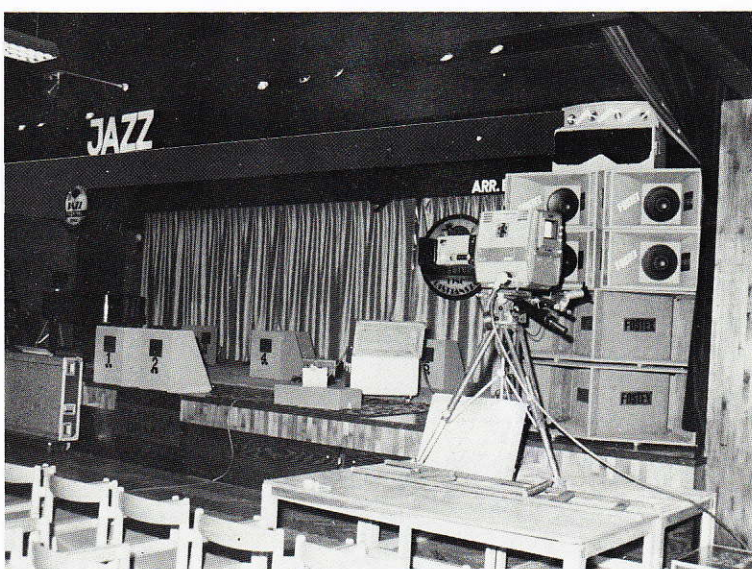


FOSTEX

PROFESSIONAL SOUND REINFORCEMENT COMPONENTS

AUDIO loudspeakers



Top: RWO/FOSTEX studio monitor system was used at recording Winnipeg Canada.
(L475 + D252 + H425 + T825 + N313)

Left: Discotheque at Thessaloniki Greece.

(BS1502 × 4 + PA253 × 4 + D506 + H450 + T945 × 4)

Right: Sound reinforcement systems in Sweden.

(L477 × 4 + F356 × 4 + D276 + H450 + T945 × 4)

Photo by Kennert Gustafsson

LOUDSPEAKER SYSTEMS FOR SOUND REINFORCEMENT AND DISCOTHEQUE APPLICATIONS



The criteria for design of all FOSTEX professional loudspeaker systems are large power handling capacity, high efficiency, extended frequency response, low distortion and utmost reliability.

The requirements are met through the use of components featuring powerful magnet structures, large diameter edgewound voice coils on high temperature epoxy-mica formers and rugged cast frames and horn assemblies.

A wide range of FOSTEX systems are available to suit every application from discotheque to large touring stage systems.

LOUDSPEAKER SYSTEMS SPECIFICATIONS

Model	System	Imp.	Frequency range	Efficiency	Power handling	Crossover frequency	Enclosure volume	Finish	Net weight	Remarks
GS3001	2 way	8	35-20 kHz	103 dB	150 W(Mus.)	800 Hz	150 l	black	55 kg	628W×850H×550D L475 + D252 + H351 + N211
GS3003	3 Way	8	35-20 kHz	103 dB	150 W(Mus.)	1,200 Hz/ 7 kHz	150 l	black	59 kg	628W×800H×600D F476 + D276 + H351 + T925
SV22	Full-range	16	100-18 kHz	98 dB	130 W(Mus.)	—	—	black	—	585W×343H×240D PS200×2
SV30	2 Way	8	50-20 kHz	100 dB	100 W(Mus.)	1.8 kHz	—	black	—	430W×540H×370D F356 + H550 + D232

(GS3001 enclosure = GK300 GS3003 enclosure = GK5020)

Enclosures

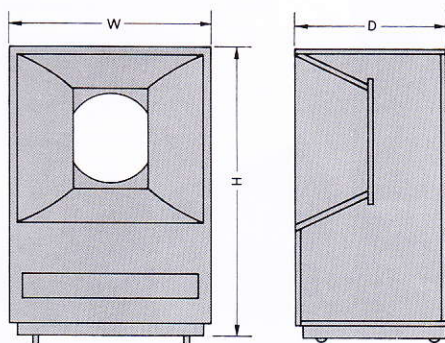
Model	Speaker size	Sensitivity dB	Power handling	Model	Speaker size	Sensitivity dB	Power handling
GK7020	L479×2	107 dB/1W/1m	800 W(Mus.)	GK6010	L479×1	101 dB/1W/1m	400 W(Mus.)
	L569×2	108 dB/1W/1m	1,000 W(Mus.)	GK6030	L477×2	104 dB/1W/1m	600 W(Mus.)
				GK5120	L479×1	101 dB/1W/1m	400 W(Mus.)
				GK6110	L477×2	104 dB/1W/1m	600 W(Mus.)

