

## R Series Specifications

	R215	R115	R112
Type	15" x 2, 2way bass reflex	15" 2way bass reflex	12" 2way bass reflex
Frequency Range	40Hz-20kHz (-10dB)	50Hz-20kHz (-10dB)	55Hz-20kHz (-10dB)
Power Capacity	Program:1000W / Peak:2000W	Program:500W / Peak:1000W	Program:400W / Peak:800W
Nominal Impedance	4 ohms	8 ohms	8 ohms
Sensitivity	98dB	98dB	97dB
Nominal Dispersion	90H x 40V C.D.	90H x 40V C.D.	90H x 40V C.D.
MAX SPL	131dB	128dB	126dB
Crossover Frequency	1.5kHz	1.7kHz	1.7kHz
Components	LF Driver:15" cone x 2 HF Driver:1.75", Ti vc, CD-Horn	LF Driver:15" cone HF Driver:1.75", Ti vc, CD-Horn	LF Driver:12" cone HF Driver:1.75", Ti vc, CD-Horn
Cabinet shape	Trapezoid	Trapezoid	Trapezoid
Finish	Paint	Paint	Paint
Handle	Metal Handle x 2	Metal Handle x 2	Metal Handle x 2
OTHER Flying Wear	—	Top x 2, Rear x 1	Top x 2, Rear x 1
Input Connectors	Speakon x 1, Phone x 2	Speakon x 1, Phone x 2	Speakon x 1, Phone x 2
Dimensions (WxHxD) (mm)	520x1175x600 (20-1/2"x46-1/4"x23-5/8")	520x765x470 (20-1/2"x30-1/8"x18-1/2")	480x695x400 (18-7/8"x27-3/8"x15-3/4")
Net Weight	69.0 kg (152.12 lbs.)	35.0 kg (77.16 lbs.)	26.5 kg (57.32 lbs.)

	R15M	R12M	R118W
Type	15" 2way bass reflex	12" 2way bass reflex	18" bass reflex
Frequency Range	50Hz-20kHz (-10dB)	55Hz-20kHz (-10dB)	35Hz-3kHz (-10dB)
Power Capacity	Program:500W / Peak:800W	Program:400W / Peak:800W	Program:500W / Peak:1000W
Nominal Impedance	8 ohms	8 ohms	8 ohms
Sensitivity	98dB	97dB	97dB
Nominal Dispersion	40H x 90V C.D.	40H x 90V C.D.	—
MAX SPL	128dB	126dB	127dB
Crossover Frequency	1.7kHz	1.7kHz	—
Components	LF Driver:15" cone HF Driver:1.75", Ti vc, CD-Horn	LF Driver: 12" cone HF Driver:1.75", Ti vc, CD-Horn	LF Driver:18" cone HF Driver:—
Cabinet shape	30 deg. slant	30 deg. slant	Rectangularly
Finish	Paint	Paint	Paint
Handle	Metal Handle x 2	Metal Handle x 2	Metal Handle x 2
OTHER Flying Wear	—	—	—
Input Connectors	Speakon x 1, Phone x 2	Speakon x 1, Phone x 2	Speakon x 1, Phone x 2
Dimensions (WxHxD) (mm)	745x490x400 (29-5/16"x19-5/16"x15-3/4")	675x450x380 (26-9/16"x17-11/16"x14-15/16")	562x811x639 (22-1/8"x31-15/16"x25-1/8")
Net Weight	30.5 kg (67.24 lbs.)	24.0 kg (52.91 lbs.)	49.5 kg (109.13 lbs.)

