

DXR Series

Powered Loudspeaker



DXR15



DXR12



DXR10



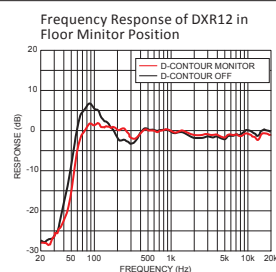
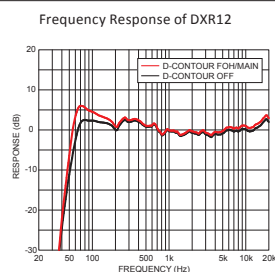
DXR8

High-definition sound and ultimate power in compact, versatile design

- Output levels up to 133dB SPL with 1100W of power
- Precise 48-bit DSP processing with Yamaha's proprietary FIR-X tuning™ delivers high-definition sound
- D-CONTOUR intelligent multi-band dynamic processing delivers powerful, consistently high-quality sound at all output levels in FOH or monitor applications
- Extensive DSP protection functions for maximum output
- Custom-designed transducers and top-quality components add up to unequalled performance
- Extremely accurate 90 x 60 constant directivity horn
- Intelligent onboard 3-channel mixer with flexible IN/OUT connectivity for versatile system integration
- Flexible HPF control allows optimum matching with DSR and DXS subwoofers
- Universal switching-mode power supply for world-wide use
- Durable, compact ABS enclosures
- Symmetrical enclosure design for mirror-mode floor monitoring (DXR12 and DXR15)
- Dual-angle pole mount plus rigging points for standard eye-bolts and optional U-brackets

D-CONTOUR (Dynamic-CONTOUR)

An intelligent multi-band compressor that provides powerful and consistent sound throughout all output levels.



DXR Series

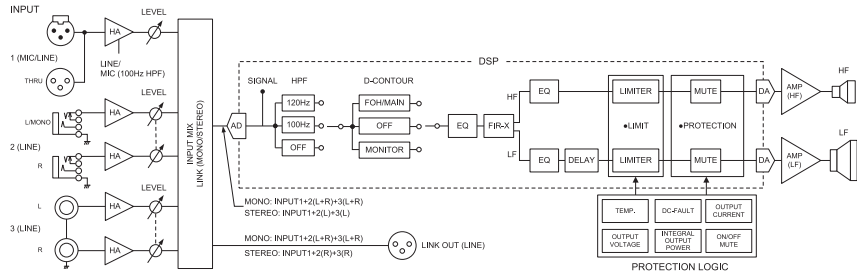
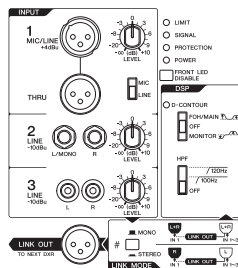
GENERAL SPECIFICATIONS

Model	DXR15	DXR12	DXR10	DXR8
Speaker Type	2-way, Bi-amp powered speaker, Bass-reflex type			
Frequency Range	-10dB 49Hz - 20kHz	52Hz - 20kHz	56Hz - 20kHz	57Hz - 20kHz
Nominal coverage (Horizontal x Vertical)	90° x 60°			
Maximum SPL (1m, on axis)	133dB SPL	132dB SPL	131dB SPL	129dB SPL
Components	LF 15" cone, 2.5" voice coil HF 1.4" compression driver (1" throat)	12" cone, 2.5" voice coil	10" cone, 2" voice coil	8" cone, 2" voice coil
Crossover Type	FIR-X tuning™ (Linear phase FIR filter)			
Crossover Frequency	2.1kHz		2.3kHz	2.4kHz
Output Power	Dynamic 1100W (LF: 950W, HF: 150W) Continuous 700W (LF: 600W, HF: 100W)			
Connectors	INPUT: XLR3-31 x1, INPUT2: Phone x2, INPUT3: RCA PIN x2, THRU: XLR3-32 x1 (Parallel with INPUT 1), LINK OUT: XLR x 1			
Processors	D-CONTOUR: FOH/MAIN, MONITOR, OFF			
Power Requirements	100V - 240V, 50Hz/60Hz			
Power Consumption	110W		90W	
Flying and Mounting Hardware	Top x2, Rear x1 (Fits for M10 x 18mm eyebolts)		Top x2, Rear x1 (Fits for M8 x 15mm eyebolts)	
Pole socket	35mm with 2-way features (0 or 7 degrees)			
Dimensions (W x H x D)	445 x 700 x 380mm (17.5" x 27.5" x 15.0")	362 x 601 x 350 mm(14.2" x 23.6" x 13.7")	305 x 502 x 310 mm(12.0" x 19.7" x 12.2")	280 x 458 x 280 mm(11.0" x 18.0" x 11.0")
Weight	22.5kg (49.6lbs)	19.3kg (42.5lbs)	14.6kg (32.2lbs)	13.5kg (29.8lbs)
Accessories	UB-DXR15 (U-barcket)	UB-DXR12(U-barcket)	UB-DXR10 (U-barcket)	UB-DXR8 (U-barcket)
Material	ABS (Matte Finish, Black)			

INPUT SPECIFICATIONS

Model	DXR15	DXR12	DXR10	DXR8
Connectors	Input INPUT1: XLR3-31 x1, INPUT2: Phone x2, INPUT3: RCA PIN x2 Output THRU: XLR3-32 x1 (Parallel with INPUT1), LINK OUT: XLR3-32 x1			
Input Impedance	INPUT1 LINE: 12kΩ, MIC: 8kΩ INPUT2, 3 L, R: 40kΩ, MONO: 20kΩ			
Input Sensitivity	INPUT1 LINE: +1dBu, MIC: -32dBu (LEVEL: Maximum) INPUT2, 3 -13dBu			
Input Sensitivity	INPUT1 LINE: +11dBu, MIC: -22dBu (LEVEL: Center) INPUT2, 3 -3dBu			
Maximum Input	INPUT1 LINE: +24dBu, MIC: +20dBu			
Level	INPUT2, 3 +16dBu			

REAR PANELS & BLOCK DIAGRAMS



OPTIONS



DIMENSIONS