Loudspeaker systems applications guide

Applications	GS3001	GS3003	GK300 GK400	GK5120 GK6110	GK7020	GK631	GK3	GK6010	GK6030	SV22/SV30
Auditorium-mid size	•	•	•				•		•	
Auditorium-large size								•		
Auditorium-outside			•					•	•	
Theatre	•		•		•			•	•	
Discotheque	•	•	•	•	•	•	•	•	•	
Night club	•	•	•	•		•	•	•	•	
Stage monitor			•		•	•	•	•	•	•
Hifi home systems							•			

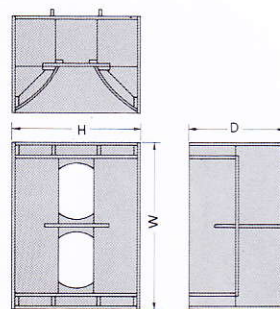
DIMENSIONS OF ENCLOSURES

●GK300 ●GK400



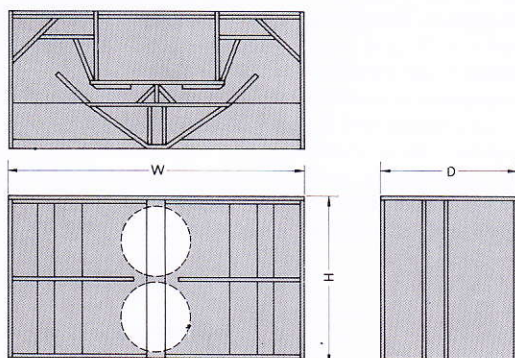
Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK300	Pine	Natural	628	350	550	33 kg	19 mm	Fabricated 15" × 1
GK400	Pine	Black	800	1,150	600	55 kg	19 mm	

●GK3 ●GK6010 ●GK6030



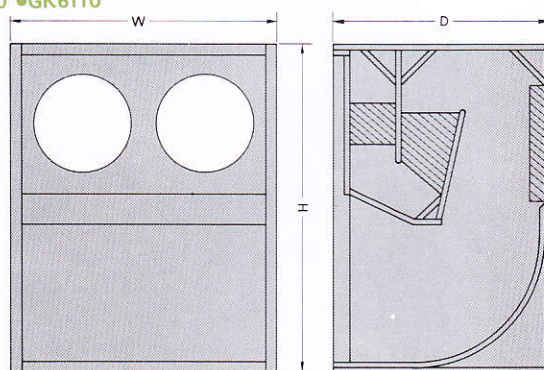
Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK3	Particle board	Gray	742	410	436	—	21 mm	12" × 1
GK6010	Particle board	Black	800	628	600	—	19 mm	15" × 1
GK6030	Particle board	Black	1040	800	600	—	21 mm	15" × 2

