

Features

Sophisticated sound and design for matching any application.

- Series comprises two full-range models and two subwoofers available in either black or white.
- Features newly customized transducers for superb music reproduction as well as crystal clear announcements.
- Full-range models are equipped with internal transformer that allows operation at both high and low impedance.
- VXS8(W) offers IP35 rated protection, ensuring use in outdoor applications.
- Comes with a dedicated bracket for safe, trouble-free speaker installation.
- Overload protection circuit provided to protect speaker components.
- Comes with paintable speaker bodies, grilles and brackets for flexible design ideas.



Impedance selector

General Specifications

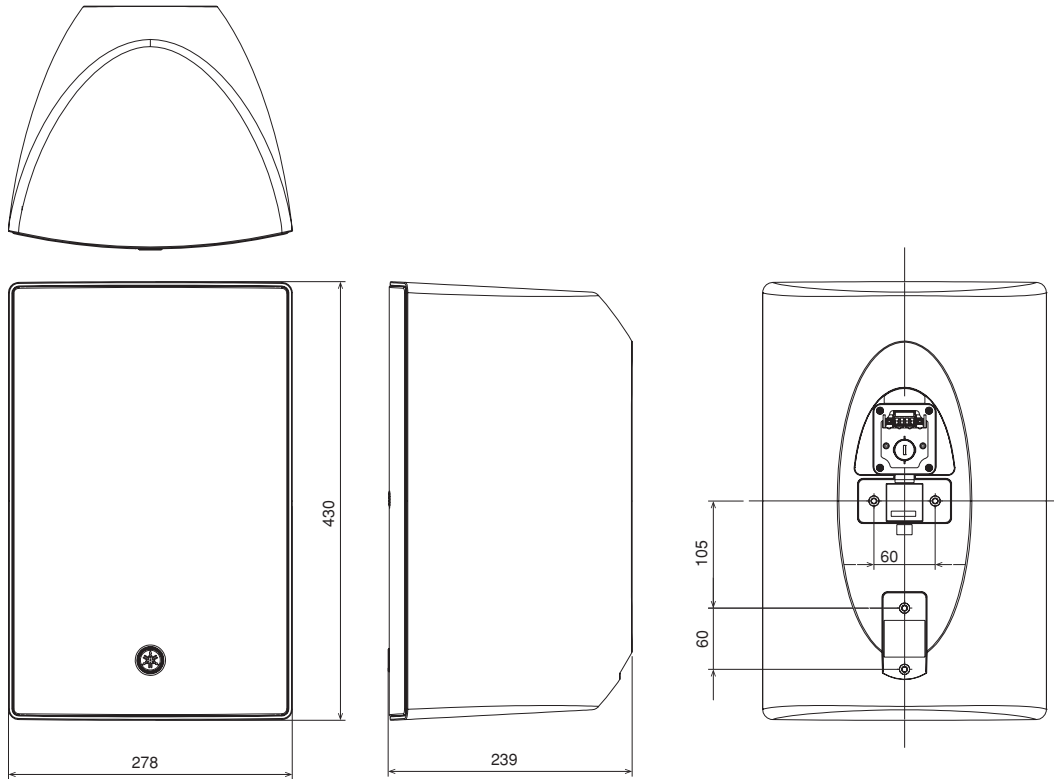
Model		VXS8 / VXS8W
Speaker Type		2-way, Bass-reflex
Components	LF	8" Cone
	HF	1" Soft dome
Coverage Angle ^{*1} H x V		100° x 100°
Nominal Impedance		8Ω
Power Rating ^{*1}	NOISE	90W
	PGM	180W
Sensitivity ^{*2} (1W,1m)		91dB SPL
Maximum SPL (Calculated, 1m)		117dB SPL
Frequency Range ^{*2}		51Hz - 20kHz
Connectors		1x Euroblock (4P) (Input: + / -, Loop Thru: + / -)
Transformer Taps	70V	60W (83Ω), 30W (170Ω), 15W (330Ω), 7.5W (670Ω)
	100V	60W (170Ω), 30W (330Ω), 15W (670Ω)
Environmental		IP35 ^{*3}
Color (Grille)		VXS8:Black / VXS8W:White
Dimensions (W x H x D)		278 x 430 x 239mm (10.9" x 16.9" x 9.4")
Weight		8.2kg (18.1lbs)
Included accessories		Wall / Ceiling mount bracket, Terminal cover

