

A6400 Microphone Preamplifier

High performance Mic/Line preamplifier optimized for vocal processing
Discrete transistor input for vocals and instruments
Precise noise gate with threshold and release time controls
Professional compressor parameter controls offer exceptional accuracy
Tone controller for overdrive, brightness and sub-bass enhancement
2-band parametric EQ for instruments and vocals



FEATURES

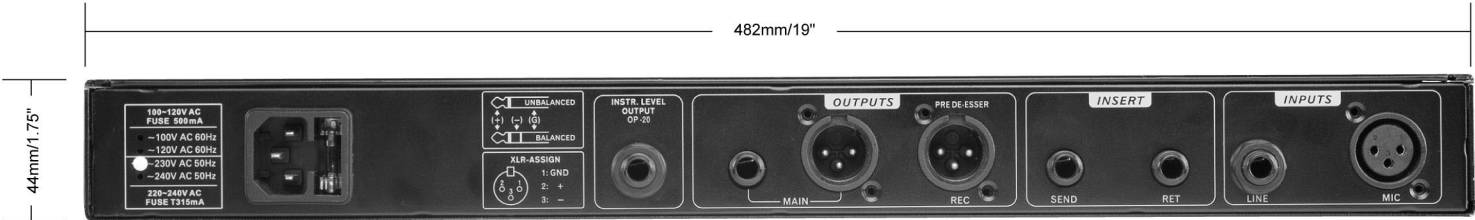
- › Classic discrete transistor with instrument input
- › Tube emulator for creating realistic tube and tape saturation sounds
- › Precision gate for smooth noise reduction
- › Professional compressor with full set of parameter controls
- › Tone controller with overdrive, bass and brightness control
- › 2-band parametric EQ
- › De-esser for removing excess sibilance from vocal tracks
- › High-performance VCA's for generating extremely natural sounds
- › Balanced XLR and 1/4" TRS inputs and outputs
- › Illuminated buttons for easy monitoring of operation status
- › Shielded toroidal power transformer ensures minimal interference noise

Phonic's VocalMax A6400 has been compressed into a single rack space, and features a Mic preamp, noise gate, tube emulation, tone control, a built-in compressor, dual-band parametric EQ and a de-esser. The A6400 is an effective and versatile device, practical in any situation that calls for the livening of vocals and instruments.

Specifications

SYSTEM	
Frequency Reponse	20 Hz to 20 kHz +/-0.5dB
Dynamic Range	96 dB typical
THD	0.018%typ @ +4 dBu, 1 kHz, 0 dBu input, gain 1
Distortion	Less than 0.01%
INPUT	
Number Of Channels	1 (XLR & 1/4" TRS)
Mic preamp input Impedance	2K ohms
Mic gain	10 dB to +60 dB
Line gain	-12 dB to +12 dB
Instrument in (Jack)	0 dB to +20 dB Impedence > 1M ohms
Max. input level	Mic +12 dBu, Line +20 dBu
OUTPUT	
Number Of Channels	1 (XLR & 1/4" TRS)
Main Max Out Bal	+22 dBu
Main Max Out (Jack)	+22 dBu
Recording Out (pre De-esser)	+22dBu

Inster Send (Jack)	+22 dBu
Amplifier Out (Jack)	-20 dBu
FUNCTION CONTROL	
Function Select	Filter, Gate, Compressor, Equalizer, De-esser, Tube Emulation, Tone Controller
Phantom Power	+48 V
POWER SUPPLY	
Mains Voltage	US/Canada: 120V ~ 60 Hz, UK/Australia: 240V ~ 50 Hz, Europe: 230V ~ 50 Hz, General export model: 100-120V, 200-240V, 50 ~ 60 Hz
Power consumption	20 W Max.
Fuse	100-120V ~ T630 mA H, 200-240V ~ T315 mA H
Mains Connection	Standard IEC receptacle
PHYSICAL	
Dimensions (WxHxD)	482 x 22 x 204 mm (19 x 1.75 x 8 inches)
Weight	3.0 kg (6.6 lbs.)



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