kg (excluding batteries)
Optional		FP02 expression pedal

Note: 0 dBu = 0.775 V