

# Installation Series

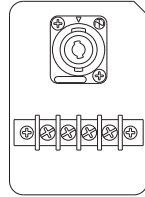
## Speaker System



IF2115



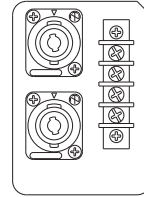
IF2115 (M)  
Rear Panel



IF2115/AS



IF2115/AS  
Rear Panel



IF2115

IF2115M

IF2115/AS

Two-way full-range models with 15-inch woofers for solid low-frequency response.

- Sound and phase characteristics matched with all other Installation Series models for optimum performance in any combination.
- 15" woofer specially treated for superior sound and durability.
- 3" high-frequency compression driver with 1.4" exit (IF2115 and IF2115/AS) or 1.7" high-frequency compression driver with 1.4" exit (IF2115M).
- Three horn dispersion patterns available for IF2115 and IF2115M: 60° x 40° (/64), 90° x 50° (/95), and 90° x 90° (/99).
- Horn can be rotated 90-degrees for vertical or horizontal mounting.
- Switchable between passive and bi-amp operation.
- Fifteen 10-mm (M10) screw and four 8-mm (M8) screw suspension points provided for flexible rigging on the IF2115 and IF2115M; 16 10-mm screw (M10) points on the IF2115/AS.
- Durable black or white finish (can be painted to match any interior).
- Optional matching array frame and U-bracket available for the IF2115 and IF2115M.
- Optional matching U-bracket available for the IF2115/AS.
- Parallel-wired Neutrik NL4 and barrier strip connectors.
- IF2115/AS cabinet design is ideal for floor monitor use. Also features pole socket\* for pole mounting.

\*Warning when using the pole socket

Make sure that the pole is mounted vertically when you mount the speaker to the pole.

Please refer to the Owner's Manual for details.

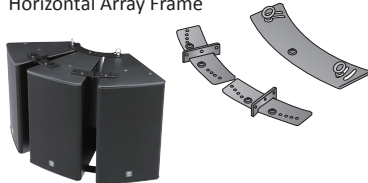
### OPTIONS

#### Accessories

Durable black or white finish which can be painted to match any interior.

#### HAF3-2115

Horizontal Array Frame

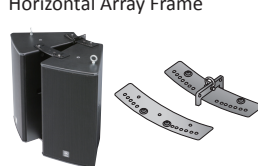


Weight:  
10kg (22lbs)

\*available for IF2115 and IF2115M

#### HAF2-2115

Horizontal Array Frame

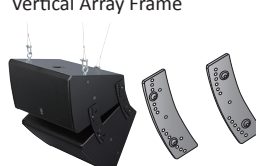


Weight:  
5kg (11lbs)

\*available for IF2115 and IF2115M

#### VAF2-2115

Vertical Array Frame

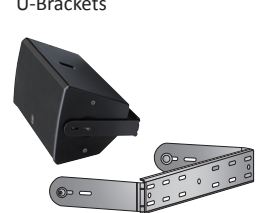


Weight:  
5kg (11lbs)

\*available for IF2115 and IF2115M

#### UB2115

U-Brackets



Weight:  
9kg (19.8lbs)

Download the Rigging Guide from Yamaha's website for rigging details:  
<http://www.yamahaproaudio.com/>

