

TO
THE DIRECTOR,
M/S. KALAKSHETRA COLLEGE OF FINE ARTS,
THIRUVANMIYUR,
CHENNAI : 600 004



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1

235.	Tutors World Wide [I] Ltd.,	Chennai	PA Announcement System	1.5 Lakhs
236.	Macro Enterprises	Coimbatore	Pa + Conference system	4 Lakhs
237.	POTHYS Show room	Chennai	Music System	2 Lakhs
238.	Kevin Electricals	Chennai	Music system	1.3 Lakhs
239.	Techno – Contracting Company Ltd	Soudi Arabia	Music / Announcement	4.82 Lakhs
240.	Chettinad Builders Pvt Ltd.,	Chennai	School Announcement & Sound Reinforcement	2.26 Lakhs
241.	Chettinad Hospital & Research	Kelambakkam	Public address system	1.66 Lakhs
241.	SIEMENS [Khivraj Tech Park]	Chennai	Public address system	1.41 Lakhs
242.	Imetrex Technologies Ltd	Pondicherry	Public address system	1.43 Lakhs
243.	Bharat Heavy Electricals Ltd–BHEL	Ranipet	Shure Mic Conference	1.78 Lakhs
244.	Imetrex Technologies Ltd	Pondicherry	Public address system	2.27 Lakhs
245.	Sri Venkateswara Electricals	Chennai	Public address system	1.24 Lakhs
246.	SIEMENS [Nokia Project Site]	Sriperumpudur	Voice Alarm System	7.45 Lakhs
247.	WIPRO Limited.	Chennai	Music System	1.45 Lakhs
248.	IGCAR [Dept. of Atomic Energy]	Kalpakkam	Public address system	3.85 Lakhs
249.	PWD [Vellore Medical College]	Vellore	Conference system	2.83 Lakhs
250.	PWD [Ezhilagam]	Chennai	CCS 800 Conference	6.36 Lakhs
251.	PWD [Vellore Medical College]	Vellore	Public address system	1.74 Lakhs
252.	PWD [Rajbhavan]	Chennai	Digital Congress Conf.	3.93 Lakhs
253.	PWD [Vellore Medical College]	Vellore	Auditorium PA system	2.17 Lakhs
254.	BSNL [Telephone]	Coimbatore	Conference system	3.07 Lakhs
255.	TASMAC	Chennai	CCS 800 Conference	3.97 Lakhs
256.	National Thermal Power Corpn.	Alleppey	Industrial Public address	1.05 Lakhs
257.	National Mineral Develop. Corpn	Chhattisgarh	CCTV Monitor	1.24 Lakhs
258.	The Sound India Film Chamber	Chennai	Conference system	1.65 Lakhs
259.	PWD - Namakkal Dist. Collectorate	Namakkal	Conference system	1.73 Lakhs
260.	PWD–Dharmapuri Dist Collectorate	Dharmapuri	Conference system	1.73 Lakhs
261.	PWD-Villupuram Collectorate	Villupuram	Conference system	1.18 Lakhs
262.	PWD – Thiruvannamali Collectorate	Thiruvannamalai	Conference system	1.17 Lakhs
263.	PWD – Cuddalore Dist. Collectorate	Cuddalore	Conference system	1 Lakh
264.	PWD – Radio Section	Coimbatore	Public Address System	1.81 Lakhs
265.	BHEL – Tiruchirapalli	Tiruchirapalli	Industrial Public address	1.10 Lakhs
266.	Raja Muthiah Chettiar Trust	Chennai	Class room PA System	3.33 Lakhs
267.	Reserve Bank of India	Chennai	Digital Congress system	14 Lakhs
268.	Bharat Earth Movers Limited	Bangalore	Driver Guard PA System	17 Lakhs
269.	Frontier Business Systems Pvt Ltd.,	Sriperumpudur	Voice Alarm System	3 Lakhs
270.	BSNL [Telephone] CGM Office	Chennai	CCS 800 Conference	4.5 Lakhs
271.	SIEMENS [Nokia Telecom SEZ]	Sriperumpudur	Voice alarm PA System	7.5 Lakhs
272.	Systematic Conscom Ltd.,	Chennai	Public address system	1.8 Lakhs
273.	Imetrex Technologies Ltd.,	Puducherry	Public address system	5 Lakhs
274.	Indian Oil Corporation Ltd.,	Chennai	Shure Mic PA System	1.82 Lakhs
275.	SIEMENS [NLC & Bharadip Port]	Neyveli / Orissa	Industrial Public address	1.5 Lakhs

195.	Life Insurance Corporation	Chennai	Shure Mic Conference System	10 Lakhs
196.	Chennai Port Trust	Chennai	Public Address System	5.8 Lakhs
197.	Neyveli Lignite Corporation Ltd.,	Cuddalore	Announcement System	10.3Lakhs
198.	Telecom Technologies	Chennai	Public Address System	1 Lakhs
199.	Chennai Port Trust	Chennai	Wireless Announcing sys	6.43Lakhs
200.	Saint Gobain Glass	Sriperumbudur	Industrial P.A. System	1.6 Lakhs
201.	Neyveli Lignite Corporation Ltd.,	Cuddalore	Announcement System	2.4 Lakhs
202.	Arunai Engineering College	Thiruvanamalai	Public Address System	2 Lakhs
203.	Tamil Nadu Police Housing Corp	Chennai	Public Address System	19 Lakhs
204.	Honeywell Automation India Ltd., [ITC - Thiruvottiyur]	Chennai	Voice Alarm System	1.4 Lakhs
205.	Indian Furniture Products Ltd., [Ministry of Industries]	New Delhi	Conference system	1 Lakhs
206.	Arunai Engg. College	Thiruvanamalai	Public address system	1.75Lakhs
207.	Vizag Steel Plant	Vizag	Voice Alarm system	2.63Lakhs
208.	Intek Security systems	Chennai	Voice Alarm / PA system	3.44Lakhs
209.	Saint Gobain Glass	Sriperumpudur	Industrial PA System	1.57Lakhs
210.	Siemens Limited	Srilanka	Voice Alarm system	4.37Lakhs
211.	Defence Services Staff College	Nilgiris	Digital Conference	37 Lakhs
212.	Tamilnadu State Planning Commn.	Chennai	CCS 800 Conference	3 Lakhs
213.	Larsen & Toubro Ltd.,	Chennai	Voice Alarm system	4 Lakhs
214.	Crown Electricals	Chennai	Voice Alarm System	2 Lakhs
215.	Sri Krishna Collections	Chennai	Wireless Conference	3 Lakhs
216.	V - Link Systems	Coimbatore	CCS 800 Conference	4 Lakhs
217.	Ambattur Municipality	Chennai	Conference system	2.5 Lakhs
218.	Vizag Steel Plant	Vizag	Loudspeaker Broadcast	6 Lakhs
219.	Canara Bank	Chennai	Music System	1 Lakh
220.	Reserve Bank of India Staff College	Chennai	Shure Boundary Mic Conference	9 Lakhs
221.	Chettinad Hospital	Chennai	Conference system	6 Lakhs
222.	SIEMENS [NLC-Neyveli Project]	Mumbai	Industrial PA system	5 Lakhs
223.	Integral Coach Factory	Chennai	Driver Guard PA System	28 Lakhs
224.	Integral Coach Factory	Chennai	Speakers	4 Lakhs
225.	Hyundai Motor India Ltd	Sriperumpathur	Digital PA System	40 Lakhs
226.	Larsen & Toubro Ltd.,	Chennai	Sound Reinforcement	34 Lakhs
227.	Vizag Steel Plant	Vizag	Loudspeaker Broadcast	9 Lakhs
228.	SIEMENS - [Ampa Project]	Chennai	PA Voice alarm system	6 Lakhs
229.	National Mineral Dev. Corporation	Chattisgarh	Industrial PA System	4 Lakhs
230.	Intek Security Systems	Chennai	Music system	2 Lakhs
231.	Imetrex Technologies Ltd.,	Pondicherry	PA Voice alarm system	5 Lakhs
232.	Pearl Global India Ltd.,	Chennai	Public address system	1 Lakh
233.	Honeywell automation India [ITC]	Chennai	Voice alarm PA System	2 Lakhs
234.	Integral Coach Factory	Chennai	Ceiling Speakers	2 Lakhs

152.	Kumararani Meena Muthaiahcollege	Chennai	Sound reinforcement	5 Lakhs
153.	BSNL [Telephones]	Cuddapah	Conference system	2 Lakhs
154.	Chennai Metro Water	Chennai	Public address system	1.6 Lakhs
155.	Ray Constructions Limited	Kochi	Public address system	3.8 Lakhs
156.	PWD [Stanley Medical College]	Chennai	Public address system	3 lakhs
157.	PWD [Vellore Collectorate office]	Vellore	Conference system	1.95Lakh
158.	The Andhra Sugars Limited.,	Andhra Pradesh	Industrial PA system	1 Lakh
159.	Sri Ram Engineering College	Veppampattu	Public address system	1.7 Lakhs
160.	National Mineral Dev. Corps. Ltd.,	Karnataka	Sound reinforcement	4.5 Lakhs
161.	Tata Consultancy Services– Tidlepark	Chennai	Music announcement	1.5 Lakhs
162.	PWD – Govt. General Hospital	Chennai	PA /Conference	12 Lakhs
163.	Paler Basin Project	Chennai	CCS 800 conference	3 Lakhs
164.	PWD – Commercial Tax Dept.	Chennai	Conference system	1.5 Lakhs
165.	PWD – Secretariat	Chennai	Conference system	4.7 Lakhs
166.	PWD – Vellore Collectorate office	Vellore	Conference system	2 Lakhs
167.	Grandix Pharmaceuticals Ltd.,	Alathur	CCTV / Music	4.6 Lakhs
168.	Lumax Samlip Industries Ltd.,	Sriperumbudur	Public address/Music	1.7 Lakhs
169.	Indian Overseas Bank	Chennai	Sound reinforcement	1.2 Lakhs
170.	TVS Autolec Ltd., Velappanchavadi	Chennai	Public address system	1 Lakh
171.	Suzlone Energy Ltd.,	Pondicherry	Music/Announcement	2.2 Lakhs
172.	Larsen & Toubro Ltd.,	Chennai	Public address system	2.3 Lakhs
173.	Chennai Port Trust	Chennai	Shure Microphones	2 Lakhs
174.	Oil & Natural Gas Corporation Ltd.,	Chennai	CCS 800 Conference	6.3 Lakhs
175.	Anna Institute of management	Chennai	Public address system	1.6 Lakhs
176.	Integral Coach Factory	Chennai	Ceiling Speakers	14 Lakhs
177.	PWD - High Court	Chennai	PA / Conference	5.2 Lakhs
178.	Oswal Chemicals & Fertilizers Ltd,	New Delhi	Industrial PA	2.8 Lakhs
179.	Chennai Port Trust	Chennai	Sound Reinforcement	5.7 Lakhs
180.	Crompton Greaves Ltd	Bangalore	Conference System	1.7 Lakhs
181.	Puzhal Prison Complex	Chennai	Public address system	19.32 Lac
182.	Siemens Ltd,	Mumbai	Public address system	6 Lakhs
183.	Viskapatnam Steel Plant	Viskapatnam	Sound Reinforcement	10 Lakhs
184.	Hotel Udipi International	Nagerkoil	CCTV / Music	10.67 Lac
185.	Viskapatnam Steel Plant	Viskapatnam	P A System Spares	2.6 Lakhs
186.	Chennai Port Trust	Chennai	Audio Conference Sys	6 Lakhs
187.	Viskapatnam Steel Plant	Viskapatnam	P A System Spares	1.9 Lakhs
188.	Southern Railway – Ayanavaram	Chennai	Shure Wireless Mics	1.27Lakhs
189.	Indian Oil Corporation Ltd.,	Chennai	CCS 800 Conference	3.5 Lakhs
190.	Ceebros Hotel	Chennai	Shure Mics/Projectors	1.90Lakhs
191.	Kudankulam Nuclear Power Project	Kudankulam	P A System	6.5 Lakhs
192.	CPWD (Account General Office)	Chennai	P A System	3.4 Lakhs
193.	CPWD Pondicherry University	Pondicherry	P A System	3.6 Lakhs
194.	CPWD (Rajivi Gandhi National Institute of Youth Development)	Sriperumbudur	DCN Conference	23 Lakhs

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113.	Neyveli Lignite Corporation Ltd.,	Neyveli	Industrial PA System	1.5 Lakhs
114.	Oil and Natural Gas Corporation Ltd.,	Karaikal	Conference System	1.5 Lakhs
115.	National Thermal Power Corporation	Talcher – A.P.	Industrial PA System	1.3 Lakhs
116.	Chennai Metro Water	Chennai	Shure Conference	3.25Lakh
117.	SSI Software development centre	Chennai	Music System	1.2 Lakhs
118.	Ramlakshmi Paradise Community hall	Chennai	Sound Reinforcement	2.5 Lakhs
119.	Integral coach factory	Chennai	Driver Guard Communication	7 Lakhs
120.	Integral coach factory	Chennai	Public address system	8 Lakhs
121.	Integral coach factory	Chennai	Loudspeakers	5 Lakhs
122.	Vizag Steel Plant	Vizag	Industrial Paging	3.5 Lakhs
123.	Adtech Power system	Trivandrum	Paging system	1 Lakh
124.	Meenakshmi Ammal Engg College	Kanchipuram	Conference system	2.5 Lakhs
125.	Jeeva Velu Matriculation School	Thiruvanamalai	Public address system	2 Lakhs
126.	Vaishnav College – Chrome pet	Chennai	Sound Reinforcement	1 Lakh
127.	PWD – Medical College	Tuticorin	Public address system	4 Lakhs
128.	BSNL [Telephones]	Erode	Conference system	1.5 Lakhs
129.	BSNL [Telephones]	Tirupati	Conference system	2 Lakhs
130.	PWD – KAP Medical college	Trichi	Public address system	3 Lakhs
131.	Chinnasami Marriage Auditorium	Chennai	Sound Reinforcement	2.3 Lakhs
132.	Vizag Steel Plant	Vizag	Public address spares	3 Lakhs
133.	Chennai Metro Water Board	Chennai	Shure Conference	3.2 Lakhs
134.	Accounts General Office Audit I & II	Chennai	Conference System	1.91Lakh
135.	Chennai Customs House	Chennai	Conference System	1.96Lakh
136.	Mysore Sugar Company Ltd. Mandya	Karnataka	Industrial PA System	2.34Lakh
137.	Sri Krishna College of Engg	Coimbatore	Public address system	1.8 Lakhs
138.	Ocean Engineering	Chennai	Public address system	1 Lakh
139.	Tamil Esai Sang am	Madurai	Music/Announcement	1.3 Lakhs
140.	Madras Regiment Camp [Defense]	Nilgiris	Shure / PA System	2.2 Lakhs
141.	BSNL [Telephones]	TRICHUR	Conference system	2.8 Lakhs
142.	BSNL [Telephones]	Coonoor	Conference system	1.5 Lakhs
143.	SBOA School	Coimbatore	Sound Reinforcement	2.8 Lakhs
144.	Sri Kannikaparameswari Store	Villupuram	Music/Announcement	2.4 Lakhs
145.	Vizag Steel Plant	Vizag	CCS 800 Conference	7 Lakhs
146.	Thirumalai Chemicals	Ranipet	Industrial PA System	1 Lakh
147.	Eureka Forbes Ltd,	Chennai	Public address system	2.3 Lakhs
148.	Integral Coach Factory	Chennai	Loudspeakers	4.5 Lakhs
149.	Public Works Department	Pondicherry	Conference system	3 Lakhs
150.	Visakhapatnam Steel Plant	Vizag	PA System Spares	7 Lakhs
151.	Visakhapatnam Steel Plant	Vizag	Public address system	5.8 Lakhs

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77.	ACMEC TRUST	Melmaruvathur	Sound Reinforcement	2 Lakhs
78.	National Thermal Power Corporation	Simhadri - A P	Industrial P.A.	3.5 Lakhs
79.	Slash Support.Com Limited.,	Chennai	Music System	1.5 Lakhs
81	Indian Oil Corporation Ltd., AO / DO Complex - Cenotaph road	Chennai	Music Announcement Wireless Conference	6 Lakhs
82.	Arunai Engg. College.	Tiruvanamalai	Conference	1 Lakh
83.	Larsen & Toubro - Club house road.	Chennai	Music / PA	2 Lakhs
84.	Vizag Steel Plant	Visakhapatnam	Public address	15 Lakhs
85.	State Bank of India., College road.	Chennai	Music announcement Wireless Conference	10 Lakhs
86.	Tata Consultancy services., Cathedral road.	Chennai	Musi announcement	1.5 Lakhs
87.	Adtech Power Systems Ltd.,	Bangalore	Zone announcement	1.6 Lakhs
88.	Chennai Port Trust -Admin office	Chennai	Conference	1.5 Lakhs
89.	Bharat Snchar Nigal Ltd [Telephones]	Cuddalore	Conference	1.5 Lakhs
90.	Bharat Snchar Nigal Ltd [Telephones]	Pondicherry	Conference	1.5 Lakhs
91.	EUREKA FORBES LIMITED	Chennai	Music/Announcemnt	1.1 Lakhs
92.	Tamilnadu Electricity Board	Chennai	Conference	1.5 Lakhs
93.	Chemplast Sanmar Ltd., [Plant V]	Salem-Mettur	Industrial PA	2 Lakhs
94.	Tata Consultancy Services [Ambattur]	Chennai	Music / PA	3 Lakhs
95.	Chettinad Beach house	Covalam	Music	1.2 Lakhs
96.	Mahatma Gandhi Medical College	Pondicherry	Sound Reinforcement	2.5 Lakhs
97.	Rajiv Gandhi Engineering College	Pondicherry	Sound Reinforcement	1.5 Lakhs
98.	Meemakshi General Hospital	Kancheepuram	Sound Reinforcement	2.8 Lakhs
99.	Shashun Chemicals & Drugs Ltd.,	Cuddalore	Announcement	1.2 Lakhs
100.	Schwing Stetter India Pvt Ltd.,	Sriperumpudur	Announcement	1.5 Lakhs
101.	Polaris Software Lab Ltd.,	Navalur	Music /Announcement	8 Lakhs
102.	Standard Chartered Grindleys Bank	Chennai	Music /Announcement	1.5 Lakhs
103.	WAHID SON HOTEL	Chennai	Music	1 Lakh
104.	Stanley Hospital	Chennai	Conference / PA	1 Lakh
105.	Cabot Sanmar Ltd., Plant V	Mettur	Industrial PA	2 Lakhs
106.	Dr. MGR Engg College, Maduravoil	Chennai	Sound Reinforcement	1 Lakh
107.	Bharathidasan Govt. college for women	Pondicherry	PA System for Language Lab	1 Lakh
108.	Press Information Bureau	Chennai	Public address	1 Lakh
109.	Colanac International Pvt Ltd	Chennai	CCTV System	1.2 Lakh
110.	National Thermal Power Corporation	Ramagundam	Industrial PA System	2 Lakhs
111.	Central Public Works Department [A.G. Office Building Audit I&II]	Chennai	Conference System	1.9 Lakhs
112	Tata Consultancy Services - T Nagar	Chennai	Music / PA System	2.6 Lakhs