*1 IEC *2 Half space *3 IP34 when installing the speaker to the ceiling vertically

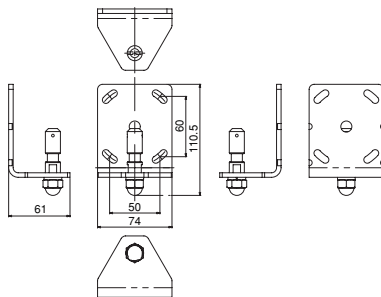


Dimensions

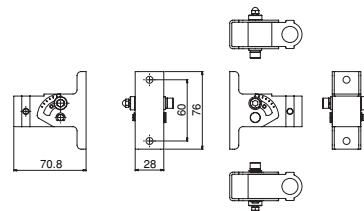
Unit: mm



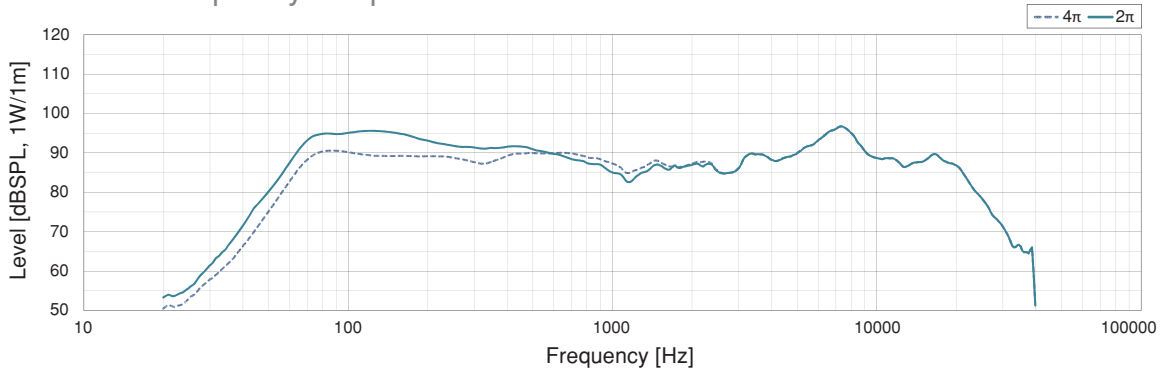
Bracket Base



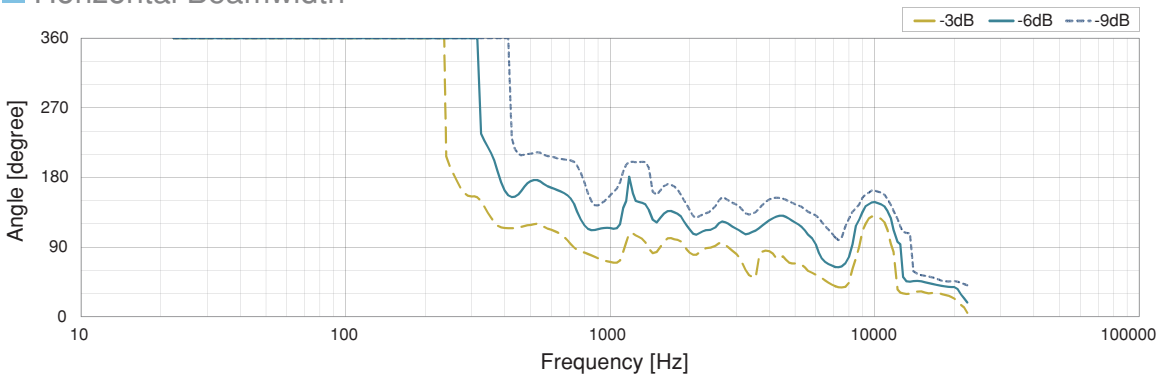
Mounting Bracket



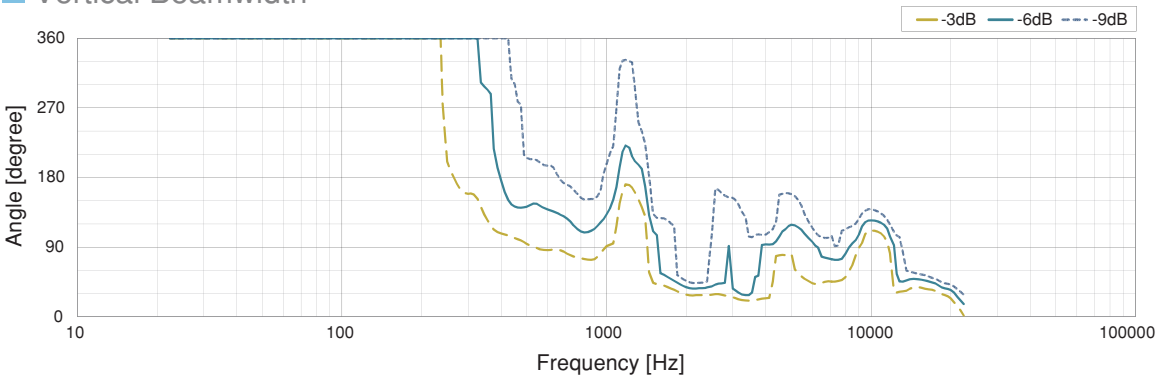
On-axis Frequency Response



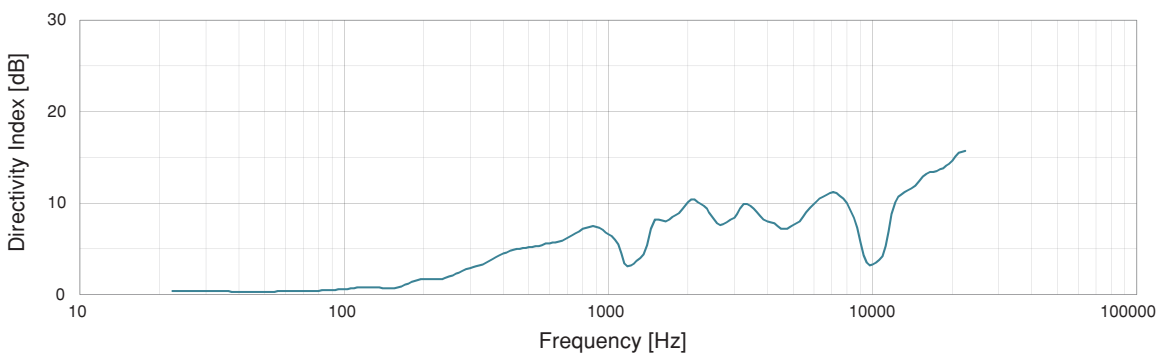
