

# VX9 DIGITAL PROCESSOR



## Product Features ■

### High Performance

Highly integrated , redundant voice processing resources, from JBL acoustic technology , crystal sound , solid bass present , best value performance .

### Reliability

Following the strictly controlled manufacturing standards to ensure high quality production .

### Minimalist

Short learning curve for experienced KTV engineers and operators as the operation and user interface design is similar to the KTV industry .

### Compatibility

Meeting the demands of all sizes of KTV facilities by providing various input and output formats .

### Fully functional

The operation interface is specially designed for KTV , with friendly operation , free scaling , resizeble , and the interface can be moved at will . Both input and output have spectrum display .

## General ■

VX9 is a powerful voice processor designed for the KTV market . VX9 not only provides multiple audio connection options , but also integrates JBL speaker and microphone factory presets . The processing power of VX9 provides the best KTV experience with years of experience from JBL Professional .

Bringing more than 10 years of KTV system and 75 years of speaker design , VX9 integrates all the system components of the JBL Professional total solution , including JBL KTV speakers , Crown amplifiers and JBL wireless microphones . VX9 provides 16 tuning presets dedicated for JBL Professional KTV speakers and JBL Professional microphones , 15-band parametric EQ for music input and 20-band parametric EQ for each of the four individual microphone inputs. Echo engine and reverberation effect are processed separately by independent DSP . RS232 is provided for central automation system and smart home .

JBL products have been the choices in professional production facilities , including recording studios , cinema , concert halls and stadium , theaters and television broadcast centers worldwide . JBL VX9 brings KTV experience to the professional level .

## IN THE BOX ■

VX9 Digital Processor  
Power Cable  
Manual

[www.jblpro.com](http://www.jblpro.com)

# VX9 DIGITAL PROCESSOR



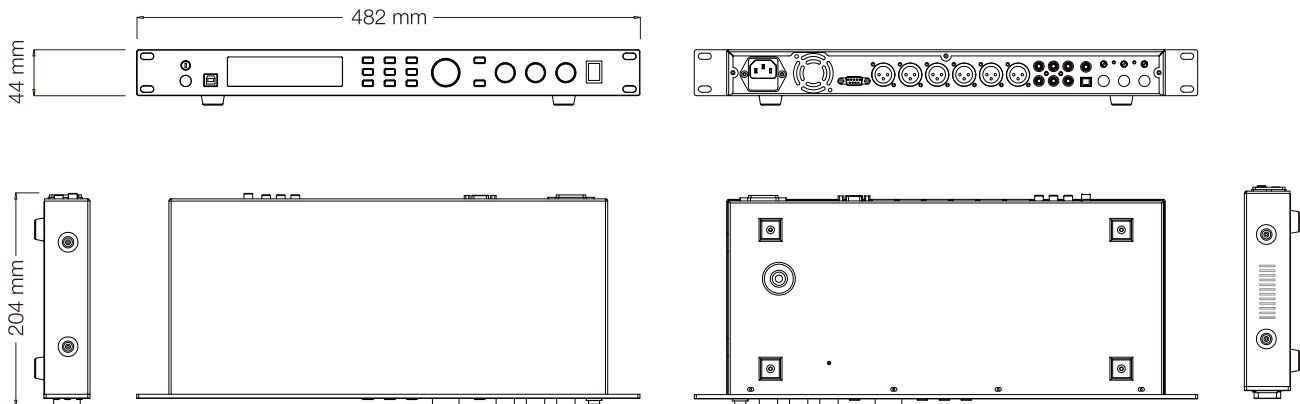
## Main features

- ▶ Store up to 16 presets .
- ▶ Professional digital audio effect processor .
- ▶ Reverb and echo effects can be controlled independently .
- ▶ Microphone input with four levels of feedback suppression .
- ▶ 15 - band parametric equalizer for each music input .
- ▶ 20 - band parametric equalizer for each microphone input .
- ▶ Key function to provide a more diverse karaoke experience .
- ▶ Individual XLR output for active subwoofer .
- ▶ Two pairs of RCA interfaces , one way optical fiber , coaxial interface can be used for music input .
- ▶ Preset with JBL Entertainment KTV speaker and microphone products
- ▶ Provide RS232 interface for connecting KTV room central control system and smart home system .
- ▶ Window - based control software to perform fine system tuning .
- ▶ Click Help in the Accessibility menu to quickly view the software manual .

## TECHNICAL SPECIFICATIONS

Digital Inputs	
Connector	OPTICAL / COAXIAL
Formats	S / PDF ( 24 bit ) , EIAJ CP - 340 , IEC 958
System Delay	1.7 ms
Analog Inputs	
MIC Inputs	4 x 1/4" TS
MUSIC Inputs	2 stereo pairs RCA
MIC Inputs Impedance	8 kΩ
MUSIC Inputs Impedance	10 kΩ
Max Input Level	> 18 dBu
Analog Outputs	
Connectors	6 x XLR unbalanced
REC Connectors	1 stereo pair RCA
Impedance	300 ohm
Max. Output Level	> 18 dBu
THD + N	≤ 0.05 % @ 20 Hz - 20 kHz
Crosstalk	≤ - 90 dB
S / N Ratio	> 100 dB @ A-weight
Noise Floor	< 80 uV @ A-weight, Gain to Max
Environment	
Operating Temperature	0 °C - 45 °C
Storage Temperature	- 20 °C - 60 °C
Humidity	Max. 90 % non - condensing
Control Interface	
USB	USB2.0 Type - B
RS232	DB9
General	
Display	DOT MATRIX LCD
Dimensions	482 x 204 x 44 mm
Net weight	3.6 Kg
Mains Voltage	AC 220 V / 50 Hz
Power Consumption	≤ 25 W

## Product size



HARMAN Professional, Inc. 8500 Balboa Blvd., Northridge, CA 91325 USA

© 2024 HARMAN International Industries, Incorporated. All rights reserved.  
Features, specifications and appearance are subject to change without notice.

[www.jblpro.com](http://www.jblpro.com)

Issued: 10/2024