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S.No	CUSTOMER NAME	PLACE	SYSTEM	VALUE
36.	National Mineral Devt. Corpn.	Karnataka Madyapradesh	Industrial P.A.	3.5 Lakhs
37.	Cognizant Technology Solutions	Chennai	Music	1 Lakh
38.	Department of Atomic Energy	Kalpakkam	Conference & P.A.	7.5 Lakhs
39.	Power Grid Corporation Ltd., (A.P)	Visakapatnam	Public address	4.5 Lakhs
40.	Palayamkottai Holy Trinity Church	Tirunelveli	Sound Reinforcement	3 Lakhs
41.	Hyundai Motor India Limited.,	Sriperumpudur	Public address	3.5 Lakhs
42.	SHAN Holiday Inn Pvt Limited.,	Chennai	Music/ Public address	1.5 Lakhs
43.	Mahindra Holiday Resorts Ltd.,	Munnar / Goa	Public address /Music	9 Lakhs
45.	GRT GRAND DAYS	Chennai	Music/ Public address	7 Lakhs
46.	Ambattur Clothing Limited.,	Chennai	Music/ Announcement	6 Lakhs
47.	Airport Authority of India ,	Chennai	Public address/Music	2.5 Lakhs
48.	Larsen & Toubro Limited.,	Chennai	Sound Reinforcement	7.5 Lakhs
50.	L & T - Needle Industries Ltd.,	Ooty	Music/Fire alarm/P A	5 Lakhs
51.	L & T - Hi - Tech City (A.P)	Hyderabad	Sound Reinforcement	5 Lakhs
52.	RESERVE BANK OF INDIA	Chennai / Tiruvandrom	Conference/P A	3.5 Lakhs
53.	Meenakshi Ammal Dental College	Chennai	Sound Reinforcement	1.5 Lakhs
54.	U D PARRY INDIA LTD.	Chennai	Industrial P A	1.5 Lakhs
55.	BANYAN NETWORKS LTD.	Chennai	Music/Announcement	1.8 Lakhs
56.	Structural Engg Research Centre	Chennai	Sound Reinforcement	4 Lakhs
57.	Public Works Department	Chennai	Public address	7 Lakhs
58.	E.I.D. Sugar Factory Ltd.,	Pudukkottai	Music / Paging	2 Lakhs
59.	Polaris Software Lab Ltd.,	Navalur/Chennai	Music/Announcement	8 Lakhs
60.	Arunai Engineering College	Tiruvanamalai	Sound Reinforcement	2.5 Lakhs
61.	ETHIRAJ COLLEGE	Chennai	Sound Reinforcement	1 Lakh
62.	Tata Consultancy Services	Chennai	Sound Reinforcement	10 Lakhs
63.	S.D.N.B. Vaishnav College -Women	Chennai	Sound Reinforcement	1.5 Lakhs
64.	Bharathiyar College of Engineering.	Pondicherry	Sound Reinforcement	2 Lakhs
65.	University of Hyderabad	Hyderabad	Sound Reinforcement	5 Lakhs
66.	Kalaingar Arangam	Chennai	Sound Reinforcement	4 Lakhs
67.	Indian Overseas Bank	Chennai	Music/Fire alarm/P.A	2.5 Lakhs
68.	Canara Bank	Chennai	Fire Alarm / Music	10 Lakhs
69.	SPIC - SMO	Chennai	Music/Announcement	1.2 Lakhs
70.	RAHEJA TOWERS	Chennai	Music/Announcement	3 Lakhs
71.	CPWD - Plant Quarantine / Fumigation Lab Building.	Chennai	Conference	1.1 Lakhs
72.	Vellore Engineering College	Vellore	Philips/Shure P.A.	1.5 Lakhs
73.	Digital Alarm Technologies Ltd.,	Chennai	Public address	8 Lakhs
74.	Tital Park Software Ltd.,	Chennai	Wireless P.A.	2 Lakhs
75.	DCW LIMITED.,	Tuticorin	Industrial P.A.	1 Lakh
76.	IDLX Technology Partners	Chennai	Music/Announcement	1.5 Lakhs



Sasi Enterprises

"Nolson Plaza", Now No. 90, (149), Nolson Manickam Road, Choolaimodu, Chennai - 600 094.
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AUTHORISED : BOSCH SYSTEM INTEGRATOR FOR COMMUNICATION & SECURITY SYSTEMS
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PROJECT CUSTOMERS LIST

S.No	CUSTOMER NAME	PLACE	SYSTEM	VALUE
1.	State Rural Development Dept.	Chennai	Conference	1.5 Lakhs
2.	MGR FILM CITY	Chennai	Studio Recording	12 Lakhs
3.	ANNA UNIVERSITY	Chennai	Conference & P.A.	3 Lakhs
4.	SPIC	Tuticorin	Industrial P.A.	12 Lakhs
5.	DALMIA CEMENT	Trichy	Industrial P.A /Music	8 Lakhs
6.	NEYVELI LIGNITE CORPN.	Neyveli	Industrial P.A./P.A	15 Lakhs
7.	CHENNAI TELEPHONES	Chennai	Conference	1.5 Lakhs
8.	STATE BANK OF INDIA	Chennai	Confrence/PA/Music	10 Lakhs
9.	Sri Venkateswara University	Tirupati	Sound Reinforcement	7 Lakhs
10.	STERLITE INDUSTRIES LTD.,	Tuticorin	Public address	10 Lakhs
11.	CITI BANK TOWERS	Chennai	Public address/Music	7 Lakhs
12.	SHAR CENTRE (A.P)	Sriharikota	Public address	8 Lakhs
13.	CHENNAI PORT TRUST	Chennai	PA / Conference	10 Lakhs
14.	INTEGRAL COACH FACTORY	Chennai	Public address/ Music	30 Lakhs
15.	SOUTHERN RAILWAY	Chennai/B'Lore	Conference/P.A.	7 Lakhs
16.	CHEKMPLAST SANMAR LTD	Salem	Industrial P.A.	3.5 Lakhs
17.	INDIAN ADDITIVES LTD.,	Chennai	Industrial P.A.	3 Lakhs
18.	SAS RESIDENCY HOTELS	Chennai/Covai	Music / P.A.	7.5 Lakhs
19.	Vikram Sarabhai Space Centre-Kerala	Trivandrum	Public address	1.4 Lakhs
20.	BIRLA PERICLASE (A.P)	Visakhapatnam	Public address	1.2 Lakhs
21.	Kancheepuram Municipality	Kancheepuram	Conference	1.2 Lakhs
22.	LIFE INSURANCE CORPORATION	Chennai	Conference / P.A	1 Lakh
23.	INDIAN OIL CORPORATION LTD.,	Chennai	Industrial P.A & PA	6 Lakhs
24.	ANIMAL HUSBANDRY DEPT.	Chennai	Conference / P.A.	2 Lakhs
25.	Tamilnadu Vertinary Animal Science University (TANUVAS)	Chennai	Conference	1 Lakh
26.	Chettinad Vidyalyaya Auditorium	Chennai	Sound Reinforcement	10 Lakhs
27.	Combat Vehicles Research Development & Establishment	Chennai	Conference / P.A	7 Lakhs
28.	Sri Arunachaleswarar Temple	Tiruvanamalai	Public address	2 Lakhs
29.	Kumbakonam Silver Shop	Salem	Music / Paging	2 Lakhs
30.	Alandur Municipality	Chennai	Conference / P.A	2.5 Lakhs
31.	All India Handloom Ltd.,	Chennai	Music/Anouncement	2.5 Lakhs
32.	Bharat Heavy Electricals Ltd.,	Trichy/Ranipet	Industrial P.A.	2.5 Lakhs
33.	Tamilnaud Forest Department	Chennai	Conference / P.A.	2 Lakhs
34.	HCL Consulting Limited.,	Chennai	Music / Fire Alarm	7.5 Lakhs
35.	Indian Institute of Technology	Chennai	Sound Reinforcement	2.5 Lakhs

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Ref.No.ED(Che)/375/05.13.001/2006-07

June 12, 2007

M/s. Sasi Enterprises
"Nelson Plaza"
New No.90 (149)
Nelson Manickam Road
Choolaimedu
Chennai – 600 094

Dear Sirs,

**Supply, Installation, Testing and Commissioning of
Digital Congress Network at Bank's Main Office
Building, Chennai**

Please refer to your quotation Ref.No.SE/Q/RBI/7949/dated June 02, 2007 and your subsequent letter ref.No.SE/Q/RBI/7949 dated June 07, 2007 on the captioned subject.

The Bank is pleased to award the above work to you at your final quoted amount of **Rs.14,03,810/-** (Rupees Fourteen lakhs three thousand eight hundred and ten only) (quoted amount of Rs.14,32,460/- less 2% discount offered Rs.28,650/-).

You are requested to commence the work immediately in consultation with our Assistant Manager (Electrical).

The enclosed copy of this letter may be returned to us duly signed in token of having accepted the work order.

Yours faithfully,

(H.T. Prabhudev)
Deputy General Manager

Encl: 1

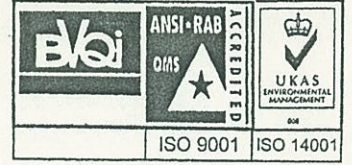
अम्पदा विभाग, फोर्ट ग्लेसिस, 16, राजाजी सालै, पो.बॉ.सं.40, चेन्नै 600001, भारत
फोन:(044)2539 9222 फैक्स:(044)2539 4983 ई-मेल: estatechennai@rbi.org.in

Estate Department, Fort Glacis, 16, Rajaji Salai, P.B.No.40, Chennai 600001,

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राष्ट्रीय इस्पात निगम लिमिटेड
(भारत सरकार का उपक्रम)
Rashtriya Ispat Nigam Limited
(A Government of India Undertaking)



VSP/W/Telecom/161/ 4021

Date : 23.07.2005

TO WHOMESEVER IT MAY CONCERN

Sub: - Completion Certificate of Audio system for MP hall
of Ukku club
Ref: PO. No 4.76.0043/70/P/1261 Dt : 17.02.05

This is to certify that M/s. SASI Enterprises, Chennai has executed the job of Supply, Installation & Commissioning of the Audio system for the Multi Purpose Hall, Ukkunagaram Club of Visakhapatnam Steel Plant for the value of Rs .11,52,617.00. The entire system was installed, tested and commissioned on 04-05-2005. The system is working satisfactorily and the same is being handed over to Ukkunagaram club.

K. Iyapillai 23/7/05

(K Iyapillai)
Dy.General Manager (Telecom)

क. आईपिल्लय - K. IYAPILLAI
उप महा प्रबंधक (दूरसंचार)
Dy. General Manager (Telecom)
दूरसंचार (स) विभाग - Telecom-(W) Deptt.
विशाखपट्टणम इस्पात संयंत्र
Visakhapatnam Steel Plant
विशाखपट्टणम-Visakhapatnam-530 031

हिन्दी के प्रयोग का स्वागत है, पत्र का उत्तर शीघ्र दिया जायेगा ।

Please send your reply to :

Phones : +91 891 -
Fax : +91 891 -
E-mail :
Grams : 'UBEAM'

विशाखपट्टणम इस्पात संयंत्र, विशाखपट्टणम-530031
Visakhapatnam Steel Plant, Visakhapatnam - 530 031.

Regd. Office : Visakhapatnam Steel Project, Administrative Building, Visakhapatnam - 530 031, INDIA.
पंजीकृत कार्यालय : विशाखपट्टणम इस्पात परियोजना, प्रशासनिक भवन, विशाखपट्टणम-530031, भारत



10

Item Code C 81804379

300 Pads 5-6-2004



Phone : 25362201 Extn. 2526
Fax : 091-044-25383881
Telex : 041-8331
Grams : PORTTRUST
E-mail : coschpt@md3.vsnl.net.in

चेन्नै पोर्ट ट्रस्ट
CHENNAI PORT TRUST

नं.
No.

राजाजी सालै, चेन्नै - 600 001.
RAJAJI SALAI, CHENNAI - 600 001.

20.04.05
Date.....

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **M/s Sasi Enterprises** has successfully completed the supply, installation, testing and commissioning of the video and sound reinforcement system and Conferencing system vide our office reference **EME/S1/1651/2004/SME(R&D) Dt 18.02.05 & PSAN/5077 Dt 16.03.05** at a total cost of Rs 18,10550/- (Rupees Eighteen lakhs ten Thousand five hundred fifty only) at our auditorium and board room of the Centenary Building of **Chennai Port Trust**.

The performance of the system has been satisfactory.



M. Paramaguru
Executive Engineer Electronics
For Chief Mechanical Engineer

M. PARAMAGURU, B.E.,
Executive Engineer (Electronic),
Chennai Port Trust
Chennai - 600 001

(11)



GOVERNMENT OF INDIA
Ministry of Urban Development and Poverty Alleviation
Central Public Works Department

Telephone : 2628 7030

Telegram : BIJNIRMANPAL THEEN

No.

Office of the Executive Engineer, (Elect.),
Chennai Central Elect. Division No. III,
C.P.W.D., Nirman Bhavan, 2nd Floor,
Thirumangalam, Chennai - 600 040.

Dated.....

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s. Sasi Enterprises, Chennai - 600 094 have been awarded the work of Providing Conference System & Public Address System in the Seminar Hall & Meeting Hall at Rajiv Gandhi National Institute of Youth Development at Sriperumbudur. For Rs. 23, 08,141/- against Agt. No. 12/CCED-III/2005 - 2006.

The work is almost completed & commissioned except Dais where only podium mikes etc. are to be provided after deciding the location by the client.

The system is functioning satisfactorily.

This certificate is issued at the request of the Agency for participating in a tender.

Chennai.

16/08/2005

G. Pasupathy 16/8
(G.PASUPATHY)
Executive Engineer (E)
CCED-III, CPWD,
Chennai-40.

(12)

सवारी डिब्बा कारखाना/INTEGRAL COACH FACTORY, चेन्नै/CHENNAI - 600 038.

ICF/S/002/96
सडिका/एस/002/96

तार : कोच स्टोर
Telegrams : COACH STORE
फैक्स / Fax : 26261829 (S) 26262180 (F)
Telephone : 26263941 (F) / 26263091 (S)
E-mail : cmms@icf.railnet.gov.in
ई-मेल : cmmf@icf.railnet.gov.in



क्रयदेश / PURCHASE ORDER



OFFICE OF THE CONTROLLER OF STORES, CHENNAI
REGULAR ORDER STOCK ITEM
ISO No. : SM/D/510

टेलीकॉम : एम.एस. 24090 सडिका
टेलिफोन सं. : 26263941 (फै) / 26263091 (सोल)
ई.डी. कोड : एम/0507010617
E.D. Code : M/0507010617

PO No : 08/06/1008/1263/E Dated : 12/06/2006

निविदा का प्रकार : OPEN TENDER
निविदा सं./ Tender No. : 08061008
खोलने की तारीख : Opened On : 13/03/2006

सेवा में/To M/S. SASI ENTERPRISES 149, NELSON MANICKAM ROAD, CHOOЛАIMEДУ, CHENNAI Pin Code 600 094.	विक्रेता कोड/Vendor Code 1158221	वार्ड Ward 39	पी.एल.सं. PL. No. 30767039	यूनिट Unit 03	वर्ग Cat. 01
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आपके कोटेशन सं./ Your Quotation No. : SE/Q/ICF/7052 दिनांक/Dated : 11/03/2006

उत्तेके के लिए भारतीय रेलवे मानक केन्द्र द्वारा निर्धारित यथा तारीख को लागू शर्तों तथा इस पृष्ठ की पिछली तरफ दिए हुए संशोधित अनुदेशों और इस आदेश के भाग-1 एवं भाग-2 में उल्लिखित शर्तों के अनुसार निम्नलिखित समग्री की आपूर्ति के लिए उपर्युक्त निविदा-जॉच में दर्शाया गया कोटेशन स्वीकृत है। (इससे संबंधित अन्य विवरण इस आदेश के भाग-दो में दिया हुआ है।)

The above Quotation against the above tender enquiry is accepted for the supply of undermentioned goods to IRS conditions of Contract in force on date and as modified by instructions given on the reverse of this sheet and special conditions specified below in Part-1 and Part-2 of the order (Other references are given in Part-2 of the Order).

