

Installation Series

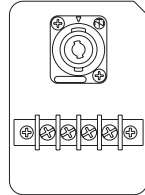
Speaker System



IF2112



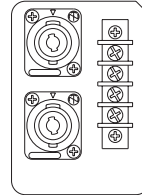
IF2112 (M)
Rear Panel



IF2112/AS



IF2112/AS
Rear Panel



IF2112

IF2112M

IF2112/AS

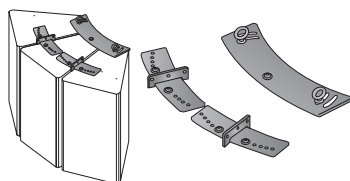
Two-way full-range models with 12-inch woofers deliver extraordinarily well-balanced sound.

- Sound and phase characteristics matched with all other Installation Series models for optimum performance in any combination.
- 12" woofer specially treated for superior sound and durability.
- 3" high-frequency compression driver with 1.4" exit (IF2112 and IF2112/AS) or 1.7" high-frequency compression driver with 1.4" exit (IF2112M).
- Three horn dispersion patterns available for IF2112 and IF2112M: 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 IF2112 and IF2112M; 16 10-mm screw (M10) points on the IF2112/AS.
- Durable black or white finish (can be painted to match any interior).
- Optional matching array frame and U-bracket available for the IF2112 and IF2112M.
- Optional matching U-bracket available for the IF2112/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.
- IF2112/AS cabinet design is also ideal for floor monitor use.

OPTIONS

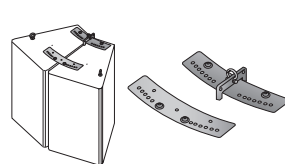
Accessories Durable black or white finish which can be painted to match any interior.

HAF3-2112 Horizontal Array Frame



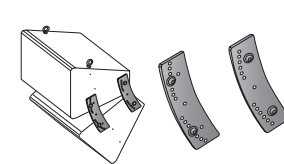
Weight:
9kg (19.8lbs)
*available for IF2112 and IF2112M

HAF2-2112 Horizontal Array Frame



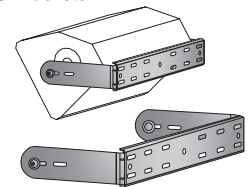
Weight:
4kg (8.8lbs)
*available for IF2112 and IF2112M

VAF2-2112 Vertical Array Frame



Weight:
4kg (8.8lbs)
*available for IF2112 and IF2112M

UB2112 U-Brackets



Weight:
4kg (8.8lbs)