●GK7020



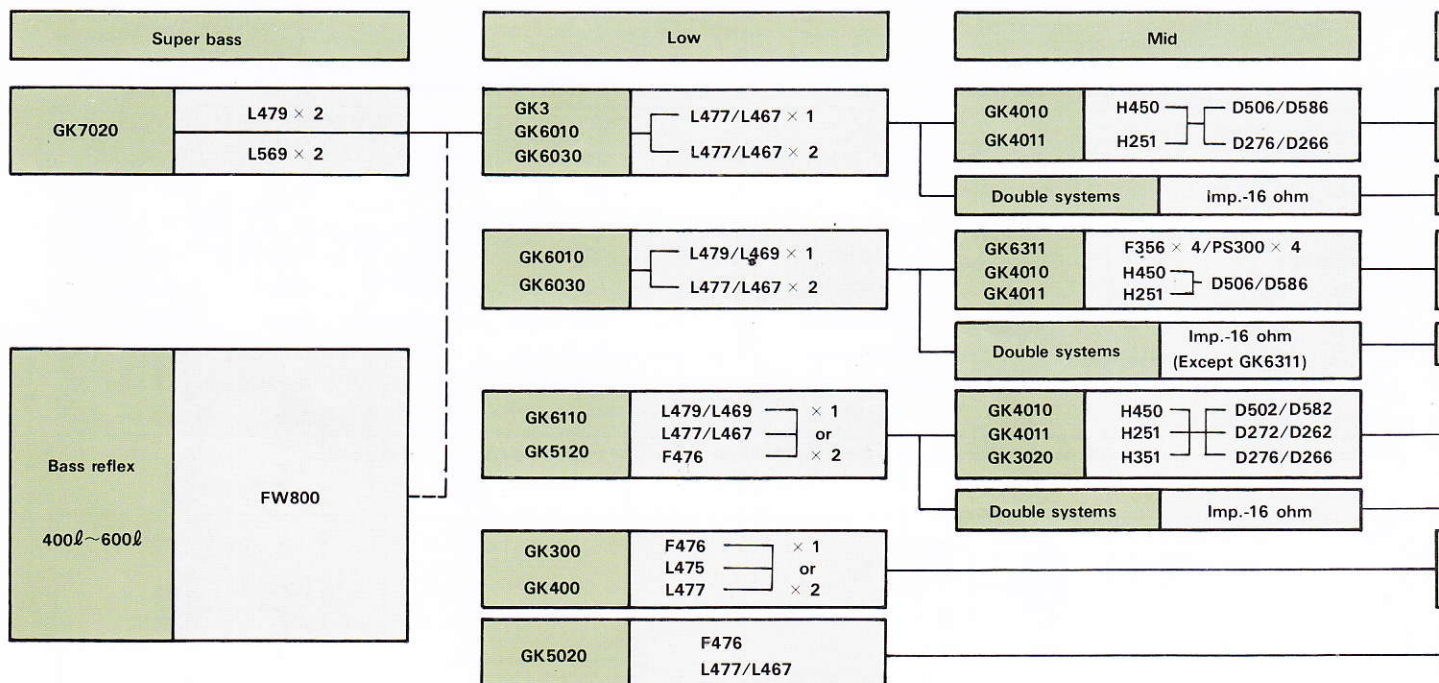
Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			w	H	D			
GK7020	Particle board	Black	1,600	900	750	—	19 mm	15" × 2

●GK5120 ●GK6110



Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK5120	Particle board	Black	760	1,230	600	—	19 mm	15" × 1
GK6110	Particle board	Black	942	1,200	800	—	21 mm	15" × 2

RECOMMENDED COMBINATIONS OF ENCLOSURES AND COMPONENTS

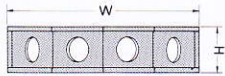


* Crossover frequency have to be referred out of individual transducers specification depend on your combinations and the throat adaptors are required as additional.

For sound reinforcement, discotheque and theatre applications, the super bass/low/mid/mid-high and high-frequency enclosures are provided to fit all of FOSTEX laboratory series transducers and accessories.

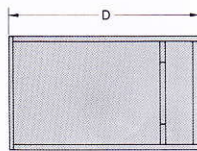
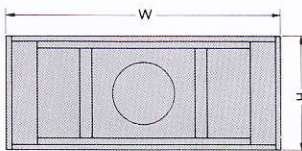
A wide selection and a flexibility can be chosen as per the combination guide mentioned below. **GK3** is only available in kit with gray finish including grill cloth.

●GK2010



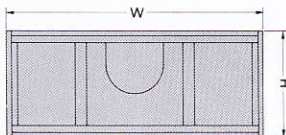
Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK2010	Particle board	Black	628	145	300	—	15 mm	T945 × 4

●GK3020 ●GK4011



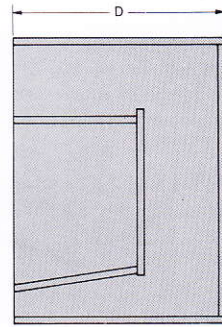
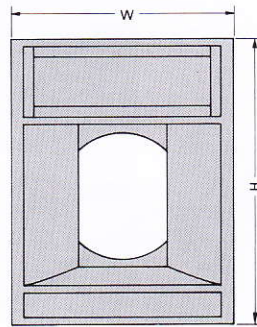
Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK3020	Particle board	Black	628	210	600	—	15 mm	H351 × 1
GK4011	Particle board	Black	760	330	590	—	15 mm	H251 × 1