भाग-1 मुख्य क्रयदेश का विवरण
PART-1 MAIN PURCHASE ORDER DATA

विस्तृत विवरण/ Detailed Description Refer Part 2 of the order	आदेशित मात्रा/ Quantity Ordered 14.000 SET
	मूल दर/ Basic Rate RS 1, 64, 180.000
	आदेश का मूल्य/ Value of Order RS. 26, 86, 958/-
	सुपुर्दगी तारीख/ Delivery Date Refer Part-2
	मांगकर्ता/ Consignee SMM/FUR-DEPOT/ICF
	को बिल भेजा गया/ Bill to be sent to FA&CAO(F) BILL/ICF
	सुपुर्दगी शर्त/ Delivery Term FREE DELIVERY AT I.C.F
	...द्वारा निरीक्षण/ Inspection by ICF AT ICF
आदेशित मात्रा (शब्दों में) Ordered Quantity (in words) FOURTEEN SETS ONLY	आधार दरें, (शब्दों में) Basic Rate in words RUPEES ONE LAKH SIXTY FOUR THOUSAND ONE HUNDRED AND EIGHTY ONLY PER SET

भुगतान नियम / Payment Term

100% ON RECEIPT NOTE

: Refer part-2 for detailed payment term.

उत्पाद-शुल्क - Excise Duty

Nil
Nil

अधिभार / Surcharge

उत्पाद शुल्क के लिए दावा करने की प्रक्रिया
Procedure for Claiming Excise-Duty

Not Applicable

बिक्री-कर / Sales Tax

अधिभार / Surcharge

बिक्री-कर का प्रकार / Type of Sales-Tax

4.00% extra
5.00% of Sales-Tax extra
TNGST

नाम / Name

N.P.SINHA

पदनाम / Designation :

DY. CMM/E/F

भारत के राष्ट्रपति के लिए और उनकी ओर से /
for and on behalf of President of India

जारी / Continued

विस्तृत नियमों के लिए भाग-II देखें। आदेश प्राप्त की तारीख से एक सप्ताह के अंदर आदेश की पावती देनी चाहिए
Please refer Part-II for DETAILED TERMS AND CONDITIONS. The receipt of the Order should be acknowledged within one week from the date of receipt of order.

0022877



LARSEN & TOUBRO LIMITED

ENGINEERING, CONSTRUCTION & CONTRACTS DIVISION

Headquarters : Mount Poonamallee Road, Manapakkam, P.B.No.979, Chennai-600 089. Tel. : 2252 6000 / 2252 8000 Fax : +044-2249 3317

Ref. :

E-mail :

Website : www.lntccc.com
www.larsentoubro.com

10.01.07

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s. SASI ENTERPRISES has successfully completed the Supply, Installation, Testing and commissioning of the Sound Reinforcement & Wireless Microphone Systems at our Convention Hall, Toubro Hall & Mortensen Hall against our Order No. EPR06462, EPR06893 and EPR07830 for the Total Cost of Rs. 32,18,321/- (Rupees Thirty Two Lakhs Eighteen Thousand Three Hundred and Twenty one Only)

The Performance of the system has been Satisfactory

For LARSEN & TOUBRO LIMITED
ECC DIVISION

(K. PARTHIBAN)
MANAGER - AOB MAINTENANCE



BOSCH

Security
Certified Partner

Bosch Security Systems hereby acknowledges

M/s. Sasi Enterprises

as a member of the

Bosch Security Certified Partner Program

2007

Your expertise and dedication to upholding the highest levels of quality and service along with your commitment to training entitle you to this prestigious distinction.

This display of excellence has elevated your organization to the top of the industry.



Dr. Albert Hieronimus
Managing Director
Motor Industries Co. Ltd



Dhraj Wali
Business Head
Security Systems Division
Motor Industries Co. Ltd

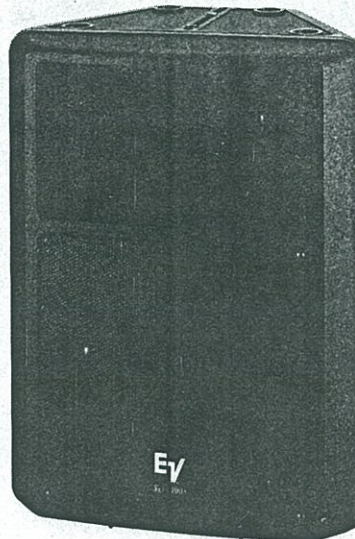
SxA360

SxA360
Compact Powered Sound
Reinforcement Speaker for
Live Sound, Speech, Playback, DJ,
AV, Institutional Venues



Key Features:

- Compact, Ergonomic Size
- Integral Monitor Stand
- 350W LF Power
- 150W HF Power
- Line Output for Additional Speakers
- 65° x 65° Constant Coverage Horn
- High Sensitivity, 129 dB Maximum SPL
- Dynamic Filters Provide Overload Protection and Linear Response
- Molded-in Pole Mount, Easily Suspended
- Linear Response



General Description:

The Electro-Voice® SxA360 sets a new standard for powered speakers. Its design provides the user a simple to use system with plenty of power in very compact, lightweight, attractive package.

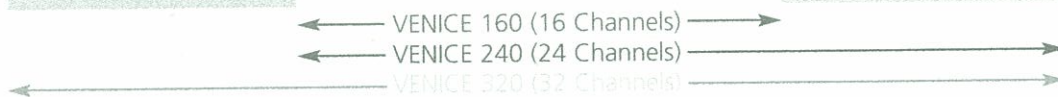
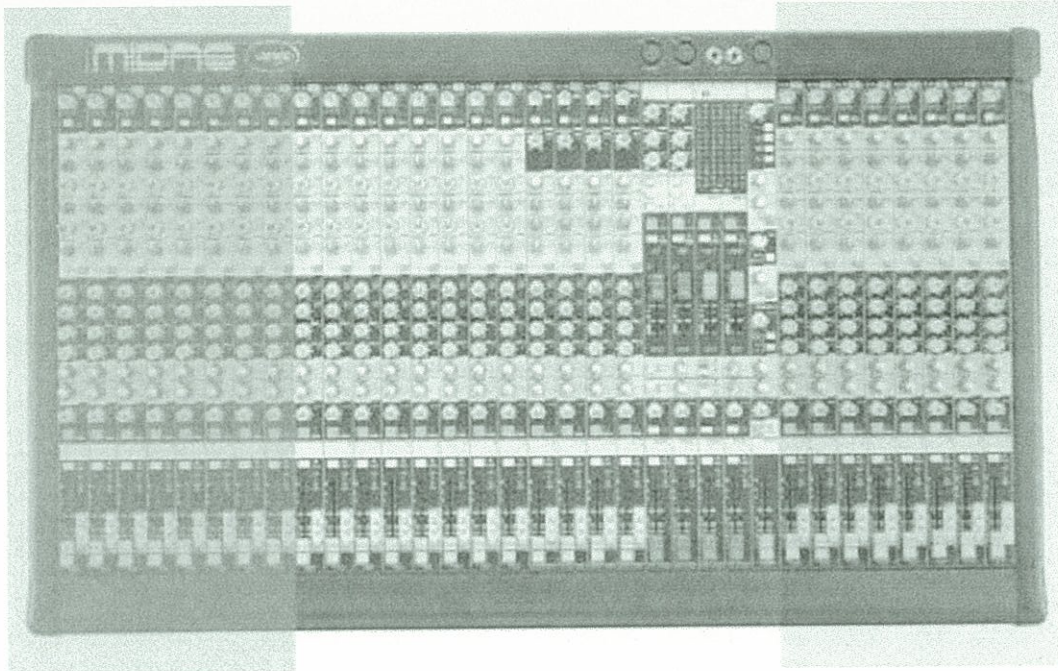
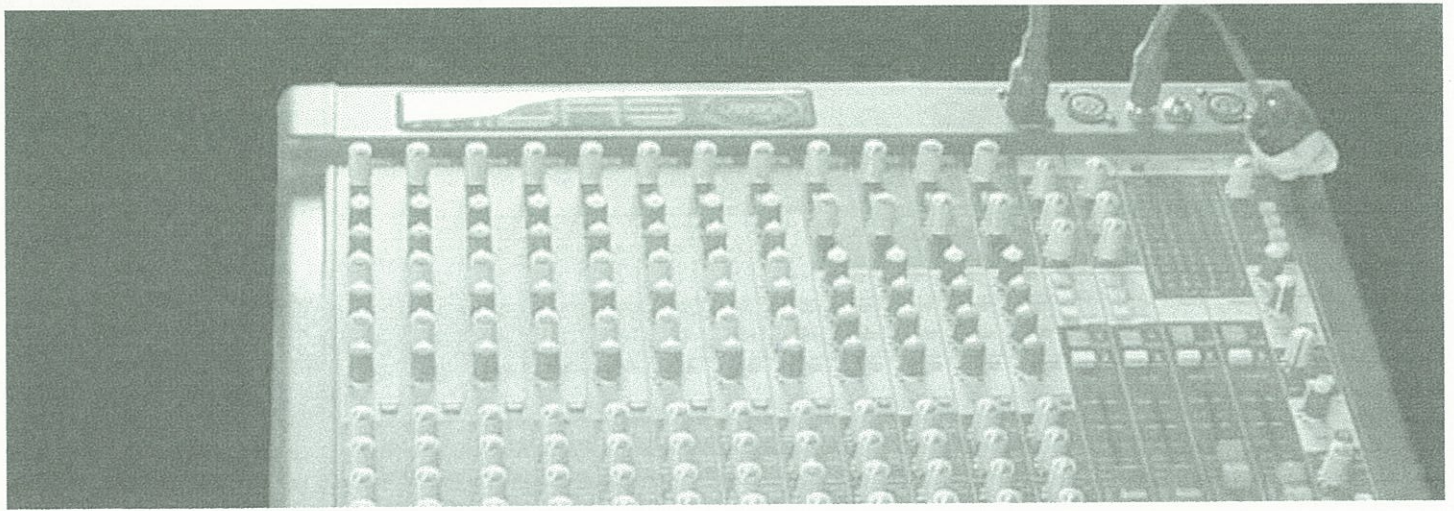
This is a full range loudspeaker ideal for most applications requiring high-quality sound. The SxA360 offers a unique combination of high SPL, natural frequency response, and dynamic headroom in an extremely lightweight package. Its linear response provides excellent feedback-free sound without additional equalization.

Built-in suspension points and pole mount make it easy to position for your application without expensive accessories.

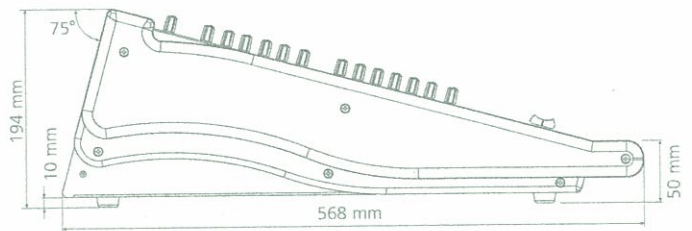
The high-frequency section of the SxA360 utilizes a molded-in, 65° x 65° constant-directivity horn. This unique pattern contributes to high intelligibility, vocals sound natural yet "cut through" in reverberant, noisy rooms. Coverage pattern is uniform, sound quality off-axis is very well maintained, even at 45° off axis (a 90° total coverage angle). The SxA360's high-frequency horn is driven by the DH2T, a one-inch-throat, wide-bandwidth, titanium-diaphragm driver using a unique, convex-drive TimePath™ phasing plug structure (U.S. Patent #4,525,604) for smooth and extended high-frequency response. The SxA360 ships with a 5m (15ft) power cord.

Technical Specifications:

Freq. Response (-10 dB):	60 Hz - 18 kHz
Horizontal Coverage:	65°
Vertical Coverage:	65°
LF Amplifier Power:	350W RMS
HF Amplifier Power:	150W RMS
Max SPL (Calculated):	129 dB
Line Input Sensitivity:	-12 dBu to 0 dBu for full output
LF Transducer:	12" (300mm) DL12BFH Woofer
HF Transducer:	1" (25mm) exit DH2T Comp. Driver
Connectors:	
Line Inputs:	XLR and ¼" phone Combination
Balanced Output:	XLR
Power Requirement:	110-130 VAC, 50-60Hz, or 220-240 VAC, 50-60Hz 600 Watts
Enclosure Material:	Copolymer
Grille:	Powder Coated Steel
Dim (H x W x D):	23.1" x 16.9" x 12.3 ("586 x 429 x 312mm)
Net Weight (each):	36 lbs (16.6 kg)
Shipping Weight:	40 lbs (18.4 kg)



external power supply eps1200

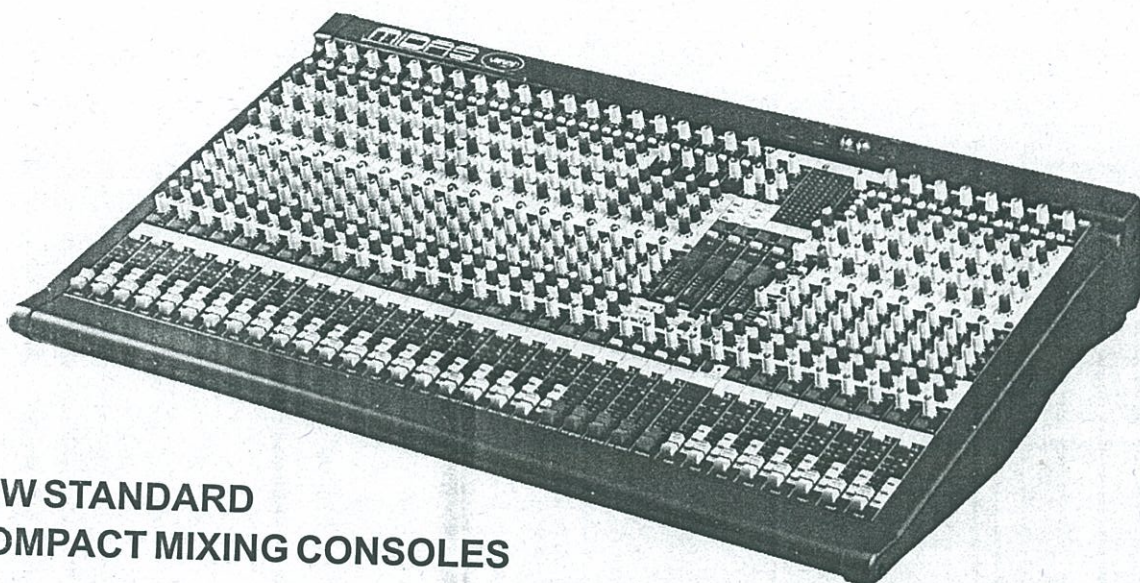


	VENICE 160	VENICE 240	VENICE 320
Size (mm/inch)			
Width	490 / 19.3"	698 / 27.5"	906 / 35.7"
Depth	568 / 22.4"	568 / 22.4"	568 / 22.4"
Heights	194 / 7.6"	194 / 7.6"	194 / 7.6"
Weight (kg/lb)			
	16,4 / 36.2	21,1 / 46.5	25,8 / 56.9

17

Midas Venice

MIXERS



A NEW STANDARD IN COMPACT MIXING CONSOLES

Now, for the very first time, our customers can enjoy all the great features that go into every MIDAS console in three very manageable frame sizes - Venice 160, 240 and 320 models.

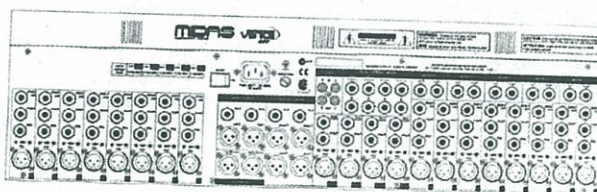
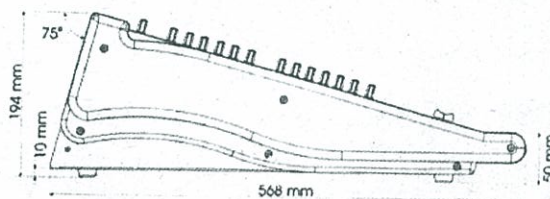
Venice 160 9s supplied as standard with rack-mounting hardware, and a rotatable connector panel, allowing optimum configuration for the application, whether fixed or mobile. Whether as the main console on events requiring up to 24 mono plus 4 stereo inputs, as a sub-mixer on larger productions, or as an onstage mixer for performers to control, Venice sets a new standard in compact mixing consoles for all applications.

MIDAS - Top Class Quality and Design

- * MIDAS microphone pre-amps - the basis of the legendary 'Midas Sound'
- * Frequency response and distortion - a 'hot' issue
- * MIDAS equalisation - both a creative tool and a problem solver for the engineer
- * Highest quality components - only the best makes its way into a MIDAS console
- * MIDAS Venice - first-class electromechanical parts throughout
- * Straightforward layout and intuitive operation - through experience
- * Gain structure and output signals

VENICE 160 VENICE 240 VENICE 320

Size (mm/inch)	VENICE 160	VENICE 240	VENICE 320
Width	490/19.3"	698/27.5"	906/35.7"
Depth	568/22.4"	568/22.4"	568/22.4"
Heights	194/7.6"	194/7.6"	194/7.6"
Weight (kg/lb)	16,4/36.2	21,1/46.5	25,8/56.9



RE510
Handheld Condenser
Microphone



Key Features:

- 5/8" diameter self biased condenser capsule offers the warmth of a larger capsule design without sacrificing off-axis performance or transient response
- Low-frequency roll-off switch enables tailoring of low-frequency response to meet application requirements
- Supercardioid polar pattern for superior feedback rejection and acoustic isolation
- Modern high-speed electronic design for extremely low distortion, and outstanding transient response
- High current differential output stage can drive long microphone cables without loss of performance
- Warm Grip handle for more comfortable feel
- Multistage pop filter eliminates breath pop noises

General Description:

The RE510 is a professional quality hand-held condenser microphone that was designed especially for vocalists. The RE510 features a 5/8" diameter capsule, advanced electronic design, and best of all, a sound that will enhance any vocal performance.

The high frequency response of the RE510 has been designed to provide just the right amount of definition and "air" without the stridency so common in other condenser vocal microphones.

The low frequency response of the RE510 in combination with the low frequency selector switch provides versatility that was designed to be truly useful. With the low frequency selector switch in the rolled off position, the low end of the RE510 is tailored to compensate for proximity effect and provides full, clean sound without muddiness. When increased low-end is desired, placing the low frequency selector switch in the flat position adds just enough warmth to be noticeable, but not overbearing.

