

1. SPECIFICATIONS

● DEH-P880PRS/XN/UC

General

Power source	14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system	Negative type
Max. current consumption	10.0 A
Backup current	5 mA or less
Dimensions (W × H × D):	
DIN	
Chassis	178 × 50 × 159 mm (7 × 2 × 6-1/4 in.)
Nose	188 × 58 × 30 mm (7-3/8 × 2-1/4 × 1-1/8 in.)
D	
Chassis	178 × 50 × 164 mm (7 × 2 × 6-1/2 in.)
Nose	170 × 45 × 25 mm (6-3/4 × 1-3/4 × 1 in.)
Weight	1.6 kg (3.5 lbs)

Audio/DSP

Maximum power output	50 W × 4
Continuous power output ...	22 W × 4 (50 Hz to 15 000 Hz, 5% THD, 4 Ω load, both channels driven)
Load impedance	4 Ω (4 Ω to 8 Ω allowable)
Preout max output level/output impedance	5.0 V/100Ω
Loudness contour	+10 dB (100 Hz), +6.5 dB (10 kHz) (volume: -30 dB)
Equalizer (Left/Right independent 16-Band Graphic Equalizer):	
Frequency	20/31.5/50/80/125/200/315/500/800/1.25k/2k/3.15k/5k/8k/12.5k/20k Hz
Equalization range	±12 dB (2 dB step)
Auto equalizer:	
(Front & rear & subwoofer/High & mid & low)	
Frequency	20/31.5/50/80/125/200/315/500/800/1.25k/2k/3.15k/5k/8k/12.5k/20k Hz
Equalization range	+6 to -12 dB (2 dB step)
Network (standard mode):	
HPF (Front/rear):	
Frequency	50/63/80/100/125/160/200 Hz
Slope	0 (Pass)/-6/-12 dB/oct
Gain	0 to -24 dB/Mute (1 dB step)

Subwoofer (stereo/mono):

Frequency	50/63/80/100/125/160/200 Hz
Slope	-6/-12/-18 dB/oct
Gain	+6 to -24 dB/Mute (1 dB step)
Phase	Normal/Reverse

Network (3-way network mode):

High HPF:

Frequency	1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5 kHz
Slope	-6/-12/-18/-24 dB/oct
Gain	0 to -24 dB/Mute (1 dB step)
Phase	Normal/Reverse

Mid HPF/LPF:

Frequency (LPF) ...	1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5 kHz
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Frequency (HPF)

.....	25/31.5/40/50/63/80/100/125/160/200/250 Hz
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Slope (LPF)	0 (Pass)/-6/-12/-18/-24 dB/oct
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Slope (HPF)	0 (Pass)/-6/-12/-18/-24 dB/oct
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Gain	0 to -24 dB/Mute (1 dB step)
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Phase	Normal/Reverse
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Low LPF (stereo/mono):

Frequency	25/31.5/40/50/63/80/100/125/160/200/250 Hz
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Slope	-12/-18/-24/-30/-36 dB/oct
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Gain	+6 to -24 dB/Mute (1 dB step)
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Phase	Normal/Reverse
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CD player

System	Compact disc audio system
Usable discs	Compact disc
Signal format:	
Sampling frequency	44.1 kHz
Number of quantization bits	16; linear
Frequency characteristics ...	5 Hz to 20 000 Hz (±1 dB)
Signal-to-noise ratio	105 dB (1 kHz) (IHF-A network)
Dynamic range	100 dB (1 kHz)
Number of channels	2 (stereo)
MP3 decoding format	MPEG-1 & 2 Audio Layer 3
WMA decoding format	Ver. 7, 7.1, 8, 9, 10 (2ch audio) (Windows Media Player)

AAC decoding format MPEG-4 AAC (iTunes® en-
coded only)
WAV signal format Linear PCM & MS ADPCM

FM tuner

Frequency range 87.9 MHz to 107.9 MHz
Usable sensitivity 8 dBf (0.7 μ V/75 Ω , mono,
S/N: 30 dB)
50 dB quieting sensitivity 10 dBf (0.9 μ V/75 Ω , mono)
Signal-to-noise ratio 75 dB (IHF-A network)
Distortion 0.3 % (at 65 dBf, 1 kHz,
stereo)
0.05 % (at 65 dBf, 1 kHz,
mono)
Frequency response 30 Hz to 15 000 Hz ($\pm$ 3 dB)
Stereo separation 45 dB (at 65 dBf, 1 kHz)
Selectivity 80 dB ($\pm$ 200 kHz)
Three-signal intermodulation (desired signal level)
..... 30 dBf (two undesired sig-
nal level: 100 dBf)

