

Film-Tech

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PROJECTED SOUND

Drive-in Theater Speakers and Junction Box Parts List

Projected Sound, Inc.
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NOV. 20 1982



Projected Sound, Inc.

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469 AVON AVE.

MANUFACTURERS AND DIRECT SUPPLIERS OF DRIVE-IN SPEAKERS • JUNCTION BOXES • COMPONENT PARTS

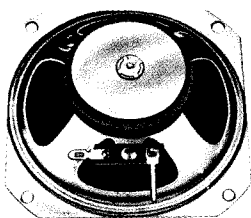
FAX: (317) 839-2476

1982

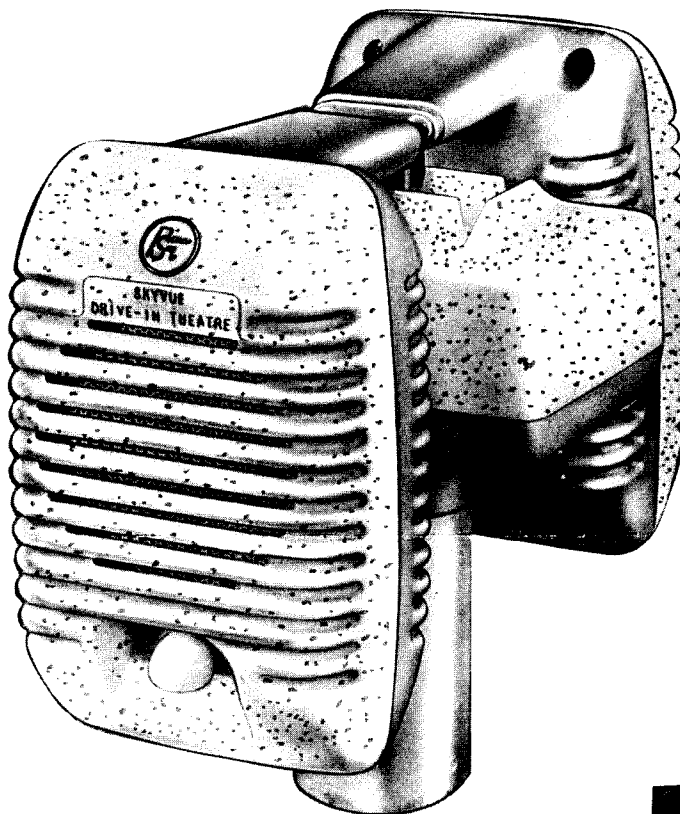
PRICING GUIDE

EFFECTIVE AS OF MARCH 1, 1982

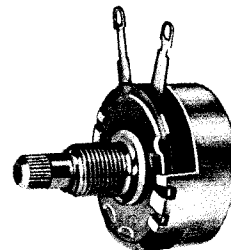
PRICES SUBJECT TO CHANGE WITHOUT NOTICE



\$2.58



SPEAKERS \$8.52 & UP



\$1.76

JUNCTION BOXES
\$8.03 & UP



94c
& UP



87c



Projected Sound, Inc.

PLAINFIELD, INDIANA 46168 (317) 839-4111

MANUFACTURER OF QUALITY LOUDSPEAKERS

SPEAKERS • JUNCTION BOXES • PARTS FOR ALL MAKES

DRIVE-IN THEATRE SPEAKERS

All speaker models listed below are equipped with a 4", 2.35 oz. ceramic magnet 3.2 ohm cone unit – screw mounted, a 50 ohm wire wound volume control wired in series (requiring minimum amplifier load – the most popular circuitry in use) a white nylon control knob, cord set (straight, coiled, or theftproof), Phillips stainless steel case screws, and soldered connections. *Optional controls, circuitry, colors and case screws are available, if desired. – see Speaker Options.*

