

## PV® 8 USB



The PV® 8 compact mixer from Peavey is perfect for live or studio applications. The PV 8 mixer's reference quality mic pre-amps are super quiet with less than 0.0007% of total harmonic distortion. Six channels, with one through four having XLR inputs, channel insert, phantom power, 3-band EQ and effects send. The master section offers assignable tape input and a master contour EQ which simultaneously cuts mids while slightly boosting the bass and treble in the overall mix. Outputs include L & R for main and control room, effects send and headphones. Stylish metal casing adds overall strength and durability.

### Features:

- Four XLR Mic inputs
- Two stereo channels with RCA and 1/4" inputs
- Three-band channel EQ
- A/B stereo input selector reduces patching
- Inserts on all mono channels
- 80 Hz low-cut switch
- USB connectivity (PV®8 USB only)
- Clip LEDs that thoroughly monitor clipping
- Phantom power switch
- Effects send on every channel with stereo return
- Monitor send on every channel
- Zero latency record monitoring capabilities
- Control room output with level control
- Contour control switch

## PV<sup>®</sup> 8 USB

### Inputs

Function	Input Z (ohms min)	Input Gain Setting	Input Levels			Bal/ Unbal	Connector
			Min**	Nominal*	Max		
Microphone (150 ohms)	2.2k	Max Gain (63 dB)  Min Gain (10 dB)	-83 dBu  -30 dBu	-59 dBu  -6 dBu	-41 dBu  +12 dBu	Bal	XLR Pin 1 Gnd Pin 2 (+) Pin 3 (-)
Line (10 k ohms)	10k	Max Gain (43 dB)  Min Gain (-10 dB)	-63 dBu  -10 dBu	-39 dBu  +14 dBu	-21 dBu  +32 dBu	Bal	1/4" TRS; Tip (+) Ring (-) Sleeve Ground
Stereo Line Input	10k	Max Gain (20 dB)  Nominal	-40 dBu  -26 dBu	+16 dBu  -2 dBu	+2 dBu  +16 dBu	Unbal	1/4" TRS; Tip (+) Sleeve Ground
Aux Returns	10k	N/A (0 dB)	-17 dBu	+4 dBu	+22 dBu	Unbal	1/4" TRS; Tip (+) Sleeve Ground
Tape	10k	N/A (10 dB)	-17 dBu	-10 dBV	+12 dBu	Unbal	RCA Phono

0 dBu=0.775 V (RMS)

\*\* Min Input Level (sensitivity) is the smallest signal that will produce nominal output (+4 dBu) with channel and master faders set for maximum gain.

\* Nominal settings are defined as all controls set at 0 dB (or 50% rotation for rotary pots) except the gain adjustment pot which is as specified.

### Outputs

Function	Min Load Z (ohms)	Output Levels		Bal/ Unbal	Connector
		Nominal	Max		
Main Left/Right	600	+4 dBu	+22 dBu	Bal	XLR Pin Ground Tip Pin 2 (+), Pin 3 (-)  1/4" TRS: Tip (+), Ring (-) Sleeve Ground
Effects and Monitor Sends	600	+4 dBu	+22 dBu	Bal	1/4" TRS: Tip (+), Ring (-) Sleeve Ground
Headphone	8	+4 dBu (no load)	+22 dBu	Unbal	1/4" TRS; Tip Left, Ring Right Sleeve Ground
Tape	2.2k	+4 dBu	+22 dBu	Unbal	RCA Phono
USB					

0 dBu=0.775 V (RMS)

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### Gain

Mic Input Gain Adjustment Range:	10 dB to 60 dB
Mic Input to Left/Right Balance Output	87 dB (max gain)
Line Input Gain Adjustment Range:	-10 dB to 40 dB
Line Input to Left/Right Balance Output	67 dB (max gain)
Stereo Line Input Gain Adjustment Range:	Off to +20 dB
Stereo Line Input to Left/Right Output	44 dB (max gain)
Aux Return to Left/Right Balance Output	21 dB (max gain)

### Frequency Response

Mic Input to Left/Right Output	14 Hz to 25 kHz +0 dB/-1 dB
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### Total Harmonic Distortion

<0.01% 20 Hz to 20 kHz Mic to Left/Right Output	(10 Hz to 80 kHz BW)
<0.005% Typical	(22 Hz to 22 kHz BW)
<0.0007% Mic Pre-amp Distortion	

### Hum and Noise

Output	Residual Noise	S/N Ratio (Ref: +4dBu)	Test Conditions
Master Left/Right	-98 dBu	102 dB	Master Fader Down, Channel Levels Down
	-90 dBu	94 dB	Master Fader Nominal, Channel Levels Down
	-84 dBu	90 dB	All controls nominal, mic gain minimum
Monitor Send	-103 dBu	107 dB	All controls off
	-84 dBu	88 dB	All channel sends nominal, masters nominal
Effects Sends	-103 dBu	107 dB	All controls off
	-84 dBu	88 dB	All channel sends nominal, masters nominal

(Hum and noise measurements: 22 Hz to 22 kHz BW)

### Equivalent Input Noise (EIN)

-129 dBu (input terminated with 150 ohms)	
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### Crosstalk/Attenuation

Adjacent Input Channels (1 kHz) >80 dB	
Left to Right Outputs (1 kHz) >75 dB	



MediaMatrix®

# SPECIFICATIONS

peavey.com

## PV® 8 USB

### Common Mode Rejection Ratio (Mic Input)

50 dB minimum (20 Hz to 20 kHz)

70 dB typical @ 1 kHz

### Meters

6 segment, peak reading (0 db = +4 dBu)

### Signal/Overload Indicators

Red LED lights 3 dB below clipping

### Dimensions

9.32" wide x 11.625" deep x 2.76" high  
(23.70cm x 29.5cm x 7.0cm)



### Installation Note:

This unit must have the following clearances from any combustible surface: top: 8", sides: 12", back: 12"

### Weight

Without power supply: 5.7 lbs. (2.58 kg)

With power supply: 7.0 lbs. (3.17 kg)

### Power Requirements

Domestic: 15 VDC, 0.5A; 7.5 Watts

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Logo referenced in Directive 2002/96/EC Annex IV (OJ(L)37/38, 13.02.03 and defined in EN 50419: 2005  
The bar is the symbol for marking of new waste and is applied only to equipment manufactured after 13 August 2005

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Commercial Audio

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Features and specifications subject to change without notice.

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