

Installation Series

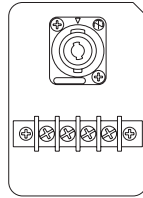
Speaker System



IF2115



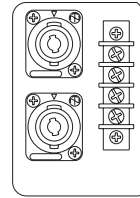
IF2115 (M)
Rear Panel



IF2115/AS



IF2115/AS
Rear Panel



IF2115

IF2115M

IF2115/AS

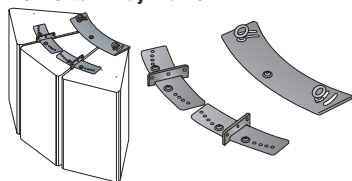
Two-way full-range models with 15-inch woofers for solid low-frequency response.

- 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.
- Downloadable Y-S3 (Yamaha Sound System Simulator) software offers precise performance simulation for Installation Series speakers.
- IF2115/AS cabinet design is also ideal for floor monitor use.

OPTIONS

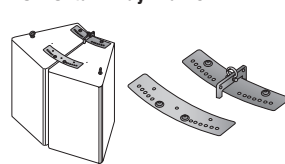
Accessories Durable black or white finish which can be painted to match any interior.

HAF3-2115 Horizontal Array Frame



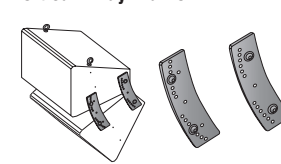
Weight:
10kg (22lbs)
*available for IF2115 and IF2115M

HAF2-2115 Horizontal Array Frame



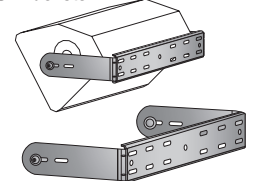
Weight:
5kg (11lbs)
*available for IF2115 and IF2115M

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(W)		IF2115/95(W)		IF2115/99(W)		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		8Ω		8Ω		8Ω		
Power rating	Bi-amp LF/HF	LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω	
		600W		600W		600W		600W	
	Passive *1	NOISE		1200W		1200W		1200W	
		PGM		2400W		2400W		2400W	
Recommended amplifier	Bi-amp LF/HF	LF:700W, HF:110W		LF:1400W, HF:220W		LF:2800W, HF:440W		T5n, PC9501N, XP7000	
		LF:1400W, HF:220W		LF:2800W, HF:440W		LF:2800W, HF:440W		LF:T5n, PC9501N, HF:XP1000, PC2001N	
	Passive	NOISE		131dB SPL		131dB SPL		131dB SPL	
		PGM		132dB SPL		132dB SPL		132dB SPL	
Sensitivity (1W, 1m)	Bi-amp	LF	110dB SPL	108dB SPL	106dB SPL	108dB SPL	97dB SPL	98dB SPL	
		HF	130dB SPL	128dB SPL	126dB SPL	128dB SPL	126dB SPL	128dB SPL	
Continuous SPL (calculated)	Bi-amp	LF	125dB SPL	125dB SPL	125dB SPL	126dB SPL	126dB SPL	126dB SPL	
		HF	126dB SPL	126dB SPL	126dB SPL	126dB SPL	126dB SPL	128dB SPL	
Peak SPL (calculated)	Bi-amp	LF	136dB SPL	134dB SPL	132dB SPL	132dB SPL	134dB SPL	134dB SPL	
		HF	134dB SPL	134dB SPL	132dB SPL	132dB SPL	134dB SPL	134dB SPL	
Components	LF		15" woofer, 4" voice coil		15" woofer, 4" voice coil		15" woofer, 4" voice coil		
Frequency range (-10dB) *3	LF		Rotatable constant directivity horn, 1/4" exit, 3" diaphragm compression driver		Rotatable constant directivity horn, 1/4" exit, 3" diaphragm compression driver		Rotatable constant directivity horn, 1/4" exit, 3" diaphragm compression driver		
Connectors	LF		50Hz-20kHz		50Hz-20kHz		50Hz-20kHz		
Shape	LF		1x NL4 and barrier strip, wired in parallel		1x NL4 and barrier strip, wired in parallel		2 x NL4 and barrier strip, wired in parallel		
Dimensions (W x H x D)	LF		30 degrees trapezoidal		30 degrees trapezoidal		Multi-angle wedge		
Weight	LF		448 x 770 x 534 (17.6" x 30.3" x 21.0")		448 x 770 x 534 (17.6" x 30.3" x 21.0")		448 x 770 x 374 (17.6" x 30.3" x 14.7")		
Flying hardware	LF		39.0kg (86.0lbs)		39.0kg (86.0lbs)		35.0kg (77lbs)		
Optional accessories	LF		15x M10, 4x M8		15x M10, 4x M8		16x M10		
3rd Party	LF		UB2115(W), HAF2-2115(W), HAF3-2115(W), VAF2-2115(W)		UB2115(W), HAF2-2115(W), HAF3-2115(W), VAF2-2115(W)		UB2115(W)		
Accessories	LF		120.0 series		120.0 series		-		
	LF		120 series		120 series		-		
	LF		120 series		120 series		-		
	LF		-		-		-		

*1 2hours, IEC *2 AES *3 Bi-amp mode, Yamaha recommended DSP configuration, full-space

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

*1 2hours, IEC *2 AES *3 Bi-amp mode, Yamaha recommended DSP configuration, full-space

DIMENSIONS