AM tuner

Frequency range 530 kHz to 1 710 kHz (10
kHz)
Usable sensitivity 18 μ V (S/N: 20 dB)
Signal-to-noise ratio 67 dB (IHF-A network)



Note

Specifications and the design are subject to pos-
sible modifications without notice due to im-
provements. □

● DEH-P88RS/XN/EW5

General

Power source 14.4 V DC (10.8 V to 15.1 V allowable)

Grounding system Negative type

Max. current consumption 10.0 A

Backup current 5 mA or less

Dimensions (W × H × D):

DIN

Chassis 178 × 50 × 159 mm

Nose 188 × 58 × 30 mm

D

Chassis 178 × 50 × 164 mm

Nose 170 × 45 × 25 mm

Weight 1.6 kg

Audio/DSP

Maximum power output 50 W × 4

Continuous power output ... 27 W × 4 (DIN 45324, +B=14.4 V)

Load impedance 4 Ω (4 Ω to 8 Ω allowable)

Preout max output level/output impedance

..... 5.0 V/100Ω

Loudness contour +10 dB (100 Hz), +6.5 dB (10 kHz) (volume: -30 dB)

Equalizer (Left/Right independent 16-Band Graphic Equalizer):

Frequency 20/31.5/50/80/125/200/315/500/800/1.25k/2k/3.15k/5k/8k/12.5k/20k Hz

Equalization range ±12 dB (2 dB step)

Auto equalizer:

(Front & rear & subwoofer/High & mid & low)

Frequency 20/31.5/50/80/125/200/315/500/800/1.25k/2k/3.15k/5k/8k/12.5k/20k Hz

Equalization range +6 to -12 dB (2 dB step)

Network (standard mode):

HPF (Front/rear):

Frequency 50/63/80/100/125/160/200 Hz

Slope 0 (Pass)/-6/-12 dB/oct

Gain 0 to -24 dB/Mute (1 dB step)

Subwoofer (stereo/mono):

Frequency 50/63/80/100/125/160/200 Hz

Slope -6/-12/-18 dB/oct

Gain +6 to -24 dB/Mute (1 dB step)

Phase Normal/Reverse

Network (3-way network mode):

High HPF:

Frequency 1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5 kHz

Slope -6/-12/-18/-24 dB/oct

Gain 0 to -24 dB/Mute (1 dB step)

Phase Normal/Reverse

Mid HPF/LPF:

Frequency (LPF) ... 1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5 kHz

Frequency (HPF)

..... 25/31.5/40/50/63/80/100/125/160/200/250 Hz

Slope (LPF) 0 (Pass)/-6/-12/-18/-24 dB/oct

Slope (HPF) 0 (Pass)/-6/-12/-18/-24 dB/oct

Gain 0 to -24 dB/Mute (1 dB step)

Phase Normal/Reverse

Low LPF (stereo/mono):

Frequency 25/31.5/40/50/63/80/100/125/160/200/250 Hz

Slope -12/-18/-24/-30/-36 dB/oct

Gain +6 to -24 dB/Mute (1 dB step)

Phase Normal/Reverse

CD player

System Compact disc audio system

Usable discs Compact disc

Signal format:

Sampling frequency 44.1 kHz

Number of quantization bits

..... 16; linear

Frequency characteristics ... 5 Hz to 20 000 Hz (±1 dB)

Signal-to-noise ratio 105 dB (1 kHz) (IEC-A network)

Dynamic range 100 dB (1 kHz)

Number of channels 2 (stereo)

MP3 decoding format MPEG-1 & 2 Audio Layer 3

WMA decoding format Ver. 7, 7.1, 8, 9, 10 (2ch audio)

(Windows Media Player)

AAC decoding format MPEG-4 AAC (iTunes® encoded only)

WAV signal format Linear PCM & MS ADPCM

FM tuner

Frequency range 87.5 MHz to 108.0 MHz

Usable sensitivity 8 dBf (0.7 μ V/75 Ω , mono,
S/N: 30 dB)
50 dB quieting sensitivity 10 dBf (0.9 μ V/75 Ω , mono)
Signal-to-noise ratio 75 dB (IEC-A network)
Distortion 0.3 % (at 65 dBf, 1 kHz,
stereo)
0.05 % (at 65 dBf, 1 kHz,
mono)
Frequency response 30 Hz to 15 000 Hz ($\pm$ 3 dB)
Stereo separation 45 dB (at 65 dBf, 1 kHz)
Selectivity 80 dB ($\pm$ 200 kHz)

MW tuner

Frequency range 531 kHz to 1 602 kHz (9 kHz)
Usable sensitivity 18 μ V (S/N: 20 dB)
Signal-to-noise ratio 67 dB (IEC-A network)

LW tuner

Frequency range 153 kHz to 281 kHz
Usable sensitivity 30 μ V (S/N: 20 dB)
Signal-to-noise ratio 67 dB (IEC-A network)

 Note

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sible modifications without notice due to im-
provements. 