## A Series Specifications

	A15	A12	A10	A12M	A15W
Enclosures Type	15" 2way bass reflex	12" 2way bass reflex	10" 2way bass reflex	12" 2way bass reflex	15" bass reflex
Speaker Unit	LF:15" cone HF:1" VC, Horn-TW	LF:12" cone HF:1" VC, Horn-TW	LF:10" cone HF:1" VC, Horn-TW	LF:12" cone HF:1" VC, Horn-TW	LF:15" cone —
Frequency Range	65Hz-20kHz (-10dB)	65Hz-20kHz (-10dB)	65Hz-20kHz (-10dB)	65Hz-20kHz (-10dB)	50Hz-200Hz (-10dB)
Power Capacity	Noise*:200W Program:400W Max.:800W	Noise*:150W Program:300W Max.:600W	Noise*:125W Program:250W Max.:500W	Noise*:150W Program:300W Max.:600W	Noise*:250W Program:500W Max.:1000W
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Sensitivity	98dB SPL (1w, 1m)	97dB SPL (1w, 1m)	98dB SPL (1w, 1m)	97dB SPL (1w, 1m)	97dB SPL (1w, 1m)
	127dB SPL (MAX)	125dB SPL (MAX)	123dB SPL (MAX)	125dB SPL (MAX)	127dB SPL (MAX)
Input Connectors	Speakon x 1, Phone x 1	Speakon x 1, Phone x 1	Speakon x 1, Phone x 1	Speakon x 1, Phone x 1	Speakon x 2, Phone x 2
Dimensions (mm)	470x665x375 mm (18-1/2"x26-3/16"x14-13/16")	405x575x323 mm (15-7/8"x22-5/8"x12-3/4")	385x535x307 mm (15-3/16"x21-1/16"x12-1/16")	575x405x323 mm (22-5/8"x15-7/8"x12-3/4")	485x622x485 mm (19-1/8"x24-1/2"x19-1/8")
Weight	21.3Kg (46.9 lbs.)	16Kg (35.3 lbs.)	14.4Kg (31.7 lbs.)	15.6Kg (34.4 lbs.)	20.9Kg (46.1 lbs.)

\* EIA RS-426

Specifications and appearances are subject to change without notice.

YAMAHA Web Site [www.yamahaproaudio.com](http://www.yamahaproaudio.com)



Yamaha Speakers



This document is printed on chlorine-free (ECF) paper with soy ink.

AP???? ???? Printed in Japan

# R SERIES Delivering Yamaha Quality and Outstanding Cost Performance

Yamaha's Club Series loudspeakers have long been a popular choice among audio professionals and musicians for offering quality components, excellent performance, and durability at an affordable price. In that same tradition, the R-Series offers powerful sound, practical function, features, and audio quality at a price that is even harder to beat.

Features like high-power woofers, titanium high frequency compression drivers, and constant directivity horns, deliver audio performance that is hard to obtain in this price range. Neutrik's Speakon connectors, durable MDF enclosures, big heavy-duty steel handles, durable finishes, and heavy-duty grills offer convenience and protection that professionals look for in a sound system.

Enclosures are designed with rounded fronts that look better when multiple units are arranged in an array and the series offers six different models, designed to meet the needs of a variety of budgets and applications.

## R215

- 2-way system with dual 15" woofers
- 2000 watts peak power handling
- 1.75" titanium HF driver
- 90° X 40° CD horn

## R115

- 15" 2-way with 1.75" titanium HF driver
- 1000 watts peak power handling
- 90° X 40° CD horn
- Flyable

## R118W

- 18" subwoofer
- 1000 watts peak power handling

## R112

- 12" 2-way with 1.75" titanium HF driver
- 800 watts peak power handling
- 90° X 40° CD horn
- Flyable

## R15M

- 15" 2-way floor monitor
- 1.75" titanium HF driver/90° X 40° CD horn
- 1000 watts peak power handling

## R12M

- 12" 2-way floor monitor
- 1.75" titanium HF driver/90° X 40° CD horn
- 800 watts peak power handling

## High Frequency Driver

This rigid and lightweight 1.75-inch titanium driver delivers accurate high frequency reproduction.



## Crossover

Heavy-duty crossover networks are highly durable.



## Connectors

All models are equipped with a single Neutrik Speakon connector and two phone jacks, all wired in parallel.



## Horn

Two-way systems utilize a 90° X 40° constant directivity horn in combination with dynamic compression drivers to provide high performance and smooth response.



## Low Frequency Drivers

The R-series offers 12", 15", and 18" woofers that are designed to deliver powerful low-end sound.