●GK4010



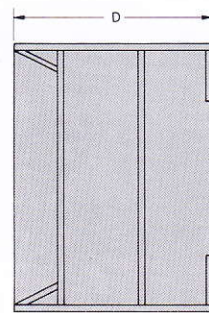
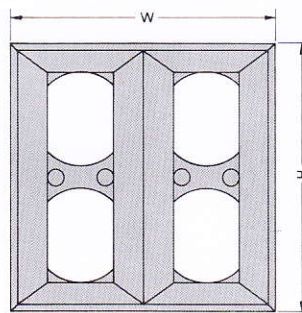
Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK4010	Particle board	Black	760	330	590	—	15 mm	H450 × 1

●GK5020

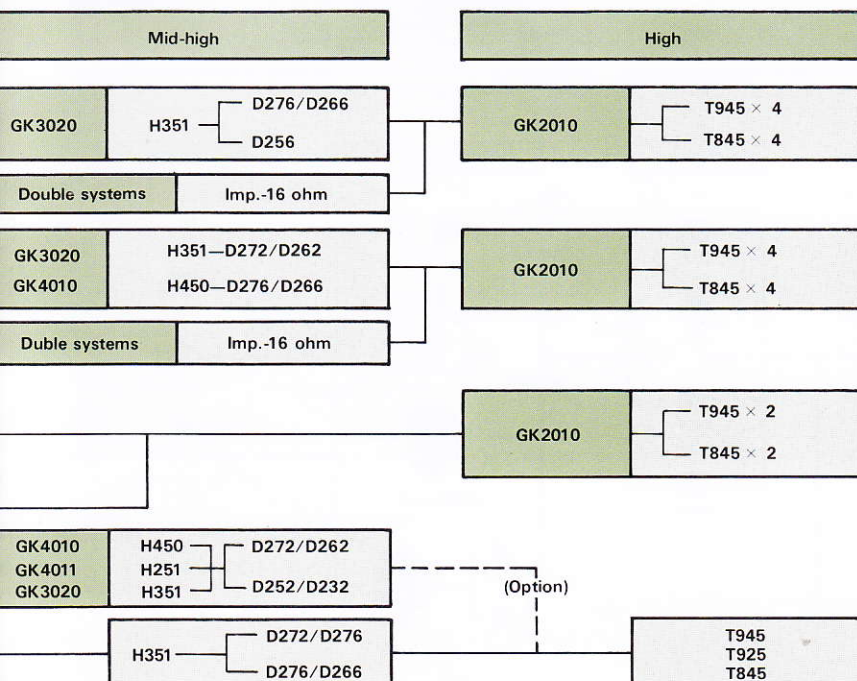


Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK5020	Particle board	Black	628	800	600	—	19 mm	Enclosure for GS3003

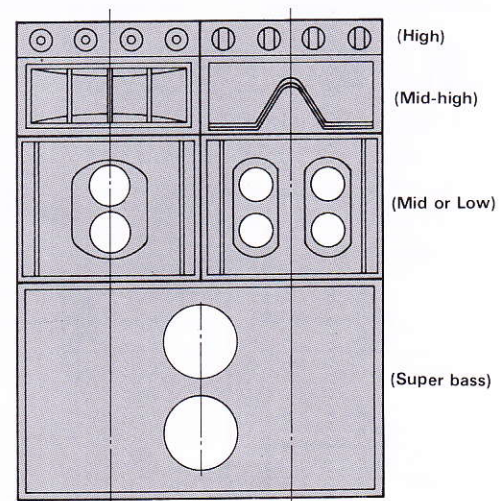
●GK6311



Model	Material	Finish	Size(mm)			Weight	Thickness	Remarks
			W	H	D			
GK6311	Particle board	Black	800	800	600	—	19 mm	12" × 4

