



LOUDSPEAKERS

CHR SERIES

CHR15 CHR12M CHR10



PERFORMANCE. OPTIMIZED.

The CHR Series offers an ideal solution for anyone ready to step up their sound reinforcement game to a new level of professional quality, accuracy, and performance. Premium plywood cabinets finished in a tough polyurea coating provide durability not found on other loudspeakers in this class. Each model in the series has been optimized to meet the demands of a variety of sound reinforcement applications, with a 10" model for fixed installation and utilities, a 12" model designed for use as a floor monitor, and a 15" version for FOH applications—all featuring carefully selected custom transducers. Combined with practical features adapted for their specific applications, the series gives you the flexibility to choose the ideal speaker for a wide variety of sonic environments. Isn't it time you audition CHR quality and performance to improve your sound?

Custom Designed Transducers

The high power output woofers deliver well-defined, powerful bass with minimal distortion, while the 1.4" precision compression driver* produces accurate mid-range and high frequencies.

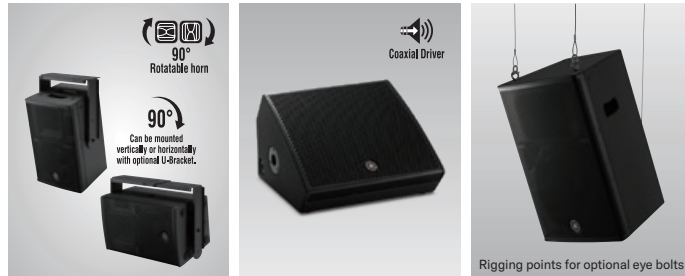
*CHR12M features a 1.75" coaxial compression driver.



12" coaxial driver

Cabinet designs optimized for a range of audio environments

The CHR Series features a comprehensive lineup of loudspeakers with cabinets optimized to meet the demands of specific applications. The 10" model is equipped with rotating horns and a dedicated U-bracket for use in fixed installations and utility, while the 12" model is the first Yamaha speaker to feature a coaxial compression driver for improved clarity and smoother frequency response for floor monitoring. The series is rounded out by a 15" model featuring



CHR10

CHR12M

CHR15

dual-angle pole sockets and rigging points for use in fixed installations or as temporary main speakers for sound reinforcement.

A Rugged, Highly Portable Cabinet

The CHR series feature plywood enclosures like our acclaimed CZR loudspeakers to deliver outstanding durability and acoustic performance.



Intelligent processing to maximize system performance

When used in combination with Yamaha PX Series amplifiers or other compatible signal processors, CHR Series loudspeakers can take full advantage of dedicated speaker



processor tuning settings. Additionally, the CHR Series can also be used to construct a system in combination with Yamaha subwoofers (visit Yamaha pro-audio website for more information).

	Power Rating ¹	Maximum SPL ²	Frequency Range (-10dB)	LF	HF	Coverage Angle
CHR15	1000W	125dB SPL	49Hz-20 kHz	15" Cone	1.4" diaphragm, 1" throat	H90° x V60°
CHR12M	1000W	123dB SPL	61Hz-20kHz	12" Cone (coaxial with HF)	1.75" diaphragm, 1" throat	H90° x V60°
CHR10	700W	122dB SPL	55Hz-20kHz	10" Cone	1.4" diaphragm, 1" throat	H90° x V60° (Rotatable)

¹EIA426-A, Passive PGM ²Calculated Maximum SPL (peak)