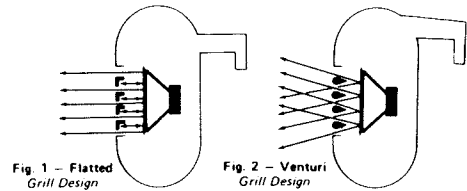


Fig. 1 - Flatted Grill Design

Fig. 2 - Venturi Grill Design

Model	Finish	Cord Type	Guard	Price
NVS	Unpainted	Straight Neoprene or TPR 7'	No	8.72
NVSG		Straight Neoprene or TPR 7'	Yes	8.84
NVT		Theft-proof Vinyl 7'	No	9.78
NVTG		Theft-proof Vinyl 7'	Yes	9.90
NVP		Straight Vinyl 6'	No	8.52
NVPG		Straight Vinyl 6'	Yes	8.64
HVS	Baked Enamel	Straight Neoprene or TPR 7'	No	9.22
HVSG		Straight Neoprene or TRP 7'	Yes	9.34
HVTG	Hammered Grey	Theft-proof Vinyl 7'	Yes	10.40
HVP		Straight Vinyl 6'	No	9.02
HVPG		Straight Vinyl 6'	Yes	9.14
AVS	Baked Enamel-Two Toned (Gold Stardust on White front) with choice of Gold, Charcoal, or Hammered Green back	Straight Neoprene or TPR 7'	No	9.32
AVSG		Straight Neoprene or TPR 7'	Yes	9.44
AVTG		Theft-proof Vinyl 7'	Yes	10.50
AVP		Straight Vinyl 6'	No	9.12
AVPG		Straight Vinyl 6'	Yes	9.24

18 per Case

SPEAKER OPTIONS – Specify When Ordering

Additional Price

Option	Description	Price	
IMPRINT	Theatre name on front of speaker	.15	
CASE SCREWS	Theft proof case screws	No Charge	
VOLUME CONTROLS WITH PARALLEL CIRCUITRY	(1) PS3T Potentiometer 50 ohms	.20	
	(2) 20T3 Potentiometer 20 ohms	.29	
SPEAKER SHUT-OFF	Cuts sound from speaker when contact made with junction box or basket.	.75	
BAKED ENAMEL COLORS	Special solid and two-toned colors are available on minimum orders of 108 units – 6 cases.	Solid Colors	.70
		Two-Toned Colors	.90

CONE UNITS (Driver Units Complete)

Model	Nom. Size Inch	Mag. Size Oz.	Dimensions		No. Per Case	Price Less Than Case	Price Case Lots
			Width	Depth			
35V	3½"	2.35	3-7/16"	1-7/8"	50	2.92	2.72
40V	4"	2.35	4-1/8"	2"	50	2.78	2.58
50V	5"	2.35	4-5/8"	2-3/16"	50	2.92	2.77
60V	6"	2.35	6-1/8"	2-5/8"	50	3.22	3.07

Projected Sound is the only major drive-in theatre speaker producer manufacturing cone units. Along with high quality sound reproduction, they are the most resistant to the rigors of drive-in theatre use available on the market today.

CONE GUARD

Model	Nom. Size Inch	Description	Price
G4	4"	Perforated Aluminum grid w/45% Opening	.24

The diaphragms are precision mesh formed, seamless, nonwarping, nonteleprojecting, and tapered from center to flex area. They are impregnated and antifungus treated. Steel parts are electro-zinc plated and dichromated. All magnets are 2.35 oz. ceramic. Only thermo setting stress relief adhesives are used in the assembly of these units. Distortion by dampener adhesives is eliminated by direct voice coil leads. Coil forms are nomex with an air gap of .0085". Even the gaskets are weather-proofed. All are dated upon shipment and fully guaranteed for TWO YEARS.

