

ULTRA-VOICE® PRO VX2000

ULTRA-VOICE® PRO
HIGH-PERFORMANCE
STEREO
COMPARATOR
MODEL VX2000

DISCRETE VINTAGE INPUT
TUNE 48V 15 30 45 60 75 90 105 120
GAIN 10 20 30 40 50 60 70 80 90 100
FREQUENCY 10 15 20 30 40 50 60 70 80 90 100

EXPANDER
THRESHOLD -20 0 +20
DEPTH 0 MAX.
RATE

TUBE EMULATION
V/TARA 15 30 45 60 75 90 105 120
DRIVE COLD HOT
TUNING 300 350 400 450
FULL BW

OPTO COMPRESSOR
THRESHOLD HARD STATE RELEASE
FAST MED. OPTO COMPRESSOR
RELEASE 0 +10 +20
OUTPUT ENHANCER IN/OUT


VOICE-OPTIMIZED EQ
TUNING 100 200 300 400 500 600 700 800 900 1000
HIGHPASS 12 24 36 48 60 72 84 96 108 120
MIDRANGE 12 24 36 48 60 72 84 96 108 120
PRESENCE 12 24 36 48 60 72 84 96 108 120
BREATH 12 24 36 48 60 72 84 96 108 120
HERSENCE 12 24 36 48 60 72 84 96 108 120
IN/OUT

DPTO DEESSER
THRESHOLD -20 0 +20
CUT FREQ. 200 300 400 500 600 700 800 900 1000
IN/OUT

OUTPUT LEVEL (dB)
-10 -5 0 5 10 15 20 25 30 35 40 45 50

MASTER/FADE
0 -20 -40 -60 -80 -100

POWER



Specifications

Version 1.0 March 2001

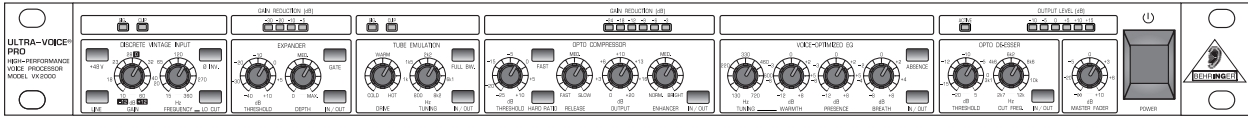
ENGLISH



www.behringer.com

ULTRA-VOICE[®] PRO

High-performance mic preamplifier/voice processor



- ▲ Professional high-performance mic/line preamplifier and voice-processor
- ▲ High-end vintage-design discrete transistor input stage
- ▲ Authentic tube emulation circuitry for typical tube and tape saturation sounds
- ▲ True RMS expander for extremely smooth noise reduction
- ▲ Opto compressor for inaudible level control and creative sound processing
- ▲ Integrated dynamic enhancer replaces high-frequencies lost through compression
- ▲ Voice-optimized equalizer specially designed for voice enhancement
- ▲ Opto de-esser for removal of excessive sibilance from your vocal track
- ▲ High-performance VCA's for extremely natural sound processing
- ▲ Ultra low-noise 4580 operational amplifiers for outstanding audio performance
- ▲ Accurate LED metering for crystal-clear level and processor indication
- ▲ Servo-balanced gold-plated XLR connectors for all main inputs and outputs
- ▲ Ultra high-precision potentiometers for ultimate accuracy and repeatability
- ▲ Illuminated switches ensure perfect operation in dark stage environments
- ▲ High-quality components and exceptionally rugged construction for long life and durability
- ▲ Shielded toroidal power transformer for lowest noise interference
- ▲ Manufactured under ISO9000 certified management system

VX2000

SPECIFICATIONS

FREQUENCY RESPONSE

Line In to Main Out
(bypass mode) 10 Hz to 200 kHz; +0 / -1.6 dB

DISTORTION

MIC -> Ins Send < 0.02% / -30 dBu in / 30 dB Gain
Line -> Ins Send < 0.002% / 0 dBu in / Unity

NOISE (absolute) A-weighted

Main Out bal. -98 dBu
Recording Out -100.5 dBu

INPUT LEVEL (max.)

Mic In +11.5 dBu
Line In +22 dBu

OUTPUT LEVEL (max.)

Main Out bal. +22 dBu
Main Out unbal. +22 dBu
Recording Out +22 dBu
Insert Send +22 dBu

POWER SUPPLY

Mains voltage U.S./Canada 120 V ~, 60 Hz
U.K./Australia 240 V ~, 50 Hz
Europe 230 V ~, 50 Hz
General export model 100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Power consumption 20 W max.
Fuse 100 - 120 V ~: **T 630 mA H**
200 - 240 V ~: **T 315 mA H**
Mains connector Standard IEC receptacle

PHYSICAL (H * W * D)

1 ¾" (44.5 mm) * 19" (482.6 mm) * 8 ½" (217 mm)

WEIGHT

3 kg

SHIPPING WEIGHT

4.2 kg

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