# Installation Series

## GENERAL SPECIFICATIONS

Model	IF2115/64		IF2115/95	IF2115/99	IF2115/AS	
Nominal coverage @-6dB (Horizontal x Vertical)	60 x 40 (rotatable)		90 x 50 (rotatable)	90 x 90	60-100 x 60 (rotatable)	
Nominal impedance	Passive	8 $\Omega$				
	Bi-amp MF/HF	LF:8 $\Omega$ , HF:8 $\Omega$				
Power rating	Passive *1	NOISE	600W			
		PGM	1200W			
		MAX	2400W			
	Bi-amp LF/HF *2	NOISE	LF:700W, HF:110W			
		PGM	LF:1400W, HF:220W			
		MAX	LF:2800W, HF:440W			
Sensitivity (1W, 1m)	Passive	97dB SPL				
	Bi-amp	LF	98dB SPL			
		HF	110dB SPL	108dB SPL	106dB SPL	108dB SPL
Continuous SPL (calculated)	Passive	125dB SPL				
	Bi-amp	LF	125dB SPL			
		HF	130dB SPL	128dB SPL	126dB SPL	128dB SPL
Peak SPL (calculated)	Passive	131dB SPL				
	Bi-amp	LF	132dB SPL			
		HF	136dB SPL	134dB SPL	132dB SPL	134dB SPL
Components	LF	15" woofer, 4" voice coil				
	HF	Rotatable constant directivity horn, 1.4" exit, 3" voice coil compression driver				
Frequency range (-10dB) *3	45Hz-20kHz					
Passive Crossover Frequency *4	900Hz		1.2kHz	1.1kHz		
Connectors	1x NL4 and barrier strip, wired in parallel				2x NL4 and barrier strip, wired in parallel	
Shape	30 degrees trapezoidal				Multi-angle wedge	
Dimensions (W x H x D)	448 x 770 x 534mm (17.6" x 30.3" x 21.0")				448 x 770 x 374mm (17.6" x 30.3" x 14.7")	
Weight	39.0kg (86.0lbs)				35.0kg (77lbs)	
Flying hardware	15 x M10, 4 x M8				16 x M10	
Optional accessories	UB2115, HAF2-2115, HAF3-2115, VAF2-2115				UB2115	
3rd Party	Omnimount (US)	120.0 series				
Accessories	Multimount (US, Allen products)	120 series				
	Powerdrive (UK)	120 series				

\*1 2 hours, IEC \*2 AES \*3 Bi-amp mode, Yamaha recommended DSP configuration, full-space \*4 At this frequency, the transducers produce equal sound pressure levels.

Model	IF2115M/64		IF2115M/95	IF2115M/99	
Nominal coverage @-6dB (Horizontal x Vertical)	60 x 40 (rotatable)		90 x 50 (rotatable)	90 x 90	
Nominal impedance	Passive	8 $\Omega$			
	Bi-amp MF/HF	LF:8 $\Omega$ , HF:8 $\Omega$			
Power rating	Passive *1	NOISE	350W		
		PGM	700W		
		MAX	1400W		
	Bi-amp LF/HF *2	NOISE	LF:400W, HF:60W		
		PGM	LF:800W, HF:120W		
		MAX	LF:1600W, HF:240W		
Sensitivity (1W, 1m)	Passive	97dB SPL			
	Bi-amp	LF	98dB SPL		
		HF	110dB SPL	108dB SPL	108dB SPL
Continuous SPL (calculated)	Passive	122dB SPL			
	Bi-amp	LF	124dB SPL		
		HF	128dB SPL	126dB SPL	126dB SPL
Peak SPL (calculated)	Passive	128dB SPL			
	Bi-amp	LF	130dB SPL		
		HF	134dB SPL	132dB SPL	132dB SPL
Components	LF	15" woofer, 3" voice coil			
	HF	Rotatable constant directivity horn, 1.4" exit, 1.7" voice coil compression driver			
Frequency range (-10dB) *3	45Hz-20kHz				
Passive Crossover Frequency *4	1.1kHz		1kHz	1.1kHz	
Connectors	1x NL4 and barrier strip, wired in parallel				
Shape	30 degrees trapezoidal				
Dimensions (W x H x D)	448 x 770 x 534mm (17.6" x 30.3" x 21.0")				
Weight	34.0kg (75.0lbs)				
Flying hardware	15 x M10, 4 x M8				
Optional accessories	UB2115, HAF2-2115, HAF3-2115, VAF2-2115				
3rd Party	Omnimount (US)	120.0 series			
Accessories	Multimount (US, Allen products)	120 series			
	Powerdrive (UK)	120 series			

\*1 2 hours, IEC \*2 AES \*3 Bi-amp mode, Yamaha recommended DSP configuration, full-space \*4 At this frequency, the transducers produce equal sound pressure levels.

## DIMENSIONS

unit : mm (inch)

● Center of balance

