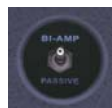


Installation Series

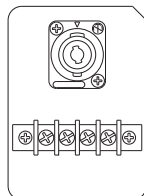
Speaker System



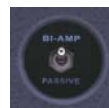
IF2112



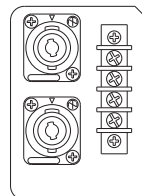
IF2112 (M)
Rear Panel



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.
- IF2112/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.

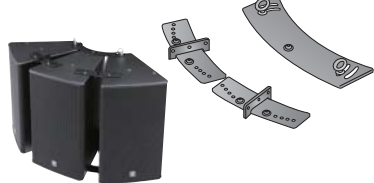
OPTIONS

Accessories

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

HAF3-2112

Horizontal Array Frame

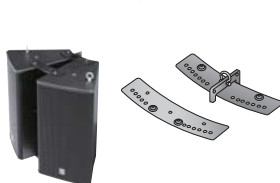


Weight:
9kg (19.8lbs)

*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	
	Bi-amp LF/HF		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω	
Power rating	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	
Sensitivity (1W, 1m)	Passive		96dB SPL		96dB SPL		96dB SPL	
	Bi-amp	LF HF	110dB SPL	108dB SPL	106dB SPL	108dB SPL	108dB SPL	108dB SPL
Continuous SPL (calculated)	Passive		124dB SPL		124dB SPL		124dB SPL	
	Bi-amp	LF HF	130dB SPL	128dB SPL	126dB SPL	128dB SPL	128dB SPL	128dB SPL
Peak SPL (calculated)	Passive		130dB SPL		130dB SPL		130dB SPL	
	Bi-amp	LF HF	136dB SPL	134dB SPL	132dB SPL	134dB SPL	134dB 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" voice coil compression driver		Rotatable constant directivity horn, 1.4" exit, 3" voice coil compression driver		Rotatable constant directivity horn, 1.4" exit, 3" voice coil compression driver	
Frequency range (-10dB) ^{*3}			50Hz-20kHz		50Hz-20kHz		50Hz-20kHz	
Passive Crossover Frequency ^{*4}			900 Hz		1.2 kHz		1.1 kHz	
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 454mm (14.9" x 27.4" x 17.9")		378 x 695 x 454mm (14.9" x 27.4" x 17.9")		378 x 695 x 333mm (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		120.0 series		-	
Accessories	Multimount (US, Allen products)		120 series		120 series		-	
	Powerdrive (UK)		120 series		120 series		-	
	Ohashi (Japan)		-		-		-	

*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.

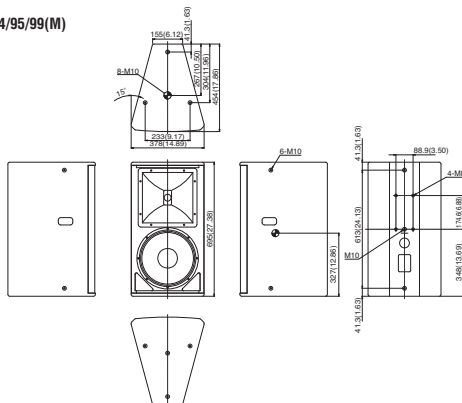
MODEL	IF2112M/64(W)		IF2112M/95(W)		IF2112M/99(W)		IF2112M/AS(W)	
Nominal coverage @-6dB (Horizontal x Vertical)	60 x 40 (rotatable)		90 x 50 (rotatable)		90 x 90		60-100 x 60 (rotatable)	
Nominal impedance	Passive		8Ω		8Ω		8Ω	
	Bi-amp LF/HF		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω		LF:8Ω, HF:8Ω	
Power rating	Passive ^{*1}	NOISE	350W		350W		350W	
		PGM	700W		700W		700W	
		MAX	1400W		1400W		1400W	
	Bi-amp LF/HF ^{*2}	NOISE	LF:350W, HF:60W		LF:350W, HF:60W		LF:350W, HF:60W	
		PGM	LF:700W, HF:120W		LF:700W, HF:120W		LF:700W, HF:120W	
		MAX	LF:1400W, HF:240W		LF:1400W, HF:240W		LF:1400W, HF:240W	
Sensitivity (1W, 1m)	Passive		95dB SPL		95dB SPL		95dB SPL	
	Bi-amp	LF HF	110dB SPL	108dB SPL	108dB SPL	108dB SPL	108dB SPL	108dB SPL
Continuous SPL (calculated)	Passive		120dB SPL		120dB SPL		120dB SPL	
	Bi-amp	LF HF	128dB SPL	126dB SPL	126dB SPL	126dB SPL	126dB SPL	126dB SPL
Peak SPL (calculated)	Passive		126dB SPL		126dB SPL		126dB SPL	
	Bi-amp	LF HF	134dB SPL	132dB SPL	132dB SPL	132dB SPL	132dB SPL	132dB SPL
Components	LF		12" woofer, 3" voice coil		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		Rotatable constant directivity horn, 1.4" exit, 1.7" voice coil compression driver	
Frequency range (-10dB) ^{*3}			55Hz-20kHz		55Hz-20kHz		55Hz-20kHz	
Passive Crossover Frequency ^{*4}			1 kHz		1 kHz		1 kHz	
Connectors			1x NL4 and barrier strip, wired in parallel		1x NL4 and barrier strip, wired in parallel		1x 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 454mm (14.9" x 27.4" x 17.9")		378 x 695 x 454mm (14.9" x 27.4" x 17.9")		378 x 695 x 333mm (14.9" x 27.4" x 13.1")	
Weight			28.0kg (61.0lbs)		28.0kg (61.0lbs)		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		120.0 series		-	
Accessories	Multimount (US, Allen products)		120 series		120 series		-	
	Powerdrive (UK)		120 series		120 series		-	
	Ohashi (Japan)		-		-		-	

*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.

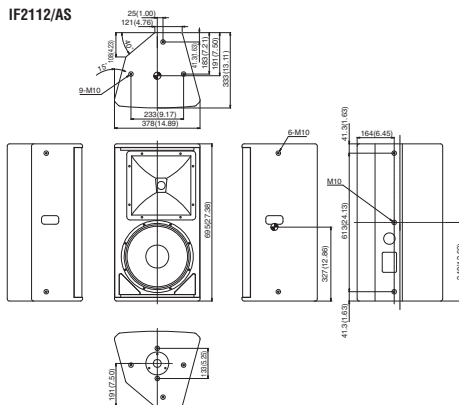
DIMENSIONS

unit : mm(inch)

IF2112/64/95/99(M)



IF2112/AS



● Center of balance