The wide bandwidth, high SPL handling capability, and low frequency selector switch of the RE510 also make it a versatile instrument microphone for most any application.

The low frequency selector switch is securely located beneath the ball screen and can't be changed inadvertently.



Technical Specifications:

Generation Element:	Self-Biased condenser
Frequency Response:	40 Hz to 20,000 Hz (see chart)
Polar Pattern:	Supercardioid (see chart)
Sensitivity, Open Circuit Voltage, 1 kHz:	3.2mV/Pascal
Clipping Level, 1 kHz:	+2 dBV
Maximum SPL, 1 kHz:	146 dB SPL (1% THD)
Self Noise:	22 dB SPL "A" weighted (0 dB=20 micropascals)
Dynamic Range (Maximum SPL to A Weighted Noise Level):	124 dB
Signal-to-Noise Ratio:	72 dB (@ 94 dB SPL)
Output Impedance, 1 kHz:	250 ohms
Power Requirements:	Phantom Supply Requirement: 24 to 48 VDC
Polarity:	Positive pressure on diaphragm produces positive voltage on pin 2 relative to pin 3
Dimensions:	Length = 7.15" (182 mm) Diameter = 2.0" (51 mm) Shank = 1.0" (25 mm)
Accessories Included:	326 Stand Adapter (Black) Soft Zippered "Gig" Bag
Optional Accessories:	323S Stand Adapter 376 Charcoal Windscreen 379-1 Black Windscreen 379-2 Red Windscreen
Net Weight:	9.2 oz. (260 grams)

N/D767a

N/DYM® Dynamic Supercardioid
Vocal Microphone



Key Features:

- VOB™ technology provides tailored bass response
- Supercardioid pattern for exceptional acoustic isolation and feedback rejection
- Multistage shock mount for unmatched low-handling noise
- Neodymium based magnet structure provides greater sensitivity and signal-to-noise ratio
- Warm Grip™ handle for more comfortable feel



General Description:

The N/D767a presents optimal performance in a live sound environment. The 767a vocal microphone utilizes EV's VOB™ (Vocally Optimized Bass) technology to provide the performer with reduced low-end distortion and eliminates the muddiness found in other microphones. Combined with EV's industry first neodymium based magnet structure, the N/D767a offers the power and clarity to "cut through the mix."

Operation

The low frequency response of the N/D767a microphone varies with the distance from the sound source. Known as "proximity effect," maximum bass response is produced in "close-up" use with the microphone 1/4 inch from the sound source. Normal bass response is experienced with working distances greater than 24 inches. Working close to the microphone will produce a more robust sound. Close up positioning of the microphone will also reduce the potential for feedback from the sound reinforcement system. When close-talked, the bass-boost provides an increase in overall microphone output level. The mixer gain may be proportionately reduced, resulting in a reduction of the system's sensitivity to feedback caused by sound entering the microphone from the loudspeakers.

Technical Specifications:

Element:	Dynamic N/DYM® magnet structure
Freq. Response, Close:	35 Hz - 22,000 Hz
Freq. Response, Far:	70 Hz - 22,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage @ 1 kHz:	3.1 mV/pascal
Dynamic Range:	144 dB
Polarity:	Pin 2 positive, referenced to pin 3 with positive pressure on diaphragm
Impedance:	350 ohms balanced (low-z)
Microphone Connector:	3-pin, XLR-type
Finish:	Non-reflecting black
Materials:	Memraflex™ grille screen Warm Grip™ handle
Accessories Included:	Stand Adapter (Black) Soft Zippered "Gig" Bag
Dimensions, Length:	7.1" (181 mm)
Diameter:	2.1" (52 mm)
Shank:	0.80" (20 mm)
Net Weight:	9.2 oz (260 g)
Shipping Weight:	18.9 oz (535 g)

EV Electro-Voice®

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Key Features:

- **Nonreflecting Black (RE90B) or Low-Gloss White (RE90BW)**
- **Ultra-Low Profile**
- **Half-Cardioid Polar Response Promotes Excellent Gain-Before-Feedback**
- **Full, Non-Slip Shock Pad Electrically and Mechanically Isolates Case from Mounting Surface**
- **Internally Equalized for Natural Response on Large Surfaces**
- **Tamper-Resistant Terminal Block Connections for Fixed or Temporary Applications**



General Description:

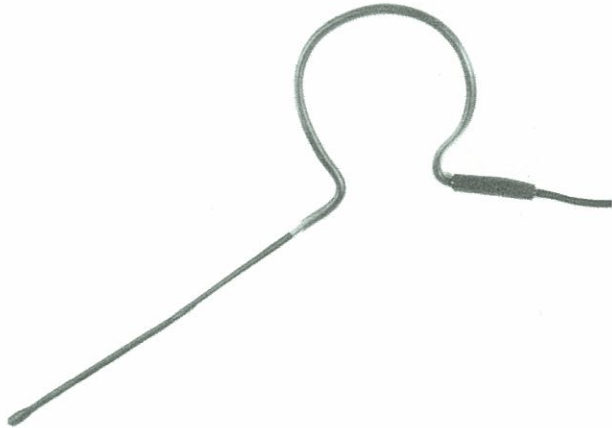
The Electro-Voice® RE90B and RE90BW are part of the Architectural Microphone Series. The RE90B is a full-range condenser microphone designed to be used for surface mounted applications such as distance learning centers, video conferencing systems, teleconferencing systems, and sound reinforcements. The polar pattern of the RE90B is half-cardioid (half-space cardioid) to promote good gain-before-feedback and suppress ambient noise. All boundary type microphones operated on a flat surface are subject to an increase in sensitivity of the microphone with increasing frequency; this is called the baffle effect. To counteract this effect, the RE90B has been designed with internal equalization to give the RE90B a flat sensitivity response. The RE90B is designed to be powered by an external 9-52 V dc phantom power supply (DIN 45 596). The RE90B microphone is encased in a heavy-duty zinc die cast body protected by a strong, perforated steel screen. The body of the microphone is designed to provide two distinctive functions. First, the case is electronically isolated from the surface that it is placed on by virtue of the rubber friction pad and the internal fiber washers when permanently mounted. Second, the microphone's miniature cable can be routed directly from the rear of the microphone, or the cable may be directed from the bottom of the microphone through the table top without exposing the microphone cable. The microphone cable is connected to the microphone by a pilfer-resistant internal terminal block. For permanent installation, a drilling template is provided. The RE90B's body is designed as a low-profile housing. Both microphones are shock mounted through a combination of a heavy diecast case, a rubber nonslip bottom pad, and internal padding of the microphone and printed circuit board. This combination of isolation minimizes the mechanical coupling of surface vibrations to the microphone. For the RE90B, a 3.0-m (10 ft.) black miniature shielded two-conductor cable is provided with a male XLR-type connector. The RE90BW is provided with a 3.0-m (10 ft.) white miniature shielded two-conductor cable with a male XLR-type connector.

Technical Specifications:

Generation Element:	Condenser, back electret
Frequency Response:	80 Hz to 15,000 Hz (see chart)
Polar Pattern: (see chart)	Half-Cardioid (Cardioid in hemisphere above mounting surface)
Sensitivity, Open Circuit Voltage, 1 kHz:	25mV/Pascal
Clipping Level (1% THD):	>125 dB SPL
Equivalent Noise:	<25 dB SPL "A" weighted
Dynamic Range:	102 dB
Output Impedance, 1 kHz:	200 ohms
Power Requirements:	9 to 52 VDC Phantom Supply
Current Consumption:	2.5 mA
Polarity:	Positive pressure on the diaphragm produces positive voltage on pin 2
Dimensions:	Width = 3.7" (94.1 mm) Length = 5.1" (128.4 mm) Height = 0.63" (16mm)
Color:	Nonreflecting black or white
Environmental Conditions:	Relative Humidity 0-50%: -29° to 74°C (-20° to 165°F) Relative Humidity 0-95%: -29° to 57°C (-20° to 135°F)
Net Weight:	12.6 oz. (376 g) with 6' cable and male XLR connector
Shipping Weight:	18 oz. (510 g)

Key Features:

- Ultra-Low Profile for Inconspicuous Use
- Lightweight, Durable
- Interchangeable for Left or Right Ear
- Omnidirectional Polar Pattern Provides Clean Sound and Uniform Response



General Description:

The Electro-Voice® RE97Tx is an Ultra-low profile, omnidirectional, back-electret condenser headworn microphone designed for use with standard EV and Telex belt packs. The RE97Tx is intended for spoken word use such as Houses of Worship, Corporate AV, Theatre, Fixed Install, and other venues where a full-range, natural, well-balanced sound is required. The omnidirectional polar pattern of the RE97Tx provides a clean and accurate sonic quality and uniform output regardless of the microphone's position relative to the sound source.

The RE97Tx is designed to be extremely flexible and easily formed to fit over the ear of any user. The malleable boom and earhook can be shaped to match virtually any contour. The TA4F terminated cable is discretely routed behind the user and attaches to the shirt collar with the elegant clothing clip included, keeping the cable out of the way and preventing the microphone from being pulled off the user's ear. The supplied windscreen can be used in windy environments and to reduce breath noise.

The RE97Tx comes with a shielded 4ft cable terminated in a high quality TA4F connector. It is wired for use with standard EV and Telex belt packs including the EV (BPU-2/CSB-1000) and Telex (WT-500/WT-1000) bodypack transmitters and operates from a 5VDC supply.

Technical Specifications:

Generating Element:	Condenser, back electret
Frequency Response:	50 – 15kHz
Polar Pattern:	Omnidirectional
Sensitivity, 1kHz (Open Circuit):	4.0mV / Pascal
Clipping Level:	>125 dB SPL
Equivalent Noise:	32 dBA
Dynamic Range:	93 dB
Output Impedance, 1kHz:	3000 ohms
Power Requirements:	5 VDC
Current Consumption:	310 uA
Polarity:	Positive pressure on diaphragm produces a positive voltage on pin 2.
Dimensions	Boom length (as shipped): 3.4 in. (86.4 mm) Boom diameter: 0.080 in. (2.00 mm) Capsule diameter: 0.120 in. (3.05mm) Earhook diameter: 0.090 in. (2.30 mm)
Cable:	4 ft (1.22m) long, 0.077 in. (1.95mm) diameter
Connector Wiring:	Pin #1 – Ground, Shield Pin #2 – Audio Pin #3 – Bias Voltage Pin #4 – N/C
Accessories Furnished:	Windscreen Clothing Clip Gig Bag
Color:	Beige, Brown, Black
Net Weight:	0.6 oz. (17g) Mic only: 0.2 oz. (5.7g)

PolarChoice Series:
PC-12/FL
PC-18/FL



Threaded/Flange Mount Miniature Multi-Pattern Podium Microphone

Key Features:

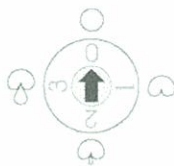
- Dual Capsule Design with four polar patterns: Omnidirectional, Cardioid, Supercardioid, and Hypercardioid.
- Thread or flange mount
- Cable can exit from the side or through the bottom of the gooseneck
- Switchable high pass filter
- Consistent on-axis response.
- Available in 12 or 18 inch versions.
- Non-reflecting black finish
- Phantom powered back-electret condenser
- Packaged with a two-piece shock mount



General Description:

The PC-12/FL and PC-18/FL are multi-pattern miniature gooseneck podium microphones designed for sound reinforcement systems where sound quality and gain-before-feedback is of major importance. The multi-pattern versatility of the PolarChoice microphone makes it true "problem solver". With three directional and one non-directional polar pattern available, the PolarChoice™ microphone is ideal for virtually any installation. Polar patterns can be easily changed, using a small flat bladed screwdriver with the front mounted rotary control on the external electronics module. The control switch has the following settings:

Switch Setting Polar Pattern



Switch Positions:
0 Omnidirectional
1 Cardioid
2 Supercardioid
3 Hypercardioid

Altering the polar pattern does not change the on-axis sonic character of the microphone; therefore changes in equalizer settings are unnecessary. The PC-12/FL and PC-18/FL are acoustically designed for high-quality sound reinforcement and broadcast applications. The frequency response is tailored for wide-range sound reproduction with very natural sound pick-up for either distant or close-up use.

The PC-12/FL and PC-18/FL microphones can be mounted in several different ways. They can be mounted on any fixture that has a standard 5/8" X 27 microphone thread (such as a microphone stand), or they can be mounted to any flat surface using the included threaded flange. Additionally, they can be mounted using the included shock mount and adapter. The cable can be easily changed to exit from either the side, or through the bottom of the microphone.

The small, dual diameter gooseneck has two supple joints and a rigid center tube. The rigid tube prevents unsightly twisting of the gooseneck but permits the user to exactly position the microphone. The electronics module is terminated with a male XLR-type 3-pin connector that allows the microphone to be plugged directly into an existing panel-mount XLR receptacle. The electronics module can also be surface mounted using the included mounting clips. The housing is machined brass for ruggedness and superior EMI/RFI attenuation. The PC-12/FL and PC-18/FL are designed to be phantom-powered with a wide voltage range of 12-52V dc (DIN Standard 45 596).

EV Electro-Voice®

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RE200
**Cardioid, True Condenser
 Instrument Microphone**



Key Features:

- **Continuous Presence Rise Enhances Sound Quality**
- **True Condenser Design**
- **Transformerless Output**
- **Small, Unobtrusive Profile**
- **Includes Stand Clamp, Windscreen, and Zippered Vinyl Pouch**



General Description:

The Electro-Voice® RE200 is a cardioid, true condenser instrument microphone designed for the exacting acoustic reproduction of choirs, strings, percussion and brass instruments in live performance and sound recordings. The RE200 is designed to be used in professional remote recordings, sound reinforcement systems, sound studios and motion picture/TV scoring stages.

The RE200's frequency response has a continuous presence rise to enhance the sound quality. The excellent transient response and smooth frequency response is gently lifted above 1,000 Hz, lending an open, transparent detail to the recorded sound.

The RE200's transducer is a true, external biased condenser element based on the RE2000 transducer design. (Most studio recording microphones are true condensers because they have greater sensitivity and stability than an electret element). The diaphragm is ultrathin, gold laminated, environmentally stabilized and ultralow in mass. The electrode is a precision-cut, singlepiece, ceramic disc layered with gold. The transducer is biased by an internal dc-to-dc converter to ensure that its sensitivity and performance is not dependent on phantom voltage. The RE200 transducer is cradled in an AcoustiDYM™ shock-mount system for mechanical isolation. The RE200's electronics are designed to operate from 12 to 52 Vdc phantom power.

The RE200 is small, light and rugged, making it ideal for a variety of applications without being obtrusive.

The RE200 is supplied with the model 311 microphone stand clamp, a zippered vinyl carrying pouch and a Wind Tech™ 5700-12 black external foam windscreen.¹

1. Wind Tech™ is a trademark of Olsen Audio Group, Inc. The 5700 windscreen can be purchased separately from Wind Tech at 480/998-7140.

Technical Specifications:

Generating Element:	True condenser (externally biased)
Frequency Response:	50 - 18,000 Hz
Polar Pattern:	Cardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	10 mV/pascal
Clipping Level (1% THD):	130 dB SPL
Equivalent Noise:	21 dB SPL, A weighted (0 dB = 20 micropascals)
Dynamic Range:	109 dB
Output Impedance(1 kHz):	200 ohms
Power Requirements:	12-52 Vdc phantom supply
Polarity:	Pin 2 positive, referenced to pin 3, with positive pressure on the diaphragm
Finish:	Semigloss "camera" black
Environmental Conditions:	
Relative Humidity 0-50%:	-20 to 165 °F (-29 to 74 °C)
Relative Humidity 0-95%:	-20 to 135 °F (-29 to 57 °C)
Dimensions (Mic Only):	
Width At Transducer:	1.1 in. (27.9 mm)
Width At Handle:	0.8 in. (20.3 mm)
Length:	5.4 in. (137.2 mm)
Net Weight, Microphone:	6.5 oz (185 g)
Shipping Weight:	16.1 oz (456 g)
Accessories Included:	311 stand clamp Zippered vinyl carrying pouch Wind Tech™ 5700-12 black external foam windscreen ¹

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SPECIFICATIONS

RE-2 RECEIVER

Receiver Type	Synthesized PLL
Frequency Range (RF)	A Band 648 – 676 MHz (TV Channels 43 - 48) B Band 696 – 724 MHz (TV Channels 51 - 56)
Number of Channels	1112 possible channels Programmable in 25 kHz steps
Modulation	+/- 40 kHz
Diversity	Digital Posi-Phase™ True Diversity
RF Sensitivity	< 1.0 mV for 12 dB SINAD
Image Rejection	> 60 dB
Squelch	Tone Code plus Amplitude
Ultimate Quieting	> 100 dB
FCC Certification	Approved under Part 15
Power Requirements	12 V AC/DC 300 mA
Antennas	Detachable 1/4 wave
Dimensions	1.72" H x 7.50" W x 5.9" D 43.69 cm H x 190.50 mm W x 150 mm D

AUDIO PARAMETERS

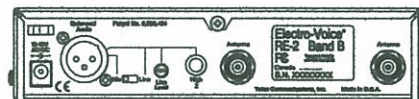
Frequency Response	50 – 15 kHz +/- 2 dB
Balanced Output (max @ 40 kHz deviation)	
<i>Mic Position</i>	-10 dBV
<i>Line Position</i>	Adjustable 10 mV-2V RMS
Unbalanced Output	Adjustable 10 mV-1V RMS
Distortion	<1.0%, 0.5% typical (ref 1 kHz, 40 kHz deviat)
Signal-to-Noise Ratio	>100 dB A Weighted
Dynamic Range	>100 dB

TRANSMITTERS, BODYPACK (BPU-2) AND HANDHELD (HTU-2)