Specifications

		CHR15	CHR12M	CHR10
General				
System Type		2-way Speaker, Bass-reflex		
Frequency Range (-10dB)		49 Hz - 20 kHz	61 Hz - 20 kHz	55 Hz - 20 kHz
Coverage Angle		H90° x V60°	H90° x V90°	H90° x V60° (Rotatable)
Crossover Frequency		2.0 kHz	1.5 kHz	2.5 kHz
Nominal Impedance		8Ω		
Power Rating (EIA 426-A)	NOISE	250W		175W
	PGM	500W		350W
	MAX	1000W		700W
Sensitivity (1W, 1m) *1		95dB SPL	93dB SPL	93dB SPL
Maximum SPL (Calculated, 1m) *1		125 dB SPL	123 dB SPL	122 dB SPL
Transducer				
LF	Diameter	15" Cone	12" Cone	10" Cone
	Voice Coil	2.5"		2"
	Magnet	Ferrite		
HF	Diaphragm	1.4" PET	1.75" PET	1.4" PET
	Type	1" Throat Compression Driver	1" Throat Compression Driver, Coaxial	1" Throat Compression Driver
	Magnet	Ferrite		
Enclosure				
Material, Finish, Color		Plywood, Durable Polyurea coating, Black		
Floor Monitor Angle		-	57°	-
Dimensions (W x H x D, with rubber feet)		432 x 692 x 405 mm 17.0" x 27.2" x 15.9"	500 x 343 x 454 mm 19.7" x 13.5" x 17.9"	305 x 494 x 300 mm 12.0" x 19.5" x 11.8"
Net Weight		22.0 kg (48.5 lbs)	15.6 kg (34.4 lbs)	13.7 kg (30.2 lbs)
Handles		Side x2	Side x1	Top x1
Pole Socket		Φ35 mm x2 (0° or -7°)	Φ35 mm	
Rigging Points for eyebolts		M10 x3 (Top x2, Rear x1, L:30-50mm)	-	M10 x3 (Top x2, Rear x1, L:30-50mm)
Connectors		SpeakON NL4MP x 2 (Parallel)		
Options	Speaker Bracket	-	-	UB-DXRDR10
	Speaker Cover	-	-	-

*1: Full space (4π)

Optional Bracket

U Bracket

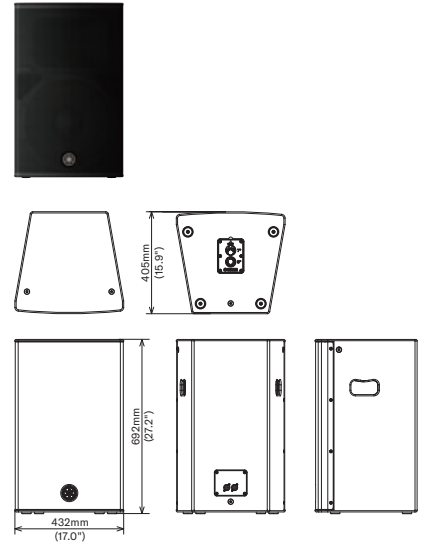


Model	Compatible Speaker
UB-DXRDR10	CHR10

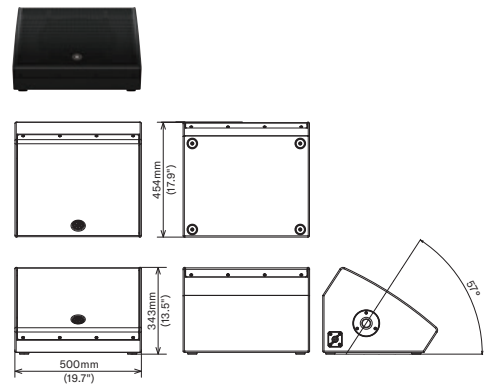
Allows both vertical and horizontal installation.
This brackets can also be used with other brackets like BBS251 etc.

Dimensions

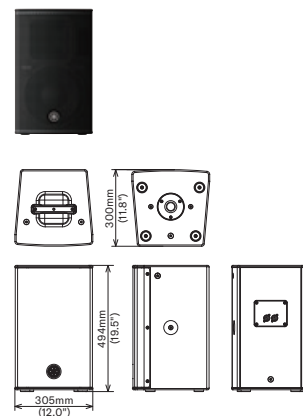
CHR15



CHR12M



CHR10



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