



DSR112

12" 2-way Active Loudspeaker

Overview	Specifications
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Active Loudspeakers

System		DSR112
System Type		12" 2-way, Bi-amp Powered Speaker, Bass-reflex Type
Frequency Range (-10dB)		55Hz ~ 20kHz
Frequency Response (-3dB)		60Hz ~ 18kHz
Coverage Angle		H90°×V60°
Crossover Type		FIR-X tuning (linear phase FIR filter)
Crossover Frequency		1.7kHz
Measured Maximum SPL (peak)	IEC noise @ 1m	134dB SPL
Amplifier		
Amplifier Type		Class-D
Power Rating*1		1300W
Low-Frequency		850W
High-Frequency		450W
Cooling		Natural Convection
Controls		LEVEL control, LINE/MIC switch, HPF switch, D-CONTOUR switch, FRONT LED DISABLE switch, POWER switch
Indicators		PEAK: x1 (Red), LIMIT:x1 (Red), PROTECTION:x1 (Red), POWER:x1 (Green), FRONT:x1 (White), HPF:x1 (Orange), D-CONTOUR :x1 (Orange)
HPF Frequency		120Hz (-6dB) 24dB/oct
Boost Type		D-CONTOUR (Dynamic CONTOUR)

Protection	Load	POWER switch on/off: Mute
		DC-fault: power supply shuts down automatically (reset manually)
		Integral Power Protection: Limit the output (return automatically)
		Clip limiting
	Amplifier	Thermal: Limit the output or Mute (return automatically)
		Output through current: Amplifier shuts down automatically (reset manually)
	Power supply	Thermal : Amplifier shuts down automatically (reset manually)
Over voltage: power supply shuts down automatically (reset manually)		
Connectors	Input	XLR-3-31 x1 (Balanced) TRS Phone Jack x1 (Balanced)
	Output	XLR-3-32 x1 (Balanced) Parallel connection with INPUT
	Power	AC inlet x1
Power Consumption	1/8Power	100W
Transducer		
Low-Frequency		12" cone
Magnet	Materials	Neodymium Magnet
Voice Coil	Diameter	3"
High-Frequency		2" Titanium diaphragm compression driver
Magnet	Materials	Neodymium Magnet
Enclosure		
Dimension (W x H x D)		370×638×368mm (14 5/8"x25 2/8"x14 4/8")
Weight		21.2kg (47lbs)
Externals Finish, Color		LINE-X®, Black
Grille		16 gauge matte black powder coated perforated steel grille
Metal Handle		1pc (Top Board)
Pole Socket	Diameter	35mm (Bottom Board)
Flying Hardware		3 x M10 (TOP L/R 1pc each, Bottom rear 1pc)

INPUT CHARACTERISTICS

MIC/LINE switch: LINE		
Input Sensitivity	LEVEL position: maximum	0dBu
	LEVEL position: center(12 O'clock)	+7dBu
Maximum Input Level		+24dBu
Input Impedance		12kΩ
MIC/LINE switch: MIC		

Input Sensitivity	LEVEL position: maximum	-25dBu
Maximum Input Level		-11dBu
Input Impedance		8k Ω