Radiated Output	30 mW typical
Microphone Head Electro-Voice 767a	N/D 767a Supercardioid N/DYM Dynamic
Microphone Head Electro-Voice 267a	N/D 267a Versatile Cardioid Dynamic
Microphone Head Electro-Voice RE 410	RE 410 Classic Cardioid Condenser
Standard Lavalier Microphone	EV RE 90Tx MicroMini™ Omni-Directional Condenser
TA4 Connector Wiring	Pin 1: Ground; Pin 2 Mic Input; Pin 3: +5V bias; Pin 4: +5V bias through a 3kΩ resistor
Audio Gain Adjustment	40 dB (handheld 26 dB)
Power Requirements	9 Volt Alkaline Battery
Battery Life (Typical)	> 8 hours with 9-Volt Alkaline Typical
Bodypack Antenna	Flexible external 1/4 wave
Handheld Antenna	Internal 1/2 wave
Dimensions (Handheld)	9.4 in. (24.0 cm) Long
Dimensions (Bodypack)	3.8 in. H x 2.6 in. W x 0.92 in. D 96.5 mm H x 66 mm W x 23.4 mm D

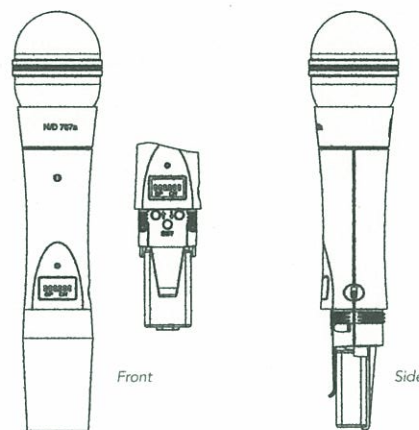


Front



Back

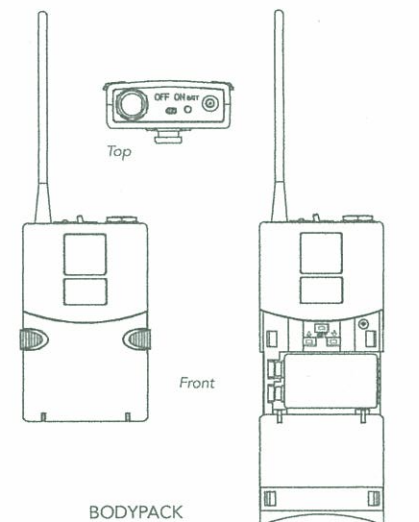
RECEIVER



Front

Side

HANDHELD



Top

Front

BODYPACK



STEP UP TO ELECTRO-VOICE®

12000 Portland Avenue South
Burnsville, Minnesota 55337
1-800-392-3497
www.electrovoice.com

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UHF Wireless Microphone System

Clean channel. Clear sound. Clever wireless.™



RE-2 UHF Receiver

Features:

- One touch Auto-ClearScan
- Programmable in 25kHz steps across 28 MHz operating bandwidth
- Backlit LCD displays the Group, Channel, Frequency, transmitter battery level, diversity operation, and RF and Audio signal level meters
- Balanced XLR audio output for Microphone or Line level signals and a 1/4 inch line level jack
- Fourth generation Posi-phase™ diversity and advanced audio circuits
- Unique "Guitar" setting

Benefits:

- Finds the clearest channel in the clearest group in seconds
- 1112 possible frequencies so it will always find a clear channel
- Professional systems costing twice as much don't provide this much information
- Compatible with any application
- Provide maximum range and professional sound quality
- Turns a standard receiver/bodypack into an optimized guitar wireless system
- Flexibility — use with optional rackmount kits, antenna distributors and cables for permanent installations

RE-2 UHF Transmitter

Features:

- Unique "smart" battery
- LCD Displays Group and Channel, Frequency, or Battery Level
- Low battery LED
- One On/Off button that also acts as a mute
- On/Off button can be disabled

Benefits:

- Impossible to put the battery in wrong, great for quick changes on a dark stage
- All the info you need at a glance
- Tells you when to change the battery
- Great for pauses in presentations and worship services
- Prevents accidental turnoffs during a performance

RE-2 UHF Handheld

Features:

- Available with three different microphone elements
- N/DYM 267a Dynamic element
- RE 410 Condenser
- NDYM® 767a Dynamic premium vocal microphone with VOB™ (Vocal-Optimized-Bass)
- Internal 1/2 wave antenna

Benefits:

- Fits the vocalist's style and environment
- Classic dynamic sound and performance in applications ranging from Rock and Roll to spoken word
- Low handling noise, crisp condenser sound and off mic performance. Perfect for schools, houses of worship and any other multitasking application.
- Excellent sound and gain-before-feedback for high SPL stages
- Excellent range and it stays out of harms way

RE-2 UHF Bodypack

Features:

- Cell phone style beltclip
- Optional pouches available
- A wide selection of lapel and headworn microphone accessories are available

Benefits:

- Offers quick and easy attachment
- For use under costumes or for more vigorous applications like aerobics
- So you can select the microphone suited to your application

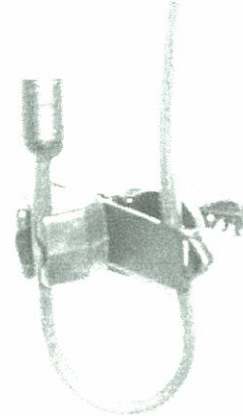


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Key Features:

- Ultra-Miniature Size for Inconspicuous Attachment
- Light Weight
- Omnidirectional Polar Pattern Provides Clean Sound and Uniform Response
- Complete Assortment of Clips



General Description:

The Electro-Voice® RE90L is an omnidirectional back-electret condenser lavalier microphone designed for the *Architectural Series Microphone* line. The RE90L is intended for sound reinforcement applications such as houses of worship, schools, or other venues where full-range, natural, well-balanced sound is required. The omnidirectional polar characteristics of the RE90L provide clean and accurate sonic quality and uniform output regardless of the microphone's position relative to the sound source. The RE90L is designed to attach to the talker's clothing using the supplied clips. The electronics housing features a side clip to facilitate attachment to a belt or pocket. In addition, the extremely compact size of the RE90L is ideal for performance or house of worship applications where the microphone must remain as inconspicuous as possible to the viewing audience.

Technical Specifications:

Generation Element:	Condenser, back electret
Frequency Response:	50 Hz to 18,000 Hz (see chart)
Polar Pattern: (see chart)	Omnidirectional
Sensitivity, Open Circuit Voltage, 1 kHz:	12.6mV/Pascal
Maximum SPL at 1% THD:	130 dB SPL
Equivalent Noise:	<29 dB SPL "A" weighted
Dynamic Range:	>100 dB
Output Impedance, 1 kHz:	150 ohms
Power Requirements:	9 to 52 Volt Phantom Supply
Current Consumption:	1.0 mA typ.
Polarity:	A positive pressure on the diaphragm produces a positive voltage on output pin 2 (+)
Finish:	Nonreflecting Black
Dimensions:	Length = 93 mm (3.65") Body Diameter = 19 mm (0.75") Capsule Diameter = 4.9 mm (0.19")
Cable Length:	1.8m (6 ft) long
Net Weight:	33.5 g (1.2 oz.)
Shipping Weight:	235 g (8.3 oz.)
Accessories Furnished:	External Windscreen Universal Tie Clip Tie Tac Zippered Gig Bag
Optional Accessories:	Dual Microphone Clip

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N/D868

N/DYM® Bass Drum
Microphone



Key Features:

- Designed specifically for kick drum applications in live or studio environments
- Optimized sensitivity for the high sound pressure levels found in bass drum mic'ing
- Extended low-frequency response
- No additional EQ required
- Rugged steel construction for exceptional durability



General Description:

The N/D868 is truly a top performer in any application. Whether in a live sound or studio environment, the N/D868 is able to handle incredibly high sound pressure levels without distortion or overriding the input mixer. With a response specifically designed to "kick" the N/D868 can be used "as is"—no additional EQ required. Electrovoice was the first to utilize the neodymium magnet structure, and it remains at the heart of our new N/DYM series of microphones. Experience the leader again for the first time and hear the difference.

Operation

The low frequency response of the N/D868 microphone varies with the distance from the sound source. Known as "proximity effect," maximum bass response is produced in "close-up" use with the microphone 1/4 inch from the sound source. Normal bass response is experienced with working distances greater than 24 inches. Working close to the microphone will produce a more robust sound. Close up positioning of the microphone will also reduce the potential for feedback from the sound reinforcement system. Then, the bass-boost provides an increase in overall microphone output level. The mixer gain may be proportionately reduced, resulting in a reduction of the system's sensitivity to feedback caused by sound entering the microphone from the loudspeakers.

Technical Specifications:

Element:	Dynamic N/DYM® magnet structure
Freq. Response, Close:	20 Hz - 10,000 Hz
Polar Pattern:	Cardioid
Sensitivity, Open Circuit Voltage @ 1 kHz:	1.0 mV/pascal
Dynamic Range:	144 dB
Polarity:	Positive pressure on diaphragm causes positive voltage on pin2 ref. pin3
Impedance:	150 ohms balanced (low-z)
Microphone Connector:	3-pin, XLR-type
Finish:	Non-reflecting black
Materials:	Memraflex™ grille screen Steel Case
Accessories Included:	320 Stand Adapter Soft Zippered "Gig" Bag
Dimensions, Length:	5.22" (132.6 mm)
Diameter:	2.36" (60 mm)
Shank:	1.0" (25.4 mm)
Net Weight:	10.4 oz (295 g)
Shipping Weight:	26.5 oz (750 g)

N/D468

N/DYM® Dynamic Supercardioid Instrumental Microphone



Key Features:

- Designed specifically for musical instruments
- Flexible mechanical design for optimum positioning
- Supercardioid pattern for exceptional acoustic isolation and feedback rejection
- Accurate response, even in high sound pressure levels (SPL)
- Rugged steel construction for exceptional durability



General Description:

Designed specifically for horns, drums, acoustical and electric guitars, the N/D468 provides a smooth, natural sound, capturing the excitement of the instrument. The supercardioid pattern provides superior rejection and acoustic isolation in any application. An innovative EV design harnesses the increased power of a neodymium based magnet design, allowing a large-diameter voice coil (up to 50% larger than other mics) for dynamic, efficient microphone performance. N/DYM® offers the power and clarity to "cut through the mix." Whatever your instrument application the N/D468 is sure to be a top performer.

Operation

The low frequency response of the N/D468 microphone varies with the distance from the sound source. Known as "proximity effect," maximum bass response is produced in "close-up" use with the microphone 1/4 inch from the sound source. Normal bass response is experienced with working distances greater than 24 inches. Working close to the microphone will produce a more robust sound. Close up positioning of the microphone will also reduce the potential for feedback from the sound reinforcement system. When close-miced, the bass-boost provides an increase in overall microphone output level. The mixer gain may be proportionately reduced, resulting in a reduction of the system's sensitivity to feedback caused by sound entering the microphone from the loudspeakers.

Technical Specifications:

Element:	Dynamic N/DYM® magnet structure
Freq. Response, Close:	30 Hz - 22,000 Hz
Freq. Response, Far:	60 Hz - 22,000 Hz
Polar Pattern:	Supercardioid
Sensitivity, Open Circuit Voltage @ 1 kHz:	3.1 mV/pascal
Dynamic Range:	144 dB
Equivalent Output Noise:	14 dB A weighted (0 dB = 0.00002 pascal)
Polarity:	Positive pressure on diaphragm causes positive voltage on pin 2 ref. pin 3
Impedance:	350 ohms balanced (low-z)
Microphone Connector:	3-pin, XLR-type
Finish:	Non-reflecting black
Materials:	Memraflex™ grille screen
Accessories Included:	311 Stand Adapter Soft Zippered "Gig" Bag
Dimensions, Length:	4.5" (115 mm)
Diameter:	2.05" (52 mm)
Shank:	0.80" (20 mm)
Net Weight:	6.7oz (190 g)
Shipping Weight:	16 oz (453 g)

EV Electro-Voice®



SPECIFICATIONS									
	LX1600			LX2200			LX3000		
Load Impedance	2 ohms	4 ohms	8 ohms	2 ohms	4 ohms	8 ohms	2 ohms	4 ohms	8 ohms
Maximum Midband Output Power THD = 1%, 1kHz, Dual Channel	1300 W	800 W	500 W	1600 W	1100 W	600 W	2100 W	1500 W	900 W
Rated Output Power THD < 0.1%, 20Hz ... 20kHz	---	700 W	350 W	---	900 W	450 W	---	1200 W	600 W
Max. Single Channel Output Power Dynamic-Headroom, IHF-A	2200 W	1200W	625 W	2600 W	1400 W	720 W	2900 W	1800 W	1000 W
Max. Single Channel Output Power Continuous, 1kHz	1700 W	1000 W	550 W	2100 W	1300 W	660 W	2600 W	1700 W	950 W
Max. Bridged Output Power THD = 1%, 1kHz	---	2600 W	1600 W	---	3200 W	2200 W	---	4200 W	3000 W
Maximum RMS Voltage Swing THD = 1%, 1kHz	72 V			78 V			95 V		
Power Bandwidth THD = 1%, ref. 1kHz, half power @ 4Ω	10 Hz ... 60 kHz								
Voltage Gain ref. 1kHz	32.0 dB								
Input Sensitivity at rated output power	+4.7 dBu (1.33 V rms)			+5.8 dBu (1.55 V rms)			+7.0 dBu (1.74 V rms)		
THD at rated output power, MBW = 80kHz, 1kHz	< 0.05%								
IMD-SMPTE 60Hz, 7kHz	< 0.02%								
DIM30 3.15kHz, 15kHz	< 0.05%								
Maximum Input Level	+22dBu (9.76 Vrms)								
Crosstalk ref. 1kHz, at rated output power	< - 80dB								
Frequency Response -1dB, ref. 1kHz	15Hz ... 40kHz								
Input Impedance active balanced	20 kohms								
Damping Factor 1kHz	> 300								
Slew Rate	30 V/μs			35 V/μs			38 V/μs		
Signal to Noise Ratio, Amplifier A-weighted	107 dB			107 dB			108 dB		
Output Stage Topology	Class H								
Power Requirements	240V, 230V, 220V, 120V or 100V; 50Hz ... 60 Hz (factory configured)								
Power Consumption 1/8 maximum output power @ 4Ω	625 W			850 W			1070 W		
Protection	Audio limiters, High temperature, DC, HF, Back-EMF, Peak current limiters, Inrush current limiters, Turn-on delay								
Cooling	Front-to rear, 3-stage-fans								
Ambient Temperature Limits	+5°C ... +40°C (40°F ... 105°F)								
Safety Class	I								
Dimensions (W x H x D), mm	483 x 88,1 x 384								
Weight	7.80 kg (17.2 lbs)			8.15 kg (18.0 lbs)			8.70 kg (19.2 lbs)		
Optional: Rear-rackmount 15,5" Rear-rackmount 18" 2-Way Crossover, internal filter-card, 24dB, LR	112930 (RMS15-CL) 112933 (RMS18-CL) 330Hz (NRS 90249), 500Hz 90250), 800Hz (NRS 90251), 1200Hz (NRS 90252)								

Notes:

- Depending on the ambient temperature, the unit might not operate continuously at 2Ω load.
- Due to mains voltage in Japan (100V/50Hz) the values for the maximum output power can be decreased up to 15% (only 100V version)!

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Technische Informationen Architects and engineers specifications



LX1600

LX2200

LX3000

SWITCHMODE PRECISION

- **Extrem leicht und kompakt**
- **High-Efficiency Class-H Design**
- **30% Dynamic Headroom**
- **Absolute 2 Ohm Festigkeit**
- **Komplettes Schutzschaltungs-Paket**
- **Dynamik Audio Limiter**
- **Präzise Raster-Potis auf der Front**
- **Constant-Gain mit 32dB**
- **Made in Germany**

BESCHREIBUNG

DYNACORD zählt seit Jahrzehnten zu den führenden Herstellern im Pro-Audio-Bereich und hat sich im Verstärkersegment mit der Linear-Precision Serie durch exzellente Audio-Performance, absolute Zuverlässigkeit und hohe Wertstabilität etabliert. In vielen Bereichen professioneller Beschallung in Theatern, Stadien, Diskotheken, Clubs und Bühnen dienen Verstärker aus der Linear-Precision Serie mit ihrer überragenden Betriebssicherheit über viele Jahre hinweg als zuverlässiger Standard Antrieb unterschiedlichster Fullrange- oder Mehrweg Lautsprecher Systeme.

SWITCHMODE TECHNOLOGY

Mit der LX-Serie führt DYNACORD eine neue Klasse professioneller High-End Verstärker ein: Die SWITCHMODE PRECISION Serie. Die Verbindung von analogem Endstufen Design in Class-H Technologie mit Schaltnetzteilen neuester Generation ermöglicht professionelle Endstufen der Leistungsklasse bis zu **2 x 2100 Watt an 2 Ohm** mit erlesenen Audio- Eigenschaften bei einem Gewicht von lediglich **8.7 kg** herzustellen. Problemlos können an diesen Endstufen auch komplexe Lasten bis hinab zu 2 Ohm absolut stabil betrieben werden. Racks mit mehreren LX Endstufen für den aktiven Mehrwegbetrieb werden durch ein Endstufengewicht von 7.8 kg - 8.7kg einfach hantierbar.

Die Zeiten schwergewichtiger Amp-Racks gehören somit endgültig der Vergangenheit an.

CLASS - H TECHNOLOGY

Bei dieser Technologie stehen den Endstufenblöcken intern permanent zwei unterschiedliche Betriebsspannungen zur Verfügung. Für den Großteil des Programmmaterials reicht die niedrigere Betriebsspannung zur einwandfreien Übertragung des Signals vollkommen aus. Nur bei Dynamik-Spitzen wird intern frühzeitig und extrem schnell auf die höhere Versorgungsspannung "hochgeschaltet". Der große Vorteil dieser Technik besteht darin, dass über lange Zeiträume die Endstufenblöcke an der niedrigen Betriebsspannung arbeiten und somit im Vergleich zu konventionellen Class-AB Endstufen deutlich weniger Verlustleistung erzeugen, was gleichzeitig wesentlich weniger Abwärme bedeutet. Ein konventionelles Endstufen-Design hat nahezu die doppelte Leistungsaufnahme und damit auch die doppelte Wärmeentwicklung wie Dynacord's CLASS-H Design. Die LX Endstufen arbeiten viel „cooler“ auch unter extremen Bedingungen.

