

FULL RANGE TRANSDUCER

The PS Series, A Cost Effective Choice for Full Range Applications.

The PS Series offers full range performance in a single package. These transducers were designed to be cost effective, yet provide high output, high reliability and excellent midrange articulation.

Specially designed for professional applications, the PS series fit a multitude of applications including stage monitors, PA columns, and many other situations which demand full range performance in a compact size — all with an excellent price/performance ratio.

Models from 3 inch (8 cm) to 12 inch (30 cm) diameters are available. The PS80 and PS100 utilize an aluminum dome and the PS160, PS200 and PS300 use a whizzer cone for wide dispersion and extended response.



Model	Nominal Diameter (cm)	Nominal Impedance (Ω)	Resonance Frequency (Hz)	Frequency Range (Hz)	Sensitivity (dB/W(1m))	Power Handling (W)	Recommended Enclosure Volume (ℓ)	Effective Radius (cm)	Moving Mass (g)	Q ₀	Magnet Weight (g)	NET Weight (kg)
PS80	8	8	250	60~20k	90	8	0.5~2	3.3	0.88	1.0	140	0.36
PS100	10	8	200	60~16k	92	25	1~5	4.3	1.66	0.78	193	0.63
PS160	16	8	150	60~20k	94	50	10~20	7.0	5.5	1.1	380	1.3
PS200	20	8	100	60~18k	96	65	15~25	8.4	11.0	0.9	850	2.4
PS300	30	8	58	60~18k	98	100	30~50	13.5	35	0.8	1,410	5.06

Easy to Install, High Performance Systems Utilizing Foxtex High Quality Units.

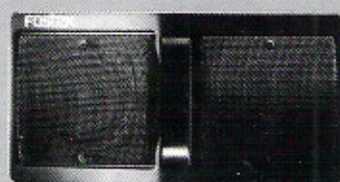
The SP11 is a mini-speaker system for high quality reproduction of music and speech for stage and recording monitors, PA, etc. The SPA11 is the SP11 in which a 200W (music) amplifier is installed. Both models use a newly designed 10cm diameter full range units. The enclosure is made of a special fortified plastic resin, rigid enough to withstand high energy sound. The bass reflex design reproduces forceful low frequency sound for its small size.

The SH Series are designed for indoor reproduction of music and speech. They are flat shaped and designed for installation on walls and ceilings. As the exterior is designed with artistic patterns, they are considered good interior designs which will match any surrounding. Acoustically, they will display a uniform response from low to high in the 2π space when installed on the wall. The wide variety of applications include small auditoriums, banquet and meeting rooms, restaurants, offices, stores, member clubs, home use, etc.

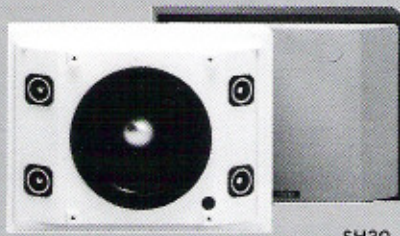
AMPLIFIED MINI SPEAKER SYSTEM 2π STERADIAN SPEAKER SYSTEM



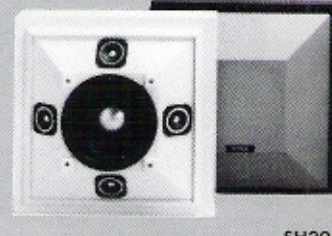
SPA11



SP11



SH30



SH20

SPECIFICATIONS

Model	Diameter (cm)	Impedance (Ω)	Frequency Range (Hz)	Sensitivity (dB/W(1m))	Maximum Input (W (Mus))	Enclosure Type	Standard Enclosure Finish	Standard Grille Color	External Dimension (W×H×D(mm))	Option Enclosure Finish	Option Grille Color Finish	Weight (kg)
SH10	10	8	85~18,000	91	30	Bass Reflex	Walnut	Beige	300×300×85	White, Ivory, Dark Gray	Black	2.45
SH16	16	8	70~20,000	93	50	Bass Reflex	Walnut	Beige	300×300×145	White, Ivory, Dark Gray	Black	3.3
SH20	20+5 (TW)	8	60~20,000	92	70	Bass Reflex	Ivory	Beige	450×450×151	White, Dark Gray	Black	7.4
SH30	30+5 (TW)	8	50~20,000	97	100	Bass Reflex	Ivory	Beige	600×450×195	White, Dark Gray	Black	12.0

SPECIFICATIONS

Model Type	SP11	SPA11 (Speaker Section) (NEW)
Internal Unit	Two 10cm heavy duty full ranges	Two 10cm heavy duty full ranges
Impedance	8Ω	8Ω
Effective Frequency Range	60~18,000Hz	60~18,000Hz
Output Sound Pressure Level	92dB/1W (1m)	92dB/1W (1m)
Maximum Output Sound Pressure Level		112dB (100W)
Maximum Input	200W (Mus.)	
Rated Input	100W	100W RMS 200W program
Enclosure Type	Bass reflex type	Phase inverter type
Enclosure material	Filler fortified polyester resin	Fortified synthetic resin (formed)
Sound selector	Music-Speech switchable (internal equalizer)	
Input Terminals	① One one-touch terminal ② Two standard phone jacks	
External Dimensions	350×182×213mm (W.H.D.)	
Weight	5.5kg	
Finish	Black imitation leather painting	

Model Type	SPA11 (Amplifier Section) (NEW)
Continuous Power Output	100 RMS, 50~20,000Hz at 8Ω
Program Output	200W at 1kHz
Frequency Range	MIC INPUT: 60~10,000Hz, +0, -3dB LINE INPUT: 50~30,000Hz, +0, -3dB
T.H.D.	0.15% at 1kHz/100W
S/N	80dB (JHF-A)
Input Sensitivity	MIC INPUT: -25mV ±3dB LINE INPUT: -90mV ±3dB
Input Impedance	MIC INPUT: 1kΩ LINE INPUT: 36kΩ
AUX OUT	50Ω, 90mV
Equalization	Music: 100Hz, +5dB, 10kHz, +4dB Speech: Flat
Power Consumption	100A AC 50/60Hz 100W, 120V AC 60Hz 100W 220V AC 50Hz 100W, 240V AC 50Hz 100W
Physical Dimensions	350×180×211mm (W.H.D.)
Weight	7.6kg

•ACCESSORIES/P60 Speaker bracket for vertical use, P61 Speaker bracket for horizontal and use wedge monitor stand, P62 L-type arm, P63 Joint for multi systems in vertical use, P64 Joint for multi systems in vertical use, SF151 Speaker stand w/mount adaptor for SP11/SPA11. (Height.....2.0m max.), SF201 Speaker stand (Height.....3.0m max.).