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

Installation Series

GENERAL SPECIFICATIONS

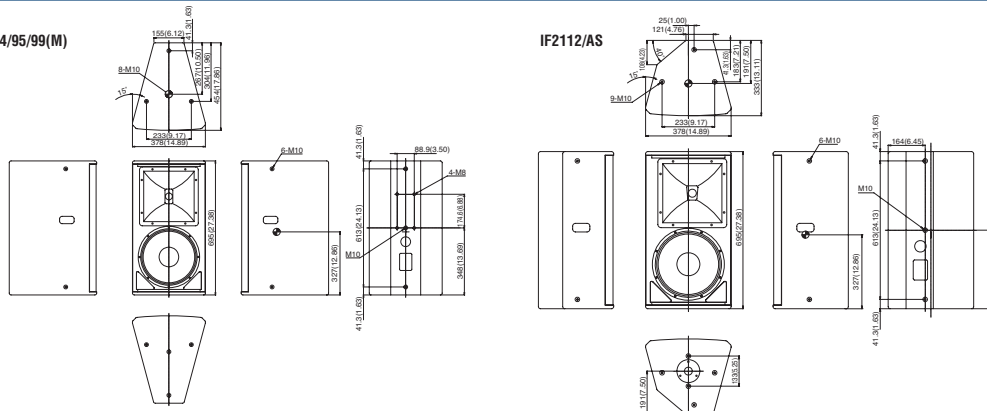
MODEL	IF2112/64(W)		IF2112/95(W)		IF2112/99(W)		IF2112/AS(W)	
Nominal coverage @-6dB (Horizontal x Vertical)	60 x 40 (rotatable)		90 x 50 (rotatable)		90 x 90		60 -100 x 60 (rotatable)	
Nominal impedance	Passive		8Ω		8Ω		8Ω	
Power rating	Bi-amp LF/HF		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω	
	Passive *1	NOISE	600W		600W		600W	
		PGM	1200W		1200W		1200W	
		MAX	2400W		2400W		2400W	
Bi-amp LF/HF *2	NOISE	LF:700W, HF:110W		LF:700W, HF:110W		LF:700W, HF:110W		
	PGM	LF:1400W, HF:220W		LF:1400W, HF:220W		LF:1400W, HF:220W		
	MAX	LF:2800W, HF:440W		LF:2800W, HF:440W		LF:2800W, HF:440W		
Recommended amplifier	Passive		T5n, PC9501N, XP7000		T5n, PC9501N, XP7000		T5n, PC9501N, XP7000	
Sensitivity (1W, 1m)	Bi-amp LF/HF		LF:T5n, PC9501N, HF:XP1000, PC2001N		LF:T5n, PC9501N, HF:XP1000, PC2001N		LF:T5n, PC9501N, HF:XP1000, PC2001N	
	Passive	96dB SPL		96dB SPL		96dB SPL		
Continuous SPL (calculated)	Bi-amp	LF	110dB SPL	108dB SPL	124dB SPL	106dB SPL	108dB SPL	
		HF			124dB SPL		128dB SPL	
Peak SPL (calculated)	Bi-amp	LF	130dB SPL	128dB SPL	130dB SPL	126dB SPL	128dB SPL	
		HF			130dB SPL		134dB SPL	
Components	LF		12" woofer, 4" voice coil		12" woofer, 4" voice coil		12" woofer, 4" voice coil	
	HF		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	
Frequency range (-10dB) *3			50Hz-20kHz		50Hz-20kHz		50Hz-20kHz	
Connectors			1x NL4 and barrier strip, wired in parallel		1x NL4 and barrier strip, wired in parallel		2x NL4 and barrier strip, wired in parallel	
Shape			30 degrees trapezoidal		30 degrees trapezoidal		Multi-angle wedge	
Dimensions (W x H x D)			378 x 695 x 454 (14.9" x 27.4" x 17.9")		378 x 695 x 454 (14.9" x 27.4" x 17.9")		378 x 695 x 333 (14.9" x 27.4" x 13.1")	
Weight			31.0kg (68.0lbs)		31.0kg (68.0lbs)		29.0kg (64lbs)	
Flying hardware			15 x M10, 4 x M8		15 x M10, 4 x M8		16x M10	
Optional accessories			UB2112(W), HAF2-2112(W), HAF3-2112(W), VAF2-2112(W)		UB2112(W), HAF2-2112(W), HAF3-2112(W), VAF2-2112(W)		UB2112(W)	
3rd Party	Omnimount (US)			120.0 series		-		
Accessories	Multimount (US, Allen products)			120 series		-		
	Powerdrive (UK)			120 series		-		
	Dhashi (Japan)			-		-		

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

MODEL	IF2112M/64(W)		IF2112M/95(W)		IF2112M/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		
	Passive *1	NOISE	350W		350W		
		PGM	700W		700W		
		MAX	1400W		1400W		
Bi-amp LF/HF *2	NOISE	LF:400W, HF:60W		LF:400W, HF:60W			
	PGM	LF:800W, HF:120W		LF:800W, HF:120W			
	MAX	LF:1600W, HF:240W		LF:1600W, HF:240W			
Recommended amplifier	Passive		T3n, PC6501N, XP7000		T3n, PC6501N, XP7000		
Sensitivity (1W, 1m)	Bi-amp LF/HF		LF:T3n, PC6501N, XP7000, HF:XP1000, PC2001N		LF:T3n, PC6501N, XP7000, HF:XP1000, PC2001N		
	Passive	95dB SPL		96dB SPL		96dB SPL	
Continuous SPL (calculated)	Bi-amp	LF	110dB SPL	120dB SPL	108dB SPL	108dB SPL	
		HF		121dB SPL		126dB SPL	
Peak SPL (calculated)	Bi-amp	LF	128dB SPL	126dB SPL	126dB SPL	126dB SPL	
		HF		127dB SPL		132dB SPL	
Components	LF		12" woofer, 3" voice coil		12" woofer, 3" voice coil		
	HF		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		
Frequency range (-10dB) *3			55Hz-20kHz		55Hz-20kHz		
Connectors			1x NL4 and barrier strip, wired in parallel		1x NL4 and barrier strip, wired in parallel		
Shape			30 degrees trapezoidal		30 degrees trapezoidal		
Dimensions (W x H x D)			378 x 695 x 454 (14.9" x 27.4" x 17.9")		378 x 695 x 454 (14.9" x 27.4" x 17.9")		
Weight			28.0kg (61.0lbs)		28.0kg (61.0lbs)		
Flying hardware			15 x M10, 4 x M8		15 x M10, 4 x M8		
Optional accessories			UB2112(W), HAF2-2112(W), HAF3-2112(W), VAF2-2112(W)		UB2112(W), HAF2-2112(W), HAF3-2112(W), VAF2-2112(W)		
3rd Party	Omnimount (US)			120.0 series		-	
Accessories	Multimount (US, Allen products)			120 series		-	
	Powerdrive (UK)			120 series		-	
	Dhashi (Japan)			-		-	

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

DIMENSIONS



unit : mm (inch)