DYNAMIC LIMITERS

Dynamische Limiter sind Standard bei allen DYNACORD Endstufen. Hierbei überwachen schnelle Audioprozessoren (APC = Audio Processor Control) ständig das Eingangssignal gegenüber dem Ausgangssignal. Im Falle von Nicht-linearitäten senden die Prozessoren Steuersignale an die Limiter die dynamisch die Eingangsverstärkung des Amps regeln. Die THD wird dabei auf maximal 1% begrenzt bis hin zu Eingangsepegeln von 22 dBu.

- **Extremely light and compact**
- **High-Efficiency Class-H Design**
- **30% Dynamic Headroom**
- **Highest reliability at 2 ohms**
- **Comprehensive set of protective circuits**
- **Dynamic audio limiter**
- **Precise raster pots on the front panel**
- **Constant-Gain with 32dB**
- **Made in Germany**

DESCRIPTION

For decades, DYNACORD has been one of the leading manufacturers in the pro audio sector and has established a secure position in the amplifier market thanks to the excellent audio performance, absolute reliability and high stability of the Linear Precision series. With their outstanding operational security, which guarantees years of problem-free use, the amplifiers of the Linear Precision series are now the standard for a wide variety of full-range and multi-way loudspeakers systems in professional venues as diverse as theatres, stadiums, discotheques, clubs and concert halls.

SWITCHMODE TECHNOLOGY

With the LX Serie, DYNACORD is introducing a new class of professional high-end amplifiers: The SWITCHMODE PRECISION Serie. The combination of an analogue class-H design with a state-of-the-art switching power supply has made possible the creation of a professional power amplifier, delivering **2 x 2100 watts** into **2 ohms** and excellent audio specifications, that weighs only **8.7 kg**. Even complex loads as low as 2 ohms can be driven with absolute reliability. Thanks to its weight of only 7.8kg - 8.15 kg, racks containing several LX amps units for active multi-way use are easy to transport. Gone for ever are the days of cumbersome amp racks.

CLASS - H TECHNOLOGY

With this technology, two different power supply rails are permanently available internally to the power amplifier blocks. For most of the program material, the lower is able to reproduce the signal flawlessly. However when there are dynamic peaks, the amplifier switches internally and at high speed to the higher supply voltage. The great advantage of this technology lies in the fact that for much of the time, the power amplifier blocks are working with the lower supply voltage and the power dissipation is therefore considerably less than with conventional class AB power amplifiers. This also means considerably less waste heat. A conventional power amplifier design consumes almost twice as much current and generates twice as much heat as Dynacord's CLASS H design. The compact power amplifiers of the Precision series therefore remain far cooler under extreme conditions.

DYNAMIC LIMITERS

Dynamic limiters are a standard feature of all DYNACORD power amplifiers. High-speed audio processors are continuously comparing the input signal to the output signal — this is called Audio Processor Control (APC)— and in the event of any non-linearity, the processors send control signals to the limiters, which operate dynamically upon the input level. As a result, total harmonic distortion is kept to max. 1% at all input levels below 22 dBu.

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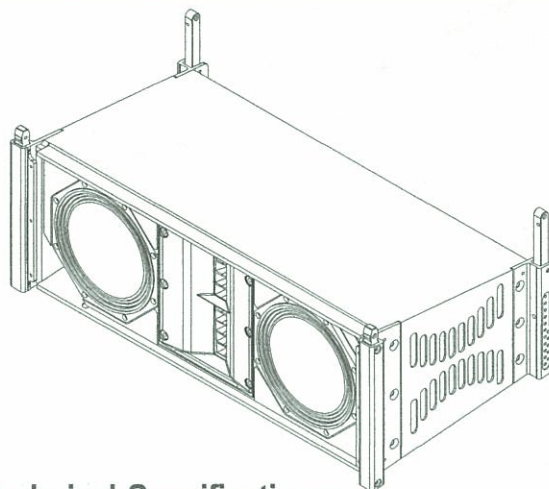


XLD281
3-Way, High-Output, Very Compact Line-Array Element



Key Features:

- **Very Compact, Lightweight**
- **CCT™ (Coverage Control Technology)**
- **Simple, Quick Integrated Rigging**
- **120° Horizontal Coverage to 200 Hz**
- **Versatile Subwoofer Integration**
- **Bi-Amp or Tri-Amp Operation**
- **Neodymium Transducers**
- **LAPS Aiming and Flying Software**



General Description:

The XLD281 is a 3-way design using CCT (Coverage Control Technology) to control horizontal coverage to 200 Hz. It uses an 8" neodymium LF transducer, an 8" neodymium LF/MB transducer, and two neodymium 2" voice coil compression drivers combining through 2 hydra plane wave generators into a 120° x 10° waveguide. CCT uses both 8" transducers to provide maximum low frequency output and operating bandwidth while controlling horizontal beam width to 200 Hz by using DSP. The XLD281 can be used in tri-amp mode, or in bi-amp using a sophisticated internal passive network. Designed for use in arrays of four or more elements, the XLD281 delivers full bandwidth audio with precise, predictable coverage control. Integrated rigging with hinge points located correctly between array elements is simple to use and quickly provides uncompromised line array performance. Groundstacking is easily done by using EV's XGS-4 Groundstack Kit for XLVC.

The XLVC family consists of two full-range systems with dual woofers, two full-range systems with single woofers and a subwoofer system. The dual-woofer versions include the XLD281 with a 120° horizontal coverage pattern and the XLD291 with a 90° horizontal coverage pattern. The single-woofer versions include the XLE181 with a 120° horizontal coverage pattern and the XLE191 with a 90° horizontal coverage pattern. The subwoofer module is the XS212. Most applications using flown very compact elements require subwoofers integrated into the same array as the full range systems. XLVC provides three methods to conveniently do this. The XS212 sub woofer module can be directly arrayed above, or below XLD281 full range systems. Where vertical space is limited sub woofer arrays can be created and flown behind the XLD281 full range array using an additional grid and EV's CBEAM (Coupler Beam). LAPS modeling software quickly provides array configurations and rigging information. Using the AGCD Adapter Grid, XLD cabinets can also be flown or groundstacked with the XLC215 dual 15-inch subwoofer.

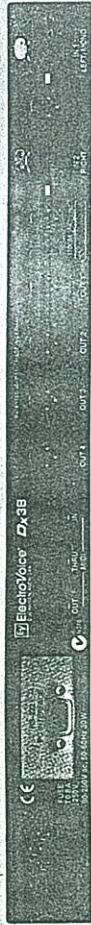
XLVC delivers unprecedented performance in applications ranging from live reinforcement to performing arts venues, to houses of worship.

Technical Specifications:

Freq. Response ¹ (-3 dB):	75 Hz-18 kHz
Freq. Range ¹ (-10 dB):	60 Hz-20 kHz
Max Calculated SPL ² :	143 dB Cont., 149 dB Pk
Horizontal Coverage:	120°
Vertical Coverage:	Array Dependant, Software Definable
Rigging:	Fully Captive Aluminum, 1° increments, 16 elements with 8 to 1 Safety Factor
LF1 Power Handling:	200W Cont., 800W Peak
LF2 Power Handling:	200W Cont., 800W Peak
HF Power Handling:	80W Cont., 320W Peak
Biamp LF1/HF Power Handling:	200W Cont., 800W Peak LF2 - 200W Cont., 800W Peak
Bandpass Freq ³ :	50 - 250 Hz
LF1 to HF Crossover Freq ³ :	1760 Hz
LF1 Passband:	1 x 8" DVN2080, 16 ohms
Recommended Amplifier:	EV CP3000S
LF2 Passband:	1 x 8" DVN2080, 16 ohms,
Recommended Amplifier:	EV CP3000S
HF Passband:	2 x ND2S-8, 16 ohms
Recommended Amplifier:	EV CP3000S
Biamp LF1/HF Passband:	16 ohms,
Recommended Amplifier:	EV CP3000S
Connectors:	2 x NL8
Enclosure Material:	Birch plywood w/EVCoat™
Grille:	Zinc plated steel with powdercoat paint
Environmental Spec:	IEC 529 IP24, MIL 810
Dim (HxWxD):	9.90" x 28.58" x 14.52" (251 x 726 x 369 mm)
Net Weight:	48 lbs (21.8 kg)
Shipping Weight:	51 lbs (23.1 kg)

¹ Full Space Measurement of 4 Elements.
² Full Space Measurement of HF Section of 4 Elements. SPL Adjusted for 1m Distance.
³ Use EV or KT Signal Processing or Download Presets from Electro-Voice Website.





specifications

- ac voltage 90-250 V ac/50-60 Hz
- power consumption 30 W maximum
- safety class VDE/IEC Class I
- inputs
 - 2 x XLR in, electronically balanced, transformers optional
 - 2 x XLR out (parallel direct out)
- nominal input voltage 1.23 V (+4 dBu)
- max. input voltage 8.7 V (+21 dBu)
- input impedance 20,000 ohms
- common-mode rejection >40 dB (1 kHz)
- input-transformer insertion loss <1.5 dB
- A/D conversion 24-bit, 64-times oversampled, linear phase
- outputs
 - 4 x XLR out, electronically balanced
- nominal output voltage 1.23 V (+4 dBu)
- max. output voltage 8.7 V (+21 dBu)
- output impedance <100 ohms
- min. load impedance 600 ohms
- D/A conversion 24-bit, 128-times oversampled
- frequency response 20 Hz – 20 kHz (± 0.3 dB)
- S/N ratio >115 dB (typical)
- THD without transformer <0.01% (1 kHz)
- THD with transformer <0.05% (1 kHz)
- cross-over independently adjustable high- and low-pass filters with Butterworth, Bessel, Linkwitz-Riley characteristics and 6-, 12-, 18-, and 24-dB-per-octave slopes

EQ filters

- parametric high and low shelving with 6- and 12-dB-per-octave slopes
- high and low pass with 6- and 12-dB-per-octave slopes and variable Q (12-dB slope only)
- all pass (outputs only)

compressors

- one on each output, with adjustable threshold, compression ratio, and attack/release times
- limiters one on each output, with adjustable threshold and release time
- MIDI in/out/thru data dump, master/slave operation
- delay 3 master delays (2-900 ms)
- 4 channel delays (0-900 ms)
- delay increment 21 µsec

data format

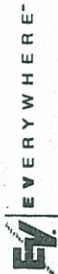
- sample 24-bit linear A/D-D/A conversion, 48-bit processing
- display 48 kHz
- dimensions 120 x 32 dots, graphic LC display with LED backlight
- weight 43.6 mm (1.72 in.) x 483 mm (19.0 in.) x 375 mm (14.8 in.) hwd

protection function

- clear plastic cover
- accessories supplied NFRS 90243 RS-232 interface (installed)
- NFRS 90247 RS-485 interface
- NFRS 90246 contact-closure interface
- NFRS 90244 input transformer

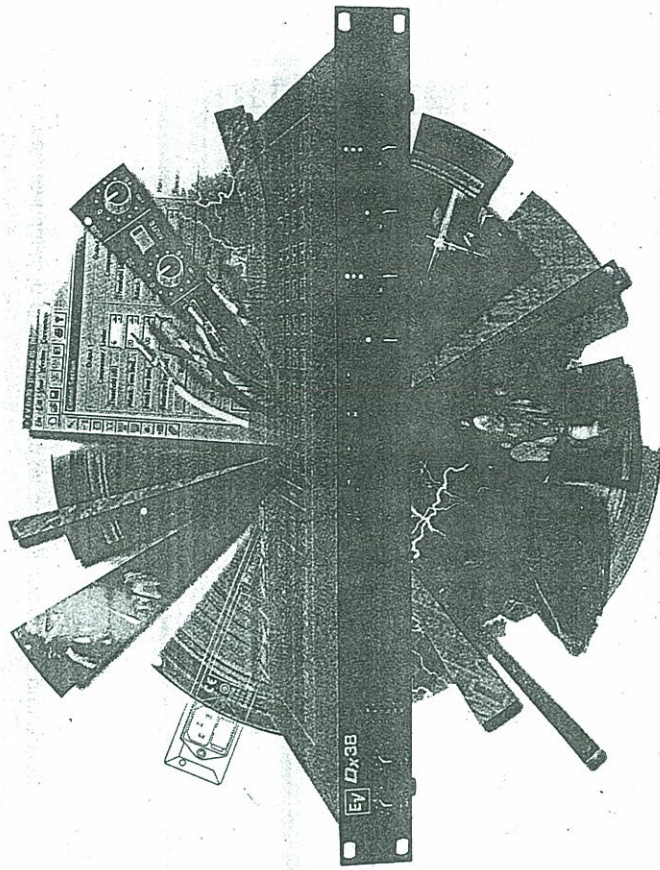
For warranty repair or service information, contact the service repair department at 616/695-6831 or 800/695-2606. For technical assistance, contact Technical Support at 800/234-6831 or 616/695-6831, M-F, 8 a.m. to 5 p.m., ET. Please refer to the Engineering Data Sheet for warranty information. Specifications subject to change without notice.

- USA 12000 Portland Ave. South, Burnsville, MN 55337, Phone: 952/894-4051, FAX: 952/897-9212
- Canada 705 Progress Avenue, Unit 46, Scarborough, Ontario, Canada, M1H2X1, Phone: 416-431-4876, 900-881-1866, FAX: 416-431-4598
- Switzerland Haldenstrasse 11, CH-2503 Pösch, Switzerland, Phone: +41 025 331-6533, FAX: +41 025 331-1221
- Germany Haldenstrasse 11, CH-2503 Pösch, Switzerland, Phone: +49 10 70 800, Fax: +49 10 70 801, 85
- Australia Unit 24, Block C, Shough Business Estate, Silverwater N.S.W. 2128, Australia, Phone: 6152-9648-5455, FAX: 6152-9648-5456
- Hong Kong Unit E & F, 2/F, Luk Hop Industrial Bldg., Luk Hop St., San Po Kong, Kowloon, Hong Kong, Phone: 852-251-9206, FAX: 852-251-3329
- Japan 2-5-65 Inzai, Sagami-ku, Tokyo 183, Phone: 81-5-3352-7000, FAX: 81-5-3352-7189
- Spain 25010 Torrelavega, Avda. de la Industria 10A, Torrelavega 48070, Phone: 65-746-8700, FAX: 65-746-1206
- Mexico Av. Parque Chapultepec #65-201 Neotizacion Edo. Mex. 53300, Phone: (52) 5358-5454, FAX: (52) 5358-5568
- Other Communications, Inc. 2000 Part Number 53583



Dx38

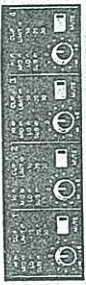
Digital Sound System Controller



english



EVERYWHERE



versal operation
 2-in/4-out configuration makes
 the DX38 the ideal controller in
 any 2-, 3-, and 4-way loudspea-
 ker application. Each output may be assigned to any input or sum
 of the inputs. The Dx38 addresses many different sound-system
 configurations, and is factory programmed for a number of
 Electro-Voice speaker systems, including X-Array™ Xi-Series™ and
 X-Series™ FRX series, MH stadium horn systems, and selected
 models in the T, Sx, and Sb lines. In addition to these 50 factory
 presets, it is possible to store 50 user-defined system configura-
 tions. In theaters, houses of worship, concert halls, or mobile or
 permanent installations, the Dx38 provides optimum solu-
 tions.

Extensive signal processing

Each input has five EQ filters available, any of which may
 be configured with parametric, low- and high-pass or low-
 and high-shelving characteristics, plus a master signal
 delay variable from 2 to 900 ms with 21- μ sec precision. For
 the typical factory preset, the Dx38 has enough process-
 ing power to keep the input filters free to act as a five-
 band parametric equalizer for overall system tuning.
 Each output contains adjustable level, polarity, and sig-
 nal delay of 0 to 900 ms, plus four EQ filter bands. These
 bands can have the typical parametric, high- and low-
 pass and high- and low-shelving characteristics as well
 as all-pass characteristics. The all-pass filters permit the
 operation of certain Electro-Voice X-Array™ Xi-Series™
 speaker systems in their "dipole" and "tripole"
 modes, which increases intelligibility and clarity in
 reverberant spaces by extending vertical low-frequency
 directivity control to as low as 125 Hz.

Each output has a crossover block with independ-
 ently adjustable high- and low-pass filters with Bessel,
 Butterworth, and Linkwitz-Riley characteristics; variable
 Q and 6, 12, 18, and 24-dB-per-octave slopes. Each out-
 put also contains a compressor with adjustable threshold,
 compression ratio, and attack/release times, and a lim-
 iter with adjustable threshold and
 release time. This highly flexible com-
 pression and limiting provides reli-
 able protection against loudspeaker
 overload damage.

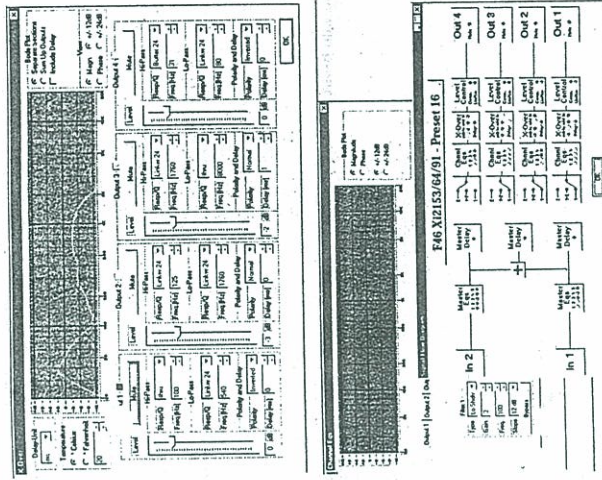
Secure operations

Comprehensive controls and a large-scale graphic display
 ensure convenient editing and control of all parameters from
 the Dx38 front panel. Status LEDs in each output indicate the
 user-selected configuration of the corresponding output (sub,
 low, mid, high or full range). Back-lit muting switches, conven-
 ient analog input and output level controls, and a five-segment
 LED chain facilitate "hardware based" control of the Dx38.
 A locking function prevents unauthorized access.