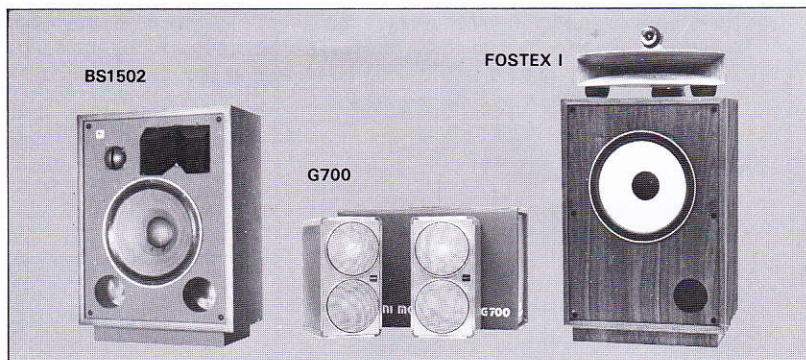


COMBINATIONS GUIDE OF ENCLOSURES



STUDIO MONITOR SYSTEMS

All FOSTEX studio monitor systems feature wide smooth frequency response, low distortion and absolute accuracy. Critical attention to driver selection and system design has produced a wide range of studio monitors to meet every application.



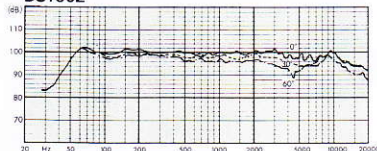
The FOSTEX **G700** mini monitors provide exceptional performance for nearfield monitoring. These units feature the same high performance as the best studio monitors in a portable reference package.

FOSTEX 1 This monitor is an extremely high efficiency system featuring a nonresonant wooden radial horn. This combined with the extended range tweeter and powerful alnico driven woofer results in a very wide-bandwidth monitor system.

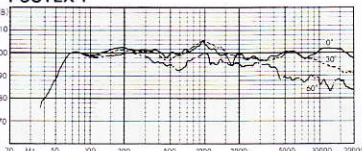
BS1502 This classic design monitor system features a wide dispersion tweeter coupled with a precision midrange driver/acoustic lens assembly to provide accurate performance in a nearfield environment. The mid-bass driver **-ML250-** provides accuracy through proper transient attack and definition while the **"L" "F" series** units extend the response to the lowest octaves and increasing power handling.

Model	System	Imp.	Frequency range	Efficiency	Power handling	Crossover frequency	Enclosure volume	Finish	Net weight	Enclosure size(mm)
BS1502	3 Way Bass reflex	8 ohms	30-20 kHz	100 dB	150 W(Mus.)	800/7 kHz	150 ℓ	Particle black	46.5 kg	628W×860H×448D L475+D252+H850+K150+N313
FOSTEX 1	3 Way Bass reflex	8 ohms	25-30 kHz	100 dB	150 W(Mus.)	750/8 kHz	150 ℓ	Pine natural	49 kg	628W×860H×448D FW400S-D252-H325-T925-N313
G700	2 Way Air tight	4 ohms	80-20 kHz	78 dB	40 W(Mus.)	5.0 kHz	0.7 ℓ	Brushed aluminum	1.5 kg	810W×153H×117D Bass-70 mm High-Dome