CORD SETS

Model	Type	Jacket and Insulation	Length	O.D.	Price
SJO	Straight	All Neoprene or TPR, black	7 ft.	.300	1.29
SVT	Straight	All Vinyl, white	6 ft.	.250	.94
CJO	Cable	All Vinyl, black	7 ft.	.300	2.38

CONNECTORS

Model	Type	Price
X395	Spade Lug — "U" type	.04
X396-W	Quick Connect — Fast-on type — wide female	.04
X396-N	Quick Connect — Fast-on type — narrow female	.05
X396-M	Quick Connect — Fast-on type — wide male	.07
X397	Jumper w/wide female Quick connects	.13
X398	Ring Tongue connector	.05
X100	60/40 Rosin Core Solder (No Flux Needed) .062 dia Spool, 1 Lb.	8.95

SOLDER

VOLUME CONTROLS

NOTE: We furnish controls for most speakers. Our R50U is the most widely used type control w/knurled shaft and can be used on most speakers with or without knob. R5OS is used primarily with original RCA and metal knob Simplex. PS3T and 20T3 are potentiometers. Always include model number when ordering.

Model	Type	Application	Ohms Resistance	Shaft	Shaft Length	Price
R50U	Rheostat	P.S., Simplex	50	Knurled	5/16"	1.76
R5OS	Rheostat	Original R.C.A. & Simplex	50	Flatted	7/16"	1.78
PS3T	Potentiometer	Ballantyne, Eprad, DITMCO	50	Knurled	5/16"	1.88
20T3	Potentiometer	SoundMaster, Acousticraft	20	Knurled	5/16"	1.58

VOLUME CONTROL HARDWARE

Model	Item	Description	Price
W1	Washer	Lock type for 3/8" bushing	.02
N1	Nut	Collar type for 3/8-32 shaft	.05
KPR	Knob	Compression type for knurled shaft, white	.12
KCL	Knob	Spring fastener type for flatted shafts, black	.12

MISCELLANEOUS HARDWARE

Model	Item	For	Description	Price
CLN	Clip	P.S.	Hanger plate for speaker back	.25
S1	Screw	Speaker Case	8/32 x 7/8 Phillips, stainless steel	.05
S2	Screw	Transformer, Lt. socket, cone	8/32 x 5/16 Phillips	.03
S3	Screw	Speaker Case	8/32 x 7/8 Scrulox, Theftproof	.04
S4	Screw	Term. strip mount.	8/32 x 9/16 Slotted	.03
S4B	Screw	Term. barrier	8/32 x 5/16 Slotted, stainless steel	.05
S5	Screw	J. Box base	5/16-18 x 1/2 Allen	.12
S6	Screw	J. Box cover	1/4 x 2-1/4 Slotted	.12
S7	Screw	RCA (Orig.) J. Box cover	1/4 x 1 Phillips	.11
S8	Screw	T.P. J. Box cover - P.S.	1/4 x 2-1/4 Scrulox	.12
TPD	Driver	Scrulox screws	Hand tool for S3 and S8 screws	1.15
W2	Washer	Spkr. Sound Cut-off	Not shown	.07
RST-1	Resistor	Spkr. Sound Cut-off	5 Ohm, 5 Watt Resistor	.26

JUNCTION BOXES

All junction box models listed are equipped with a TS1 four terminal strip with eight 8/32 pan head stainless steel screws, slotted oval head case screw with a PS2 transformer for most popular systems. (7500 Ohm Primary) Units are available with downlights, baskets and baked enamel colors, transformers with matched impedance.

JUNCTION BOXES

JUNCTION BOXES	Model	Finish	Downlight*	Baskets	Price
ALL ALUMINUM	NJ32	Natural	No	No	8.03
	NJ32B	Natural	No	Yes	10.43
	NJ32D	Natural	Yes	No	8.93**
	NJ32BD	Natural	Yes	Yes	11.33**
COL-R-GLO CG-80 COVER (w/ALUMINUM BASE) (LEXAN®)	CJ72	Red Cover Natural Base	Glo-Lite	No	9.39**
	CJ72B	Red Cover Natural Base	Glo-Lite	Yes	11.79**