Flexible control

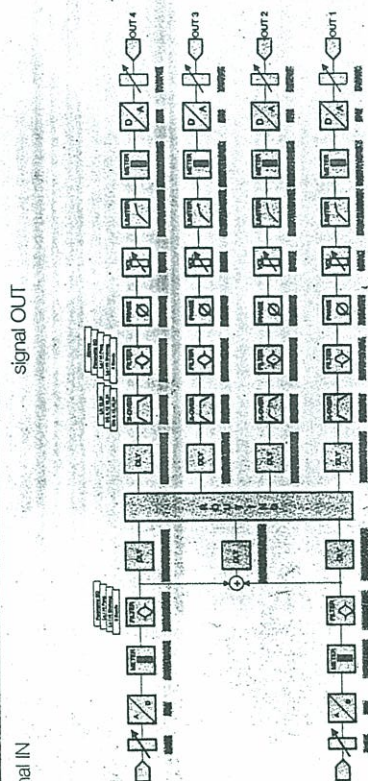
PC control is also possible via MIDI or the supplied RS-232 interface.
 An RS-485 port is optional. These interfaces also allow firmware/soft-
 ware upgrades and the addition of new loudspeaker system param-
 eters. A contact-closure interface is available to select among various
 Dx38 configurations.

Windows user interface for the EV Dx38

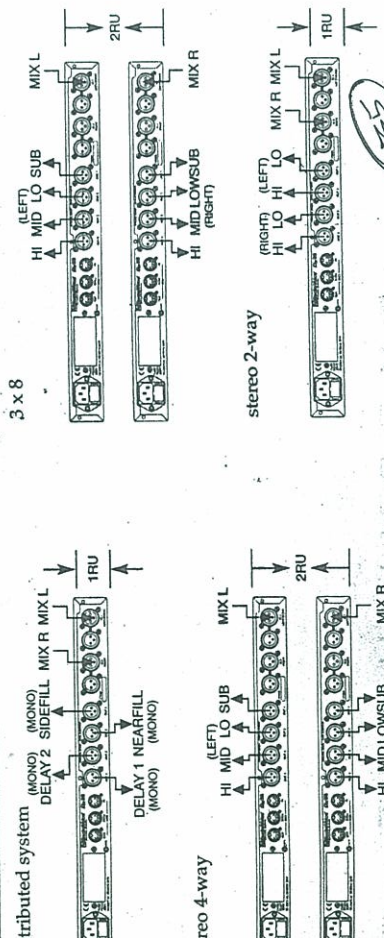


DX38 THE NEW STANDARD IN DIGITAL SOUND PROCESSING
 Providing 48-bit filter algorithms, 24-bit A/D and D/A conversion, and a dynamic range of over
 105 dB, the Dx38 sets new standards in digital loudspeaker control and sound processing.

Signal path diagram



Application examples



36



Key Features:

- Line-array enhanced coverage control
- Organic, unobtrusive shape
- Strong-Arm-Mount™ for easy, flexible aiming
- Full-bandwidth overload protection
- Weather resistant - Conforms to Mil Spec 810 and IEC 529 IP 34
- Dual LF transducers for extended bass and greater power handling and output
- Ti direct-radiator HF transducer, Neodymium structure
- High sensitivity
- Magnetically shielded
- Zinc-plated grilles
- Transformer Versions

General Description:

The EVID 4.2 is a very compact full range loudspeaker ideal for indoor and outdoor applications requiring high-quality sound. It's shape and size make it nearly invisible for use in background/foreground music systems for restaurants, bars, patios, retail, and other applications

The 4.2's three-dimensional elliptical baffle symmetrically locates the 1" Ti high frequency element with a Coherent Coverage Waveguide in front of, and between the 4" low frequency drivers. This careful shaping, location, and 10° splaying of the lf units provides coverage control by the resulting line array. Lobing is controlled by physically "shadowing" the lf transducers from each other over the bandwidth they would normally exhibit interference. EVID's mounting system provides greater range of aiming angles in both horizontal and vertical planes than other types. The curved grille features designed-in weather resistance and a hidden leash for safety.

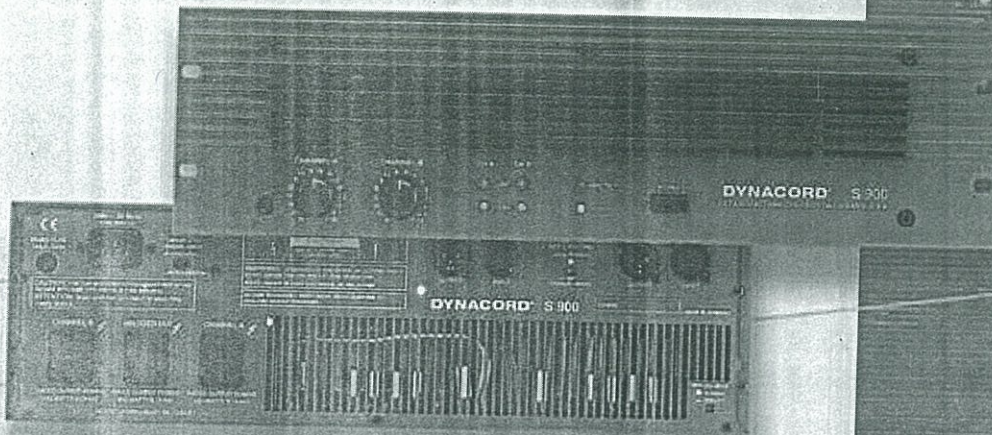
All models are available in black or white, and can easily be painted to match the décor. Transformer versions are also available for constant voltage systems.



Technical Specifications:

Frequency Response ¹ (-10 dB)	65Hz - 20kHz
Power Handling ²	200W Cont. Prog./400W Peak
Sensitivity ³	89 dB, 1W/1m
Impedance	8 ohms
Max SPL	113 dB
Horizontal Coverage ⁴	120°
Vertical Coverage ⁴	80°
Crossover Frequency	2.2 kHz
LF Transducer	2 x 4" (100 mm)
HF Transducer	1" (25 mm)
Protection	Full System
Weather Resistance	Meets Mil Spec 810 humidity, salt spray, temperature and UV, and IEC 529 IP 34 splashproof ratings
Swing x Rotation	100° x 90°
Terminals	Spring
Enclosure Material	ABS (paintable)
"t" Version Wattage Taps	70V: 3.75 W 70V/100V: 7.5W, 15W, 30W
Dim (H x W x D)	12.2" x 6.9" x 8.5" (234 mm x 127 mm x 165 mm)
Net Weight (each)	8.5 lbs (3.9 kg)
Shipping Weight (pair)	19 lbs (8.6 kg)
Included Accessories	SAM™, hex key
¹ Half Space (wall mounting) ² Continuous Program Rating: 3 dB greater than continuous pink noise rating (IEC-shaped pink noise with 6dB crest factor) ³ Avg: Half Space (wall mounting) ⁴ When mounted with long axis in vertical plane	





S 900 2 x 450 W

Specifications

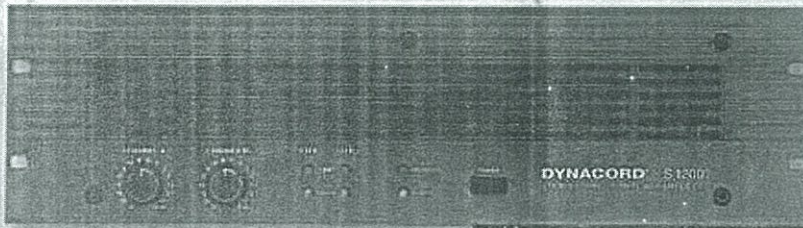
	S 900			S 1200		
Load Impedance	8Ω	4Ω	2Ω	8Ω	4Ω	2Ω
Maximum Midband Output Power,						
1 kHz, THD=1%	280W	450W	650W	380W	600W	850W
Rated Output Power,						
20 Hz ... 20 kHz, THD<0.2%	230W	350W	450W	300W	500W	650W
Max. Single Channel Output Power						
Dynamic-Headroom, IHF-A	340W	640W	720W	460W	880W	950W
Maximum Bridged Output Power						
1 kHz, THD=1%	900W	1300W	-	1200W	1700W	-
Maximum RMS Voltage Swing						
1 kHz, THD=1%	56 V			64 V		
Voltage Gain						
at 1 kHz	34 dB			35 dB		
Slew Rate	25 V/μs			30 V/μs		
Power Consumption						
at 1/8 maximum output power @ 4 Ω	690 W			870 W		
Input Sensitivity						
at rated output power @ 4 Ω, 1 kHz	0 dBu (775 mV)					
THD at rated output power						
MBW=80kHz, 1 kHz	< 0.05%					
IMD-SMPTE, 60 Hz, 7 kHz	< 0.08%					
DIM 30, 3.15 kHz, 15 kHz	< 0.03%					
Attenuation						
ref. 1kHz, at rated output power	> -80dB					
Frequency Response,						
-1dB, ref. 1kHz	13Hz ... 45kHz					
Power Bandwidth						
THD=1%, ref. 1kHz, half power @ 4Ω	10Hz ... 50kHz					
Input Impedances						
20Hz ... 20kHz, balanced	20 kΩ					
Damping Factor at 100 Hz/1kHz	>300/> 200					
Signal to Noise Ratio A-weighted	103dB					
Power Requirements	230V, 120V, 50Hz ... 60Hz					
Safety Class	I					
Protections	Audio limiters, High temperature, DC, HF, Back-EMF, Peak current limiters, Inrush current limiters, Turn-on delay, Front-to-Rear, 3-stage-fans					
Dimensions (WxHxD), mm	483 x 132.5 x 385.5					
Weight	15kg			16kg		

Amplifier at rated conditions, both channels driven with 8Ω loads, unless otherwise specified.

Standard Precision
POWER AMPLIFIERS

38

Standard Precision



S 1200 2 x 600 W

Designed as "working horses" and based on the Linear Precision Series amplifiers, the STANDARD PRECISION Series power amplifiers' efficiency and dependability meet the extreme standards of any on-the-road application, offering reliable protection against thermal and capacitive overload, short circuit, and the occurrence of HF and DC at their outputs.

In addition, special protective circuitry prevents the output-stage transistors from being damaged by Back-EMF. During power-on, delayed switching of the power amplifiers' power outputs is accomplished via relays. A limiter controls the initial current inrush (soft start), preventing the mains fuses from being blown during power-on operation.

Mechanical construction and manufacturing follow the industry's highest precision standards. The robust steel chassis is extremely rigid.

Guaranteeing thermal stability are two 3-Mode (off/slow/fast) silently running fans that allow using the amplifiers even in sound recording studio environments without any annoyance.

Extensive comparator circuitry constantly monitors the input and output signals and activates the internal limiters whenever a non-linear operational state is encountered. Thus ensuring reliable protection of the connected loudspeaker systems against overload and clipping.

The sound quality of STANDARD PRECISION SERIES power amplifiers is absolutely outstanding. Using comprehensive dimensioned power supply units with low interference toroidal transformers gains a headroom that exceeds the nominal power handling capacity by far. No V/I-Foldback-Limiter circuits are employed within the power amplifiers, making it possible to operate the amps on complex loads up to $\pm 90^\circ$ phase angles without a problem.

The db-calibrated level controls are located on the front panel. They are provided as detented potentiometers.

The easily readable LED display offers quick optical information on the power amplifiers' momentary operational mode.

The display shows for each channel independently, whether it is operational, a signal is present at the output, when the limiters are activated, and if one of the numerous protection circuits has been activated.

The input facilities are carried out as balanced XLR-F-type connectors while the Direct-Outs – on which the carried-through signals are present – come as XLR-M-type connectors. Using the Input Routing switches lets you determine if the STANDARD PRECISION SERIES amplifiers are operated in DUAL (stereo) or PARALLEL (mono-aural) mode while "mono-bridged" operation is possible as well. The power outputs CHANNEL A, CHANNEL B and BRIDGED OUT are provided as Speakon connectors.

Being located on the rear panel as well is a groundlift switch that separates the enclosure from the ground potential of the appliance and therefore helps to eliminate ground noise loops.

In normal operation all STANDARD PRECISION SERIES power amplifiers can be used to drive loads down to 2Ω ; in bridged mode the min. load is 4Ω . All amps are equipped with extremely silent running fans that provide proper front-to-rear air-flow, guaranteeing the trouble-free operation even in smaller power amplifier rack systems.



24.	Handheld system includes HTU2C-510 Transmitter featuring the RE510 Super cardioid condenser element. And RE2 Diversity Receiver. Type : EV RE 510 Make : Electrovoice	2 Nos	13648.08	27,296.16
25.	Hand held system includes HTU2D-767a Transmitter featuring the N/D 767a supercardioid dynamic element and RE2 Diversity Receiver all in a hard shell road case. Type : EV RE2 N7 Make : Electrovoice	4 Nos	36498.24	1,45,992.96
26.	Dual 1/3 octave analogue GEQ with hi/lo pass and notch filters. Type : KT DN 370	1 No.	142500/-	1,42,500.00
27.	Four channel / dual stereo compressor / limiter Type : KT DN 504	2 Nos	106914.90	2,13,829.80
28.	28 Mono-, 4 Stereo-Line-Inputs Mixing console Make : Midas Type : Venice 320	1 No.	268392.48	2,68,392.48
29.	LITTLITE GOOSENECK TYPE Type : 12V Desk Lamp	2 Nos	6957.42	13,914.84
30.	Powered (100-120V), 12-inch two-way, 350+150W, 65° x 65°, line-level in/out, stand mount, black polypropylene, incl.15ft (5m) power cord Type : EV Sxa 360 Make : Electrovoice	4 Nos	87915.66	3,51,662.64
31.	Dual 1/3 octave analogue GEQ with hi/lo pass and notch filters. Type : KT DN 370	1 No.	142500/-	1,42,500.00
32.	Dual 8-inch, two-way, low profile, passive, 100° x 100° full range loudspeaker, 200-watt, 93dB 1w@1m, with non-skid rubber feet, Speakon® connectors, black (no bracket) Type : EV Fri 28 lpm Make : Electrovoice.	4 Nos	43481.88	1,73,927.52
33.	2 x 450 watts @ 4 ohms, High-Efficiency Power amplifier for passive wedges Type : S 900 Make : Dynacord	1 No.	44538.66	44,538.66
				58,06,505.64
	ADD : VAT @ 12.5%			7,25,813.20
	Rupees Sixty five Lakhs thirty two thousand three hundred and eighteen / paise eighty four only			65,32,318.84

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(90)

13.	X-Line very compact Bass Cabinet 2 x DVX3120, 1000 Watts black. Type : EVXS212	2 Nos	166943.88	3,33,887.76
14.	N/DYM Dynamic Supercardioid Instrument Microphone. Type : DV ND 468. Make : Electrovoice	3 Nos	13710.78	41,132.34
15.	N/DYM Dynamic cardioid variant bass drum Microphone. Type : EV ND 868 Make : Electrovoice	2 Nos	16420.56	32,841.12
16.	Premium Lapel Microphone, Cardioid. Type : EV RE 92L Make : Electrovoice	3 Nos	15022.92	45,068.76
17.	Bodypack system includes, BPU-2 Transmitter, and a RE-2 Receiver, no microphone in a hard shell road case. Type : EV RE2 BP Make : Electrovoice	4 Nos	32796.66	1,31,186.64
18.	Roadworthy Active direct Injection Box Type : KT DN 100	3 Nos	14303.58	42,910.74
19.	Probe – style true condenser cardioid instrument Microphone. Type : EV RE 200 Make : Electrovoice	2 Nos	22006.56	44,013.12
20.	Multi pattern Gooseneck Microphone with mic switch and universal base, 18 Inch gooseneck. Type : EV PC 18" Make : Electrovoice	3 Nos	19889.58	59,668.74
21.	Mini Mic Omnidirectional Low profile Headworn Microphone in light beige color with TA4F Connector. Type : EV RE97 TX Make : Electrovoice	4 Nos	23804.34	95,217.36
22.	Boundary Condenser Microphone, Black. Type : EV RE 90 B Make : Electrovoice	3 Nos	13542.06	40,626.18
23.	N/DYM Dynamic Super cardioid Lead Vocal Microphone. Type : EV ND 767a Make : Electrovoice	3 Nos	8845.26	26,535.78







SASI Enterprises		NO: SE/Q/8175	DATE : 20-09-2007	
Offer for Supply of Sound Reinforcement System				
S.No	Item Description / Make & Type No.	Qty	Unit Rate	Total
1.	INTERCOM HANDSETS Type : PH1	5 Nos	19441.20	97,206.00
2.	TELEX Wired Intercom Belt packs. Type : BP319	5 Nos	32110.80	1,60,554.00
3.	INTERCOM SPLITTER Type : TW5W	1 No.	18567.60	18,567.60
4.	TELEX Wired Intercom power supply. Type : PS 15	1 No.	49149.60	49,149.60
5.	1 Spare Intercom Handset Type : PH1	1 No.	19441.20	19,441.20
6.	2 x 600 Watts @ 4 Ohms, High – efficiency Power Amplifier. Type : S 1200 Make :Dynacord	1 No.	47501.52	47,501.52
7.	150 Watts RMS, 100° X 90° in Horizontal underbalcony format, black FRONT Fills. Type : EVID 4.2 Make : Electrovoice	6 Nos	7669.92	46,019.52
8.	Grid for up to 16 XLD Cabinets or 8 x S212 Cabinets Aluminium black + accessories. Type : EV XLD Grid. Make : Electrovoice	2 Nos	51419.70	1,02,839.40
9.	2 in 4 Digital Loudspeaker processor with X-over, EQ, Delay, compressor / limiter, front panel display, PC Remote software [RACE] Type : EV DX 38 Make : Electrovoice	2 Nos	74903.70	1,49,807.40
10.	Very Compact line array cabinet, 2 x 8" DVN2080 2 X ND2, 120° X 10°, black. Type : EV XLD 281 Make : Electrovoice	10 Nos	211378.80	21,13,788.00
11.	2 x 1100 Watts @ 4 Ohms, High–efficiency, Class H SMPS for medium Speakers. Type : LX 2200 Make : Dynacord	2 Nos	120606.30	2,41,212.60
12.	2 x 1500 Watts @ 4 Ohms, High – efficiency, Class H SMPS for Bass cabinets. Type : LX 3000 Make : Dynacord	2 Nos	171387.60	3,42,775.20




(42)



Sasi Enterprises

"Nelson Plaza", New No. 90, (149), Nelson Manickam Road, Choolaimedu, Chennai - 600 094.
Telefax : 91-44-23746661, 23746761, 23743769, E-mail : dhayalvr@vsnl.com



AUTHORISED : BOSCH SYSTEM INTEGRATOR FOR COMMUNICATION & SECURITY SYSTEMS
DISTRIBUTOR FOR SHURE MICROPHONES & CIRCUITRY PRODUCTS

TO
The Director,
M/s. Kalakshetra College of Fine Arts,
Thiruvanmiyur,
Chennai : 600 004

NO: SE/Q/8175
Date : 20-09-2007

Dear Sir,

Sub: Offer for Supply of Sound Reinforcement System - Reg

We are in receipt of your enquiry by E-mail sent by M/s. Motor Industries Co. Ltd., and Forwarded by them to us. Here with we are pleased to submit our offer as details given in the enclosed annexure.