● DEH-P80RS/XN/ES

General

A	Rated power source	14.4 V DC
	(allowable voltage range:	12.0 V to 14.4 V DC)
	Grounding system	Negative type
	Max. current consumption	10.0 A
	Backup current	5 mA or less
B	Dimensions (W × H × D):	
	DIN	
	Chassis	178 × 50 × 159 mm
	Nose	188 × 58 × 30 mm
D		
	Chassis	178 × 50 × 164 mm
	Nose	170 × 45 × 25 mm
	Weight	1.6 kg

Audio/DSP

	Maximum power output	50 W × 4
	Continuous power output ...	22 W × 4 (50 Hz to 15 000 Hz, 5% THD, 4 Ω load, both channels driven)
C	Load impedance	4 Ω (4 Ω to 8 Ω allowable)
	Preout max output level/output impedance	5.0 V/100 Ω
	Loudness contour	+10 dB (100 Hz), +6.5 dB (10 kHz) (volume: -30 dB)
	Equalizer (Left/Right independent 16-Band Graphic Equalizer):	
	Frequency	20/31.5/50/80/125/200/315/500/800/1.25k/2k/3.15k/5k/8k/12.5k/20k Hz
	Equalization range	±12 dB (2 dB step)
D	Auto equalizer:	
	(Front & rear & subwoofer/High & mid & low)	
	Frequency	20/31.5/50/80/125/200/315/500/800/1.25k/2k/3.15k/5k/8k/12.5k/20k Hz
	Equalization range	+6 to -12 dB (2 dB step)
	Network (standard mode):	
	HPF (Front/rear):	
	Frequency	50/63/80/100/125/160/200 Hz
	Slope	0 (Pass)/-6/-12 dB/oct
	Gain	0 to -24 dB/Mute (1 dB step)
E	Subwoofer (stereo/mono):	
	Frequency	50/63/80/100/125/160/200 Hz
	Slope	-6/-12/-18 dB/oct

	Gain	+6 to -24 dB/Mute (1 dB step)
	Phase	Normal/Reverse
Network (3-way network mode):		
High HPF:		
	Frequency	1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5 kHz
	Slope	-6/-12/-18/-24 dB/oct
	Gain	0 to -24 dB/Mute (1 dB step)
	Phase	Normal/Reverse
Mid HPF/LPF:		
	Frequency (LPF) ...	1.25/1.6/2/2.5/3.15/4/5/6.3/8/10/12.5 kHz
	Frequency (HPF)	25/31.5/40/50/63/80/100/125/160/200/250 Hz
	Slope (LPF)	0 (Pass)/-6/-12/-18/-24 dB/oct
	Slope (HPF)	0 (Pass)/-6/-12/-18/-24 dB/oct
	Gain	0 to -24 dB/Mute (1 dB step)
	Phase	Normal/Reverse
Low LPF (stereo/mono):		
	Frequency	25/31.5/40/50/63/80/100/125/160/200/250 Hz
	Slope	-12/-18/-24/-30/-36 dB/oct
	Gain	+6 to -24 dB/Mute (1 dB step)
	Phase	Normal/Reverse

CD player

System	Compact disc audio system
Usable discs	Compact disc
Signal format:	
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Dynamic range	100 dB (1 kHz)
Number of channels	2 (stereo)
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WMA decoding format	Ver. 7, 7.1, 8, 9, 10 (2ch audio)
	(Windows Media Player)
AAC decoding format	MPEG-4 AAC (iTunes® encoded only)
WAV signal format	Linear PCM & MS ADPCM

FM tuner

Frequency range	87.5 MHz to 108.0 MHz
Usable sensitivity	8 dBf (0.7 μ V/75 Ω , mono, S/N: 30 dB)
50 dB quieting sensitivity	10 dBf (0.9 μ V/75 Ω , mono)
Signal-to-noise ratio	75 dB (IHF-A network)
Distortion	0.3 % (at 65 dBf, 1 kHz, stereo) 0.05 % (at 65 dBf, 1 kHz, mono)
Frequency response	30 Hz to 15 000 Hz ($\pm$ 3 dB)
Stereo separation	45 dB (at 65 dBf, 1 kHz)

AM tuner

Frequency range	531 kHz to 1 602 kHz (9 kHz) 530 kHz to 1 640 kHz (10 kHz)
Usable sensitivity	18 μ V (S/N: 20 dB)
Signal-to-noise ratio	67 dB (IHF-A network)

Infrared remote control

Wavelength	940 nm $\pm$ 50 nm
Output	typ; 12 mw/sr per Infrared LED



Note

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sible modifications without notice due to im-
provements. □