Horizontal Beamwidth



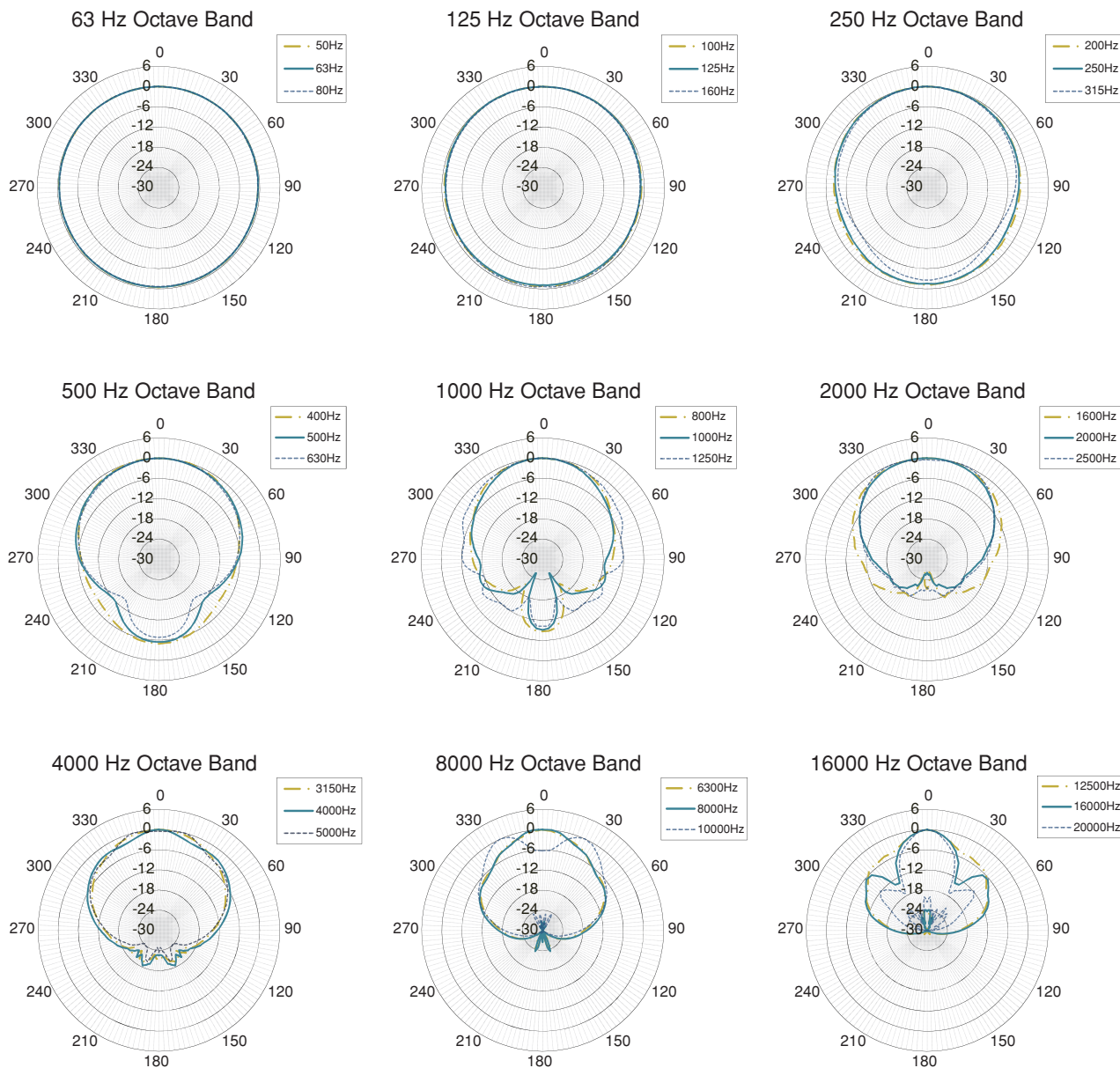
Vertical Beamwidth



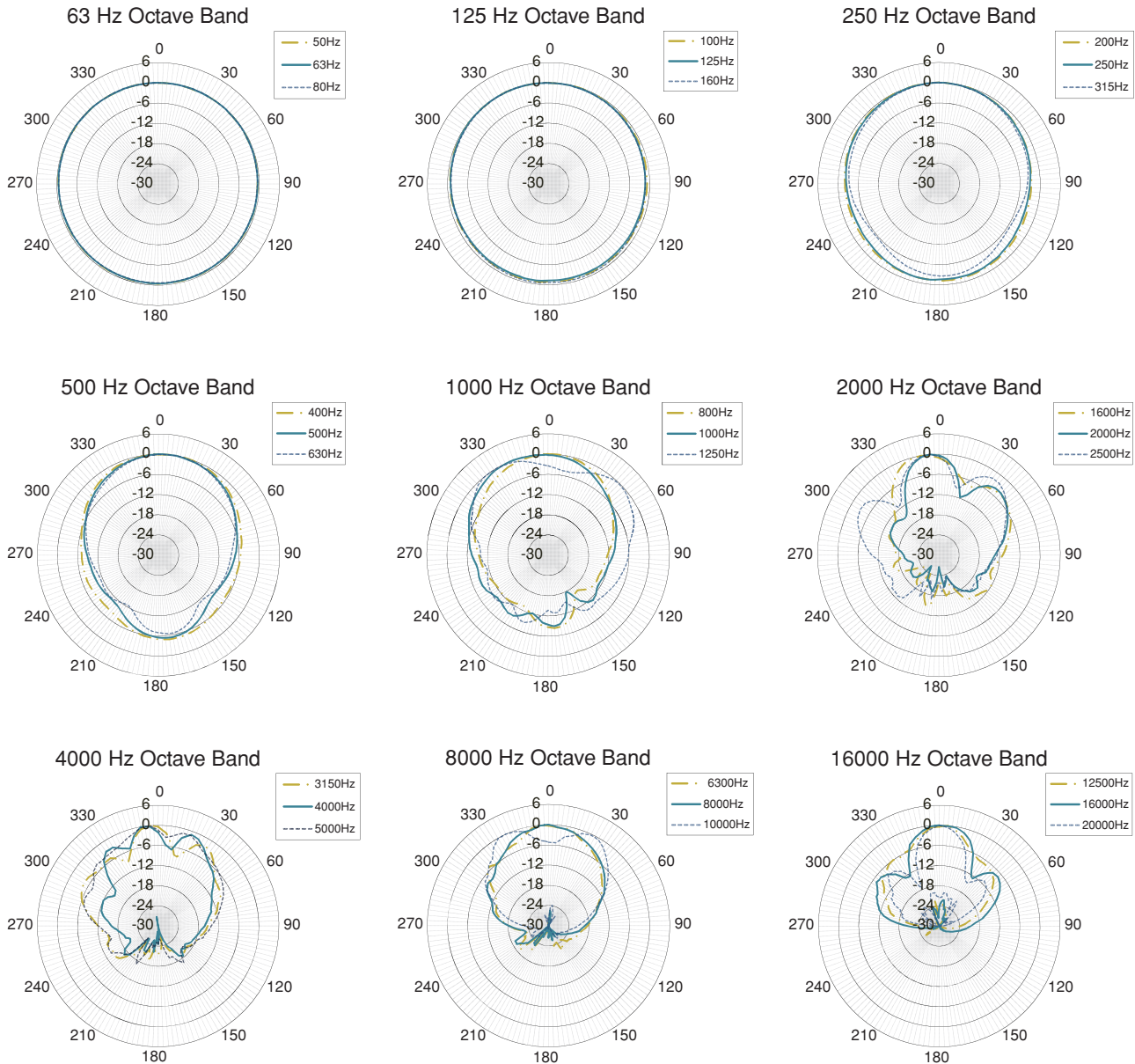
Directivity Index



Horizontal Polar Plots