Hope our offer is in line as per your requirement. Should you need any clarification please feel free to contact us, we shall come and discuss with you further. We have supplied similar system to various State / Central Government Offices, PWD & CPWD Projects, Software Center, Auditoriums, Seminar halls etc. We look forward to receive your valued order earliest.

OUR TERMS AND CONDITIONS

Validity : Our offer is valid till 30 days from date of this Offer.
Prices : Prices quoted by us are taxes mentioned in annexure.
Delivery : 3 to 4 Weeks, after receipt of your firm order on us.
Payment : 50% Advance along with order, 50% Against supply of materials.
Guarantee : Twelve months from date of supply against manufacturing defects only

Thanking you and assuring you of our best services always.

Yours faithfully,
For SASI ENTERPRISES.,


R. BALARAMAN
PROPRIETOR

Chandran
27.9.07

43

Specialist in Products & Systems :

BOSCH • Public Address System • Industrial Communication System • Executive Conference System • Sound Reinforcement System
• Music Relay System • Announcement System • Portable Wireless Public Address • Fire Detection and Alarm System • Close Circuit Television System
SHURE • Microphones and Circuitry Products • Wireless Microphone Systems VHF/UHF • Automatic Field Mixers • Automatic Microphone System



R.G. Power Consortium

10/4, Parry Street Extn., Choolaimedu, Chennai - 600 094.
Tele : 2363 3450 (Near M.M.D. Colony Bus Terminal)

VP
27.9.07

TO,
Director,
Kalakshetra College Fine Arts,
Thiruvanniyur,
Chennai - 600 004.

(44)

	100° full range loudspeaker, 200-watt, 93dB 1w@1m, with non-skid rubber feet, Speakon® connectors, black (no bracket) Electrovoice. Model : EV Fri 28 lpm	4 Nos	47829/-	191316.00
33.	2 x 450 watts @ 4 ohms, High-Efficiency Power amplifier for passive wedges Dynacord Model : S 900	1 No.	48993/-	48993.00
				6291628.00
	ADD : VAT @ 12.5%			786454.00
	Rupees Seventy Lakhs seventy eight thousand eighty two only			7078082.00

Ei *2000*.

(45)

	case. Electrovoice - EV RE2 BP	4 Nos	35420/-	141680.00
18.	Roadworthy Active direct Injection Box Model : KT DN 100	3 Nos	15734/-	47202.00
19.	Probe – style true condenser cardioid instrument Microphone. Electrovoice - Model : EV RE 200	2 Nos	23878/-	47756.00
20.	Multi pattern Gooseneck Microphone with mic switch and universal base, 18 Inch gooseneck. Electrovoice - EV PC 18"	3 Nos	21580/-	64740.00
21.	Mini Mic Omnidirectional Low profile Headworn Microphone in light beige color with TA4P Connector. Electrovoice - EV RE97 TX	4 Nos	25708/-	102832.00
22.	Boundary Condenser Microphone, Black. Model : Electrovoice - EV RE 90 B	3 Nos	14896/-	44688.00
23.	N/DYM Dynamic Super cardioid Lead Vocal Microphone. Model : Electrovoice EV ND 767a	3 Nos	9730/-	29190.00
24.	Handheld system includes HTU2C-510 Transmitter featuring the RE510 Super cardioid condenser element. And RE2 Diversity Receiver. Type : EV RE 510 Make : Electrovoice	2 Nos	15013/-	30026.00
25.	Hand held system includes HTU2D-767a Transmitter featuring the N/D 767a supercardioid duynamic element and RE2 Diversity Receiver all in a hard shell road case. Electrovoice Model : EV RE2 N7	4 Nos	39600/-	158400.00
26.	Dual 1/3 octave analogue GEQ with hi/lo pass and notch filters. Model : KT DN 370	1 No.	153900/-	153900.00
27.	Four channel / dual stereo compressor / limiter Model : KT DN 504	2 Nos	115467/-	230934.00
28.	28 Mono-, 4 Stereo-Line-Inputs Mixing console Midas Model : Venice 320	1 No.	289863/-	289863.00
29.	Littlite Gooseneck Type Model : 12V Desk Lamp	2 Nos	7653/-	15306.00
30.	Powered (100-120V), 12-inch two-way, 350+150W, 65° x 65°, line-level in/out, stand mount, black polypropylene, incl. 15ft (5m) power cord Model : Electrovoice EV Sxa 360	4 Nos	94949/-	379796.00
31.	Dual 1/3 octave analogue GEQ with hi/lo pass and notch filters. Model : KT DN 370	1 No.	153900/-	153900.00
32.	Dual 8-inch, two-way, low profile, passive, 100° x			

E1 2nd.

46(a)

S.No	Items	Qty	Unit Rate	Total Amount
1.	Intercom Handsets Model : PH1	5 Nos	21191/-	105955.00
2.	Telex Wired Intercom Belt packs. Model : BP319	5 Nos	34679/-	173395.00
3.	Intercom Splitter Model : TW5W	1 No.	20332/-	20332.00
4.	Telex Wired Intercom power supply. Model : PS 15	1 No.	53082/-	53082.00
5.	1 Spare Intercom Handset Model : PH1	1 No.	21191/-	21191.00
6.	2 x 600 Watts @ 4 Ohms, High – efficiency Power Amplifier. Dynacord Model : S1200	1 No.	52251/-	52,251.00
7.	150 Watts RMS, 100° X 90° in Horizontal underbalcony format, black FRONT Fills. Electrovoice Model EVID 4.2	6 Nos	8469/-	50814.00
8.	Grid for up to 16 XLD Cabinets or 8 x S212 Cabinets Aluminium black + accessories. Electrovoice Model : EV XLD Grid.	2 Nos	55534/-	111068.00
9.	2 in 4 Digital Loudspeaker processor with X-over, EQ, Delay, compressor / limiter, front panel display, PC Remote software [RACE] Electrovoice Model : EV DX 38	2 Nos	81645/-	163290.00
10.	Very Compact line array cabinet, 2 x 8" DVN2080 2 X ND2, 120° X 10°, black. Electrovoice Model : EV XLD 281	10 Nos	228289/-	2282890.00
11.	2 x 1100 Watts @ 4 Ohms, High – efficiency, Class H SMPS for medium Speakers. Dynacord Model : LX 2200	2 Nos	130858/-	261716.00
12.	2 x 1500 Watts @ 4 Ohms, High – efficiency, Class H SMPS for Bass cabinets. Dynacord Model : LX 3000	2 Nos	185955/-	371910.00
13.	X-Line very compact Bass Cabinet 2 x DVX3120, 1000 Watts black. Model : EVXS212	2 Nos	181134/-	362268.00
14.	N/DYM Dynamic Supercardioid Instrument Microphone. Electrovoice Model : DV ND 468.	3 Nos	15081/-	45243.00
15.	N/DYM Dynamic cardioid variant bass drum Microphone. Electrovoice Model : EV ND 868	2 Nos	18063/-	36126.00
16.	Premium Lapel Microphone, Cardioid. Electrovoice Model : EV RE 92L	3 Nos	16525/-	49575.00
17.	Bodypack system includes, BPU-2 Transmitter, and a RE-2 Receiver, no microphone in a hard shell road			

E1 2mm -

Cxb



R.G. Power Consortium

Telefax : 2363 3450

✓ Electrical Engineers & Contractors ✓ Manufacturers of MCC, PCC, Busducts
✓ Pillar boxes and Raising Mains

10/4, Parry Street Exnt., Choolaimedu, Chennai - 600 094. (Near M.M.D.A. Colony Bus Terminal)

To
Director,
Kalakshetra College of Fine Arts,
Thiruvanniyur,
Chennai - 600 004

Date : 21-09-2007

Sir/Madam,

Sub : Quotation for Supply of Audio System Materials.

We are giving the Quotation for Audio System Materials, as per enclosed annexure.

We expect your order as early as possible.

Terms / Conditions ;

Guarantee ; One year from date of supply.

Delivery ; 8 to 10 weeks.

Prices ; Taxes extra as applicable.

Payment ; 75% Advance with order, 25% Payment immediate on delivery of equipments.

Thanking you,

Yours Truly,
FOR R.G. POWER CONSORTIUM.,

Fi qm.

*Hanson
27.9.07*

(47)



Pan Telecom (P) Ltd.
Plot No. 2110A, 13th Main Road,
Anna Nagar, Chennai - 600 040.
Telefax : +91-44-26212163, 26190585
Video : 044-26217358 / 64 / 18

TO

DIRECTOR

KARAKSHETRA COLLEGE OF FINE ARTS,
THIRUVANMIYUR,
CHENNAI

(85)

A
27.9.07

27.	Four channel / dual stereo compressor / limiter - KT DN 504	2 Nos	110656/-	2,21,312.00
28.	28 Mono-, 4 Stereo-Line-Inputs Mixing console Make : Midas - Venice 320	1 No.	277786/-	2,77,786.00
29.	Littlite Gooseneck type - 12V Desk Lamp	2 Nos	7305/-	14,610.00
30.	Powered (100-120V), 12-inch two-way, 350+150W, 65° x 65°, line-level in/out, stand mount, black polypropylene, incl.15ft (5m) power cord - EV Sxa 360 Make : Electrovoice	4 Nos	91872/-	3,67,488.00
31.	Dual 1/3 octave analogue GEQ with hi/lo pass and notch filters. - KT DN 370	1 No.	148200/-	1,48,200.00
32.	Dual 8-inch, two-way, low profile, passive, 100° x 100° full range loudspeaker, 200-watt, 93dB 1w@1m, with non-skid rubber feet, Speakon® connectors, black (no bracket) - EV Fri 28 lpm Make : Electrovoice.	4 Nos	45004/-	1,80,016.00
33.	2 x 450 watts @ 4 ohms, High-Efficiency Power amplifier for passive wedges - S 900 Make : Dynacord	1 No.	46765/-	46,765.00
				60,55,753.00
	ADD : VAT @ 12.5%			7,56,969.00
	Rupees Sixty eight Lakhs twelve thousand seven hundred and twenty two only			68,12,722.00

K. S.

PAN TELECOM (P) LTD.,

Plot No 2110A, 13th Main Road,
Anna Nagar West, Chennai-600 040

99

14.	<i>N/DYM Dynamic Supercardioid Instrument Microphone. - DV ND 468. Make : Electrovoice</i>	3 Nos	14396/-	43,188.00
15.	<i>N/DYM Dynamic cardioid variant bass drum Microphone. - EV ND 868 Make : Electrovoice</i>	2 Nos	17241/-	34,482.00
16.	<i>Premium Lapel Microphone, Cardioid. - EV RE 92L Make : Electrovoice</i>	3 Nos	15623/-	46,869.00
17.	<i>Bodypack system includes, BPU-2 Transmitter, and a RE-2 Receiver, no microphone in a hard shell road case. - EV RE2 BP Make : Electrovoice</i>	4 Nos	34437/-	1,37,748.00
18.	<i>Roadworthy Active direct Injection Box - KT DN 100</i>	3 Nos	14947/-	44,841.00
19.	<i>Probe – style true condenser cardioid instrument Microphone- EV RE 200 Make : Electrovoice</i>	2 Nos	23107/-	46,214.00
20.	<i>Multi pattern Gooseneck Microphone with mic switch and universal base, 18 Inch gooseneck. - EV PC 18" Make : Electrovoice</i>	3 Nos	20889/-	62,667.00
21.	<i>Mini Mic Omnidirectional Low profile Headworn Microphone in light beige color with TA4P Connector. - EV RE97 TX Make : Electrovoice</i>	4 Nos	24994/-	99,976.00
22.	<i>Boundary Condenser Microphone, Black. - EV RE 90 B Make : Electrovoice</i>	3 Nos	14219/-	42,657.00
23.	<i>N/DYM Dynamic Super cardioid Lead Vocal Microphone. - EV ND 767a Make : Electrovoice</i>	3 Nos	9287/-	27,861.00
24.	<i>Handheld system includes HTU2C-510 Transmitter featuring the RE510 Super cardioid condenser element. And RE2 Diversity Receiver. - EV RE 510 Make : Electrovoice</i>	2 Nos	14194/-	28,388.00
25.	<i>Hand held system includes HTU2D-767a Transmitter featuring the N/D 767a supercardioid dynamic element and RE2 Diversity Receiver all in a hard shall road case. - EV RE2 N7 Make : Electrovoice</i>	4 Nos	38140/-	1,52,560.00
26.	<i>Dual 1/3 octave analogue GEQ with hi/lo pass and notch filters. - KT DN 370</i>	1 No.	148200/-	1,48,200.00

S.No	Description	QTY	Unit price	Total
1.	Intercom Handsets - PHI	5 Nos	20219/-	1,01,095.00
2.	Telex Wired Intercom Belt packs. - BP319	5 Nos	33556/-	1,67,780.00
3.	Intercom Splitter - TW5W	1 No.	19495/-	19,495.00
4.	Telex Wired Intercom power supply. - PS 15	1 No.	51116/-	51,116.00
5.	1 Spare Intercom Handset - PHI	1 No.	20219/-	20,219.00
6.	2 x 600 Watts @ 4 Ohms, High - efficiency Power Amplifier. - S 1200 Make : Dynacord	1 No.	49402/-	49,402.00
7.	150 Watts RMS, 100° X 90° in Horizontal underbalcony format, black FRONT Fills. Type : EVID 4.2 Make : Electrovoice	6 Nos	8085/-	48,510.00
8.	Grid for up to 16 XLD Cabinets or 8 x S212 Cabinets Aluminium black + accessories. - EV XLD Grid. Make : Electrovoice	2 Nos	53991/-	1,07,982.00
9.	2 in 4 Digital Loudspeaker processor with X-over, EQ, Delay, compressor / limiter, front panel display, PC Remote software [RACE] - EV DX 38 Make : Electrovoice	2 Nos	77900/-	1,55,800.00
10.	Very Compact line array cabinet, 2 x 8" DVN2080 2 X ND2, 120° X 10°, black. - EV XLD 281 Make : Electrovoice	10 Nos	220891/-	22,08,910.00
11.	2 x 1100 Watts @ 4 Ohms, High - efficiency, Class H SMPS for medium Speakers. - LX 2200 Make : Dynacord	2 Nos	126636/-	2,53,272.00
12.	2 x 1500 Watts @ 4 Ohms, High - efficiency, Class H SMPS for Bass cabinets. - LX 3000 Make : Dynacord	2 Nos	177386/-	3,54,772.00
13.	X-Line very compact Bass Cabinet 2 x DVX3120, 1000 Watts black. - EVXS212	2 Nos	172786/-	3,45,572.00

J. Sg

(51)

PAN TELECOM (P) LTD.,
Plot No 2110A, 13th Main Road,
Anna Nagar West, Chennai-600 040



Pan Telecom (P) Ltd.

Plot No. 2110A, 13th Main Road,
Anna Nagar West, Chennai - 600 040.
Telefax : +91-44-26212163, 26190585
E-mail : bala@pan-network.com

AP 21/09/07
27.9.07

To
DIRECTOR,
Kalakshetra College of Fine Arts,
Thiruvanmiyur,
Chennai - 600 004

NO: PAN-KCF
Date : 21/09/2007

Dear sir,

Sub : Quotation for Supply of Audio Sound system Products.

We are given our Quotation for Supply of Audio Sound system Products, given in the annexure.

We are expecting your valued order.

Delivery ; 6 TO 8 WEEKS
Guarantee ; One year from date of supply.
Payment ; 50% Advance, 50% Payment delivery of materials
Prices ; Sales Tax are mentioned in annexure.

Thanking you,

Yours Sincerely
For PAN TELECOM [P] LTD.,

PAN TELECOM (P) LTD.,
Plot No 2110A, 13th Main Road,
Anna Nagar West, Chennai-600 040

Building business thru relationship

Head Office & Registered Office : DELHI
Branches : Bangalore, Hyderabad, Mumbai, Kolkata, Gurgaon & Jalandhar.



52



Sub: Renovation of Theatre – upgradation of sound system.

Bharata Kalakshetra – Koothambalam style theatre of Kalakshetra was constructed in 1986 by Smt.RukminiDevi. Due to financial constraint a very sensitive sound and light equipments for this theatre was not installed then. And no major upgradation in civil, electrical, lighting and sound systems were done since then. It is found that the artists are finding it difficult to get the required quality of output from these old and obsolete equipments.

We have requested M/s.sound wizard to advise us on upgradation of sound equipment. They have suggested some quality sound systems for Kalakshetra Auditorium