*See Options
Packed 18 Per Case

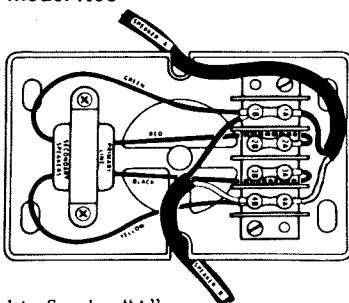
**Priced with #1864 or #6S6-120 bulbs. Other voltages priced per Junction Box Options Section

JUNCTION BOX OPTIONS

Additional Price

Item	Model	Description	Price
Transformers	PS3	1,100 Ohm primary, secondary for 2 speakers (Simplex)	No Charge
	PS4	2,000 Ohm primary, secondary for 2 speakers (Ballantyne & Eprad)	
	PS5	5,000 Ohm primary, secondary for 2 speakers (Simplex) Resistors available	.77
	PSE7088	750 Ohm primary, secondary for 2 speakers (Motiograph)	.71
	PS7105-1	Multi-tap, 10M, 8M, 6M, 4M, 1M Ohm primary, secondary for 2 speakers (Motiograph)	
Bulbs	1864	28V, miniature bayonet base, 1,500 hr. life (Replaces 313 bulb)	No Charge
	6S6-120	120V, candelabra base, 1,500 hr. life	.20
	6S6-32	32V, candelabra base, 1,500 hr. life	.20
	6S6-30	30V, candelabra base, 1,500 hr. life	
T.P. Screw	S8	Tamper proof case screw for box cover	No Charge
Baked Enamel		See Colors in Speaker Section	
Speaker Shut-Off	BJ-1	Ground connections for Speaker Shut-Off system	.17

Typical Junction Box Connections Model NJ3



- 1A - Speaker "A"
- 1B - Transformer Secondary (Green) and Speaker "B"
- 2A - Transformer Primary (Red)
- 2B - Sound Line
- 3A - Transformer Primary (Black)
- 3B - Common Ground Cable
- 4A - Speaker "A"
- 4B - Transformer Secondary (Yellow) and Speaker "B"

For Light Socket Connections

- (1) Connect light socket white lead to 3B (Common Ground)
- (2) Connect light socket black lead to power line using "Twist-on" type connectors or equivalent.

JUNCTION BOX COMPONENTS

Model	Item	For	Description	Price
PS2	Transformer	P.S., RCA	Primary 7,500 ohm; secondary for 2 speakers	2.30
PS3	Transformer	Simplex	Primary 1,100 ohm; secondary for 2 speakers	2.38
PS4	Transformer	Ballantyne & Eprad	Primary 2,000 ohm; secondary for 2 speakers	2.34
PS5	Transformer	Simplex	Primary 5,000 ohm; secondary for 2 speakers	2.39
PSE7088	Transformer	Motiograph	Primary 750 ohm; secondary for 2 speakers	2.51
PS7105-1	Transformer	Motiograph	Multi-tap, 10,000 to 1,000 Ohm primary, secondary for 2 speakers	2.76
S28	Socket	--	Miniature bayonet base w/leads	.67
S110	Socket	--	Candelabra screw base w/leads	.67
1864	Bulb	S28 Socket	28V, min. bayonet base w/1,500 hr. life	.44
6S6-120	Bulb	S110 Socket	120V candelabra screw base w/1,500 hr. life	.44
6S6-32	Bulb	S110 Socket	32V, candelabra screw base w/1,500 hr. life	.49
6S6-30	Bulb	S110 Socket	30V, candelabra base, 1,500 hr. life	.49
302	Bulb	N/A	28V. D.C. bayonet base, 500 hr. life	.48
TS1	Term. strip	P.S. & Ballantyne	4 Double contacts (8-stainless steel screws)	.87
TS2	Term. strip	Original RCA	7 Double contacts (14-nickel plated screws)	.89
TS3	Term. strip	DITMCO	5 Double contacts (10-nickel plated screws)	.89
JB3	Basket	P.S. & Orig. RCA	H.D. 5/16" O.D. hard drawn aluminum rod	1.70
C7	Col-R-Glo cover	Projected Sound	Red, high impact, U. V. - LEXAN®	1.69