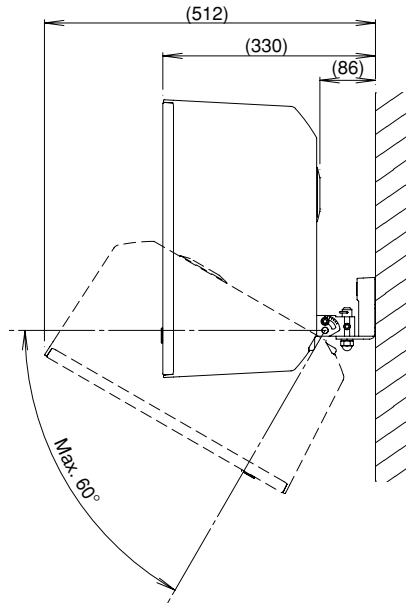
Vertical Polar Plots



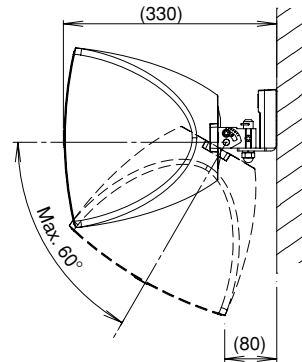
Installation Dimensions

Unit: mm

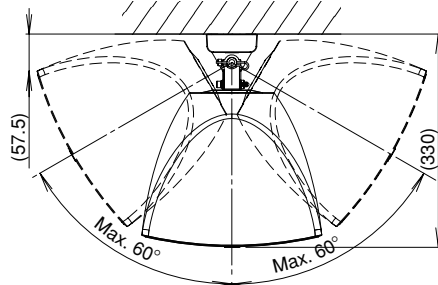
Installation on Wall (Vertical)



