

DBR Series

Powered Loudspeaker



DBR15



Rear Panel

DBR12



Rear Panel



DBR10



Rear Panel

The most portable powered loudspeakers with the same state-of-the-art Yamaha DSP and amplifier and speaker technologies developed for the DSR Series and DXR Series.

- Output levels up to 132dB SPL with 1000W of power
- Precise 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
- Easy-to-use Onboard 2-channel mixer with flexible IN/OUT connectivity for versatile system integration
- Flexible HPF control allows optimum matching with DSR and DXS subwoofers
- Durable, compact plastic enclosures
- Symmetrical enclosure design for mirror-mode floor monitoring (DBR12 and DBR15)

OPTIONS

SPCVR-1001/1201/1501

Speaker Cover



BBS251

Baton Bracket



BCS251

Ceiling Bracket



BWS251-300/400

Wall Bracket



DBR Series

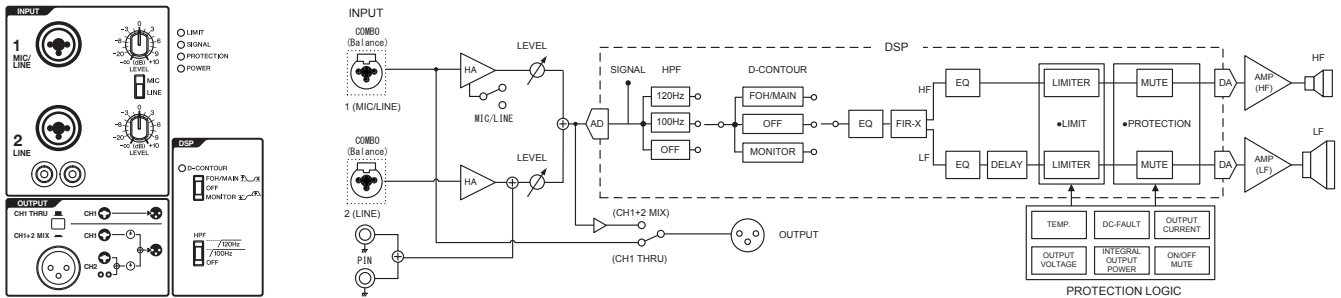
GENERAL SPECIFICATIONS

Model	DBR15	DBR12	DBR10
Speaker Type	2-way, Bi-amp Powered Speaker, Bass-reflex Type		
Frequency Range	-10dB 50Hz - 20kHz	52Hz - 20kHz	55Hz - 20kHz
Nominal coverage (Horizontal x Vertical)	90° x 60° Constant directivity horn		
Maximum SPL (1m, on axis)	132dB SPL	131dB SPL	129dB SPL
Components	LF 15" cone, 2.5" voice coil HF 1.4" compression driver (1" throat)	12" cone, 2" voice coil	10" cone, 2" voice coil 1" compression driver (1" throat)
Crossover Type	FIR-X tuning™ (Linear phase FIR filter)		
Crossover Frequency	2.1kHz	2.1kHz	2.1kHz
Output Power	Dynamic 1000 W (LF: 800 W, HF: 200 W) Continuous 465 W (LF: 400 W, HF: 65 W)		700 W (LF: 500 W, HF: 200 W) 325 W (LF: 260 W, HF: 65 W)
Connectors	Input Input1: Combo x1, Input2: Combo x1, RCA-pin x2 (Unbalanced) Output Output: XLR3-32 x1 (CH1 Parallel Through or CH1+CH2 Mix)		
Processors	D-CONTOUR: FOH/MAIN, MONITOR, OFF		
Power Requirements	100V, 100-120V, 220 - 240V, 110/127/220V(Brazil), 50/60Hz		
Power Consumption	74W		60W
Flying and Mounting Hardware	Bottom x 2, Rear x 1 (Fit for M8 x 15mm eyebolts)		Bottom x 2 (Fit for M8 x 15mm eyebolts)
Pole socket	35mm		
Dimensions (W x H x D)	455 x 700 x 378mm (17.9" x 27.6" x 14.9")	376 x 601 x 348 mm (14.8" x 23.7" x 13.7")	308 x 493 x 289 mm (12.1" x 19.4" x 11.4")
Weight	19.3kg (42.6 lbs)	15.8kg (34.8 lbs)	10.5kg (23.2 lbs)
Material, Finish, Color	Plastic, Black		

INPUT SPECIFICATIONS

Model	DBR15	DBR12	DBR10
Connectors	Input INPUT1: Combo x1, INPUT2: Combo x1, RCA-pin x2 (Unbalanced) Output OUTPUT: XLR3-32 x1 (CH1 Parallel Through or CH1+CH2 Mix)		
Input Impedance	INPUT1(XLR, TRSPhone): 3k Ω , INPUT2(XLR, Phone, RCA PIN): 10k Ω		
Input Sensitivity (LEVEL: Maximum)	INPUT1: LINE: 0 dBu, MIC: -32 dBu, INPUT2: 0 dBu		
Input Sensitivity (LEVEL: Center)	INPUT1: LINE: +10 dBu, MIC: -22 dBu, INPUT2: +10 dBu		
Maximum Input Level	INPUT1: LINE: +24 dBu, MIC: -8 dBu, INPUT2: +24 dBu		

REAR PANELS & BLOCK DIAGRAMS



DIMENSIONS