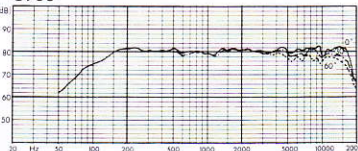
BS1502



FOSTEX 1



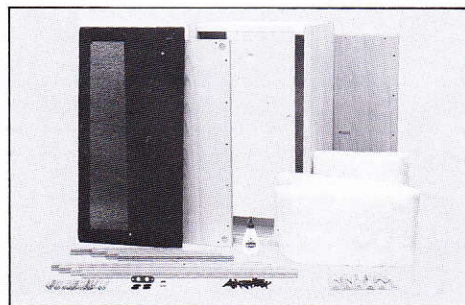
G700



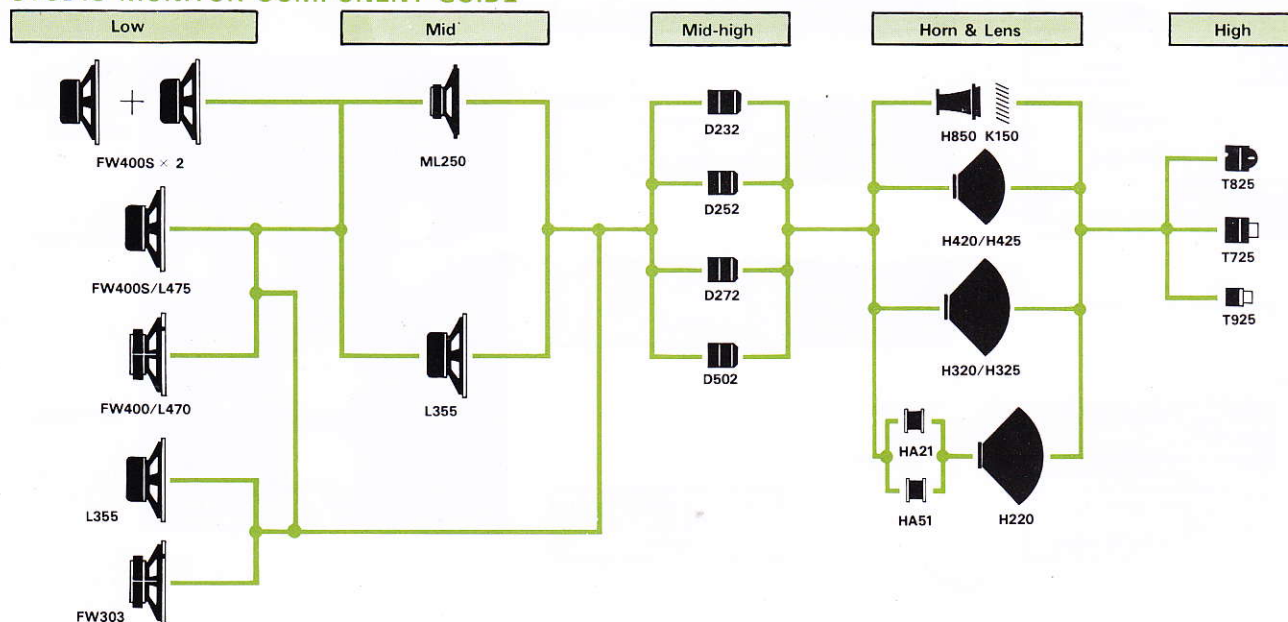
• ENCLOSURE KITS

The **BK100**, **BK150** and **BK210** are multi-kits specially designed to permit ease of fabricating a natural wood finish enclosure to build up a speaker system. The necessary materials supplied include pieces of plywood of fine quality with exact thickness, fabricating adhesive, wood screws, glass wool, and detachable front grill, so that an excellent enclosure may be assembled without the use of regular carpenter's tools.

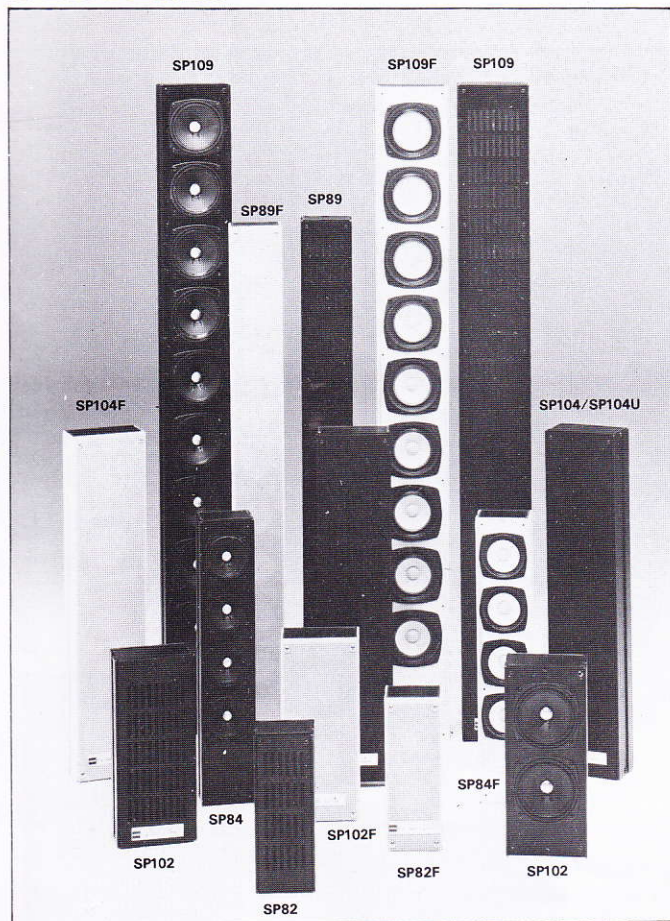
Model	Material/Volume	Finish	Size (mm)	Weight	Thickness	Remarks
BK100	Plywood/100 ℓ	Natural	W 450 H 800 D 400	20 kg	19 mm	Kit
BK150	Pine/150 ℓ	Natural	628 860 448	26 kg	19 mm	Kit
BK210	Pine/200 ℓ	Natural	656 1,020 555	52 kg	38 mm	Kit