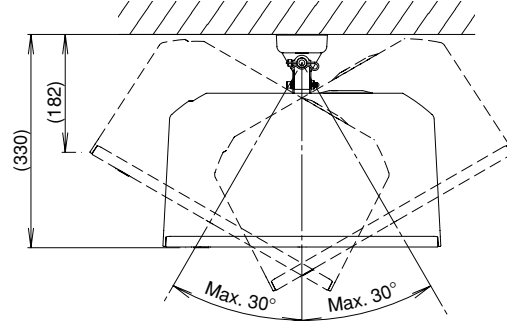
Installation on Wall (Horizontal)



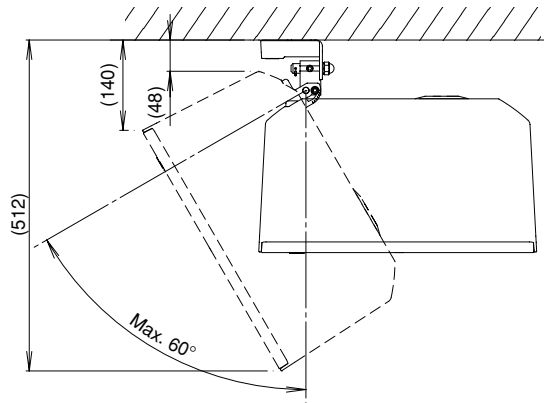
Installation on Wall (Vertical)



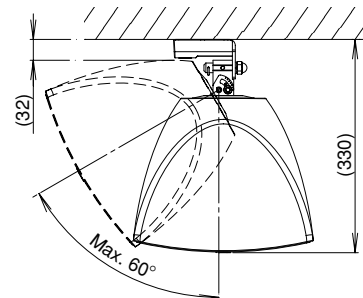
Installation on Wall (Horizontal)



Installation on Ceiling (Vertical)



Installation on Ceiling (Horizontal)



■ Architectural and Engineering Specifications

The loudspeaker shall be of surface-mount design, a 2-way bass-reflex type. The loudspeaker shall consist of an 8" (20cm) cone driver for low frequency and a 1" (2.5cm) soft dome tweeter for high frequency. The loudspeaker shall be equipped with internal transformers that allow both high-impedance and low-impedance drive. The power rating shall be set by switching a transformer tap on the baffle as follows: 60W/30W/15W in 100V line; 60W/30W/15W/7.5W in 70V line; and 180W into 8 ohms. The loudspeaker shall be capable of meeting the following performance criteria: The measured sensitivity shall be 91dB SPL (at 1W, 1m, in half-space); The maximum SPL shall be 117dB SPL (at 1m); The frequency range shall be 51Hz-20kHz (10dB below rated sensitivity, in half-space); The frequency dividing network shall have a crossover frequency of 2.8kHz; The nominal coverage angle shall be 100° horizontal and 100° vertical (average 500Hz-4kHz). The 4-pin Euroblock connector shall be provided for an input and a loop-thru. The loudspeaker shall be provided for an overload protection circuit to protect network and transducers. The loudspeaker shall comply with dust and water resistance rating of IP35. The cabinet shall be rectangle-shaped, and be constructed of ABS and the baffle of PC/ASA. The grille shall be constructed of 1mm-thick powder coated perforated aluminum, with an aperture ratio of 51%. The grille shall have the following color variation: black-painted (VXS8) or white-painted (VXS8W). The loudspeaker shall be 278mm (10.9") wide, 430mm (16.9") high, and 239mm (9.4") deep. The weight shall be no more than 8.2kg (18.1lbs). The loudspeaker shall have included accessories as follows: The bracket and the bracket base shall allow the loudspeaker to be mounted onto both walls and ceilings.

The loudspeaker shall be the Yamaha VXS8 or VXS8W.

■ Safety and Regulatory Compliance

UL1480 (UEAY) : Commercial and Professional Use (General-Utility). Suitable for use outdoor in wet locations.

■ Memo

*All specifications are subject to change without notice.

*All trademarks and registered trademarks are property of their respective owners.