

Powered Loudspeaker

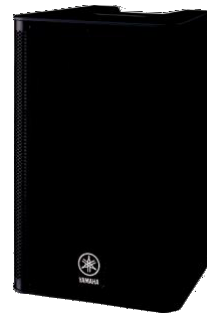


DXR15



DXR10

DXR12



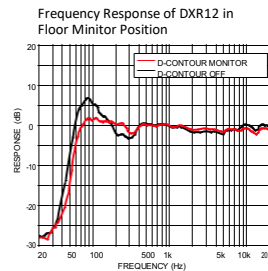
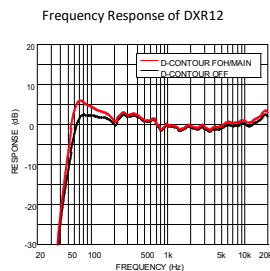
DXR8

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

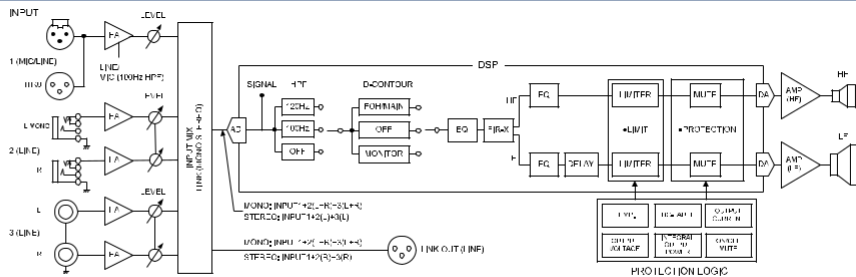
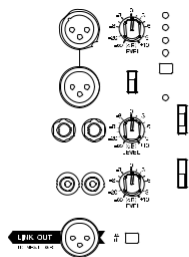
GENERAL SPECIFICATIONS

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: XLR-3-31 x1, INPUT2: Phone x2, INPUT3: RCA PIN x2, THRU: XLR3-32 x1 (Parallel with INPUT 1), LINK OUT: XLR x1			
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 Level	INPUT1 : LINE: +24dBu, MIC: +20dBu INPUT2, 3 : +16dBu			

REAR PANELS & BLOCK DIAGRAMS



OPTIONS



UB-DXR15 U-barcket



UB-DXR12 U-barcket



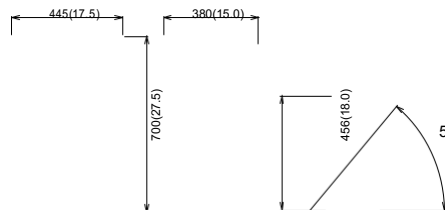
UB-DXR10 U-barcket



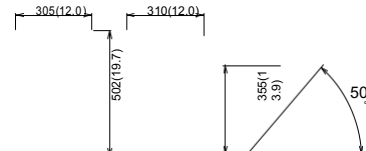
UB-DXR8 U-barcket

DIMENSIONS

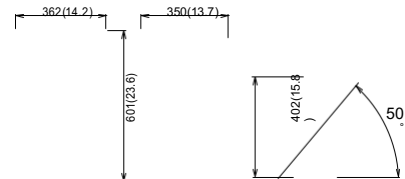
DXR15



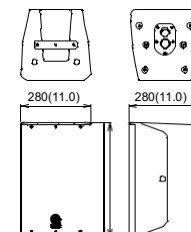
DXR10



DXR12



DXR8



unit: mm (inch)