## Low-End Magnets

Massive magnets on low frequency drivers produce a powerful magnetic field that contributes to powerful low-end response.



## Handles

Big heavy-duty steel handles let you get a firm grip on the speakers and are big enough to accommodate gloved hands.



## Flyable

Both the R112 and R115 are equipped with fittings that allow quick attachment of hardware for flying the speakers.



## Enclosure

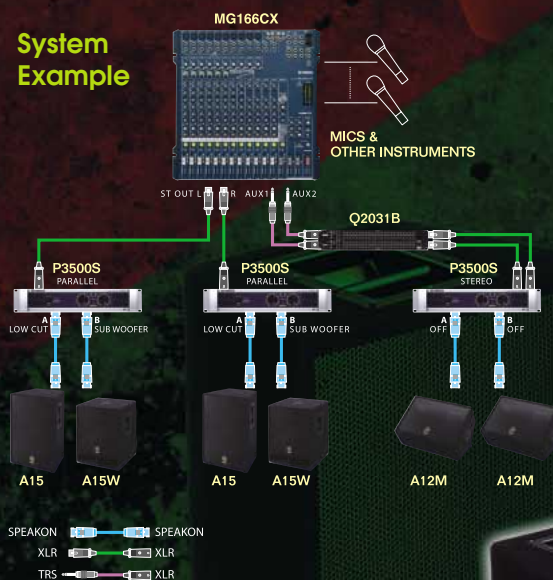
All enclosures are constructed of durable MDF (medium density fiberboard) and designed with curved fronts for smoother looking arrays.

# A SERIES Powerful Sound Output with Outstanding Clarity

From solo entertainers to touring bands, jazz clubs to houses of worship, for any situation that needs a quality sound system, Yamaha's A Series speakers are worth a good look and listen. In addition to sounding superb and being capable of handling serious power, these speakers are light, compact and easily manageable when the system needs to be moved or reconfigured. They feature durable metal handles that will withstand nightly transportation, and are pole-mountable for optimum positioning in any room. Robust carpet covering and metal grilles are pluses, too, minimizing damage while looking downright handsome. But, of course, practicality isn't the only issue.

You want great sound, too. The A Series speakers feature optimally matched high-power woofers, compression drivers, and constant-directivity horns that deliver your sound to every corner of the room with every subtle nuance intact. There's also a range of five models to choose from, so you can create the system that is perfect for your touring or installation needs. One possible system is shown in the example below: a pair of A15 and A15W's for the house and a pair of A12M's on the floor or wherever you need them to hear precisely what you're playing or singing.

## System Example



## Features

- Pole mountable
- Hardwearing metal grills
- Durable metal handles
- Speakon™ connectivity
- Lightweight yet powerful
- Ideally matched to Yamaha EMX powered mixers and P series amplifiers
- 1" Pure Titanium Compression Driver

## Yamaha A Series Speakers — Where Price and Power Matter

The all new A Series speakers are specifically designed and voiced for those who care about their sound. With sound quality, durability, and affordability set as design priorities, this new range of speakers delivers powerful sound output with great clarity, and does it all at a great price. Yamaha has combined understanding of acoustics and advanced computer controlled woodworking to create the A series. With high-power woofers and real, dynamic compression drivers and constant directivity horns, they'll provide performance you didn't think you could afford!

## Sound Quality

High power woofers, dynamic compression drivers and constant directivity horns mean that sound quality has not been compromised.

## Quality

The A series share the same attention to detail and build quality-control as the top-end Yamada V series PA speakers.

## Practical

With robust carpet finish, durable metal grill and steel carry handles, A series are designed for life on the road or demanding environments. The addition of a Speakon™ connector ensures these speakers will easily slot into many existing setups.

## Wide variety of cabinets

Yamaha recognizes that their speakers are enjoyed in many different environments. From solo entertainers to gigging hands, from Club installation to places of worship. The 5 new A series speakers offer solutions for a wide variety of applications.

## A12

## A15

## A10

## A15W

## A12M