STUDIO MONITOR COMPONENT GUIDE



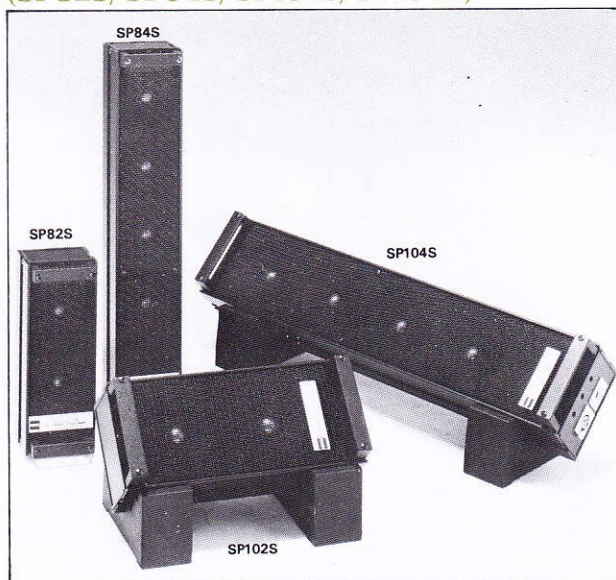
COLUMN LINE-ARRAY SYSTEMS



All FOSTEX line arrays use selected, small diameter, full range, cone transducers optimized for small enclosure operation. These systems provide high efficiency in compact enclosures while maintain, extended frequency response and vocal articulation. They are suitable for use in public address, commercial, educational and industrial applications. These heavy-duty systems provide complete reliability and are available in several configurations to best suit each purpose.

The "U" suffix denotes waterproof system for outdoor use. The "F" suffix series uses the "FE" series transducer for smooth extended response in high quality background music installations.

STAGE MONITOR SYSTEMS (SP82S/SP84S/SP102S/SP104S)



These systems are specially designed for stage monitoring applications. They are optimized for high efficiency and power handling to permit monitoring even under high ambient noise conditions. Suitable for vertical, horizontal or mic-stand mounting. These units feature parallel "XLR" type connectors and integral carrying handles. The parallel connectors allow multiple series connections. The stage monitor systems are constructed from rugged aluminum extrusions for long life on the road. The free angle rubber stand base is available in separate accessory.

Model	SP82/SP82S	SP84/SP84S	SP89	SP102/SP102S	SP104/SP104S	SP109	SP84F	SP104F
Impedance (ohms)	16	8	8	16	8	8	8	8
Frequency range (Hz)	200-17,000	200-13,000	200-13,000	180-16,000	180-11,000	180-11,000	220-18,000	190-15,000
Efficiency (dB)	93	96	99	95	98	101	95	97
Power handling W(Mus.)	12	24	54	40	80	180	20	50
Built-in speaker	PS80×2	PS80×4	PS80×9	PS100×2	PS100×4	PS100×9	FE83×4	FE103×4
Enclosure	Air tight	Air tight	Air tight	Air tight	Air tight	Air tight	Air tight	Air tight
Finish	Black leather	Black leather	Black leather	Black leather	Black leather	Black leather	Beige	Beige
Grill	Single metal	Single metal	Single metal	Single metal	Single metal	Single metal	Cloth	Cloth
Dimension W×H×D (mm)	240×91.5×76.5	480×91.5×76.5	960×91.5×76.5	300×129×76.5	600×129×76.5	1,200×129×76.5	480×915×88	600×129×87
Weight (kg)	1.7	3.2	6.4	2.7	5.0	10.3	2.7	4.5

SP102U/SP104U—Water proof cone & double metal grill are provided to SP102/SP104, and all remaining specs are no changed.

FOSTEX CORPORATION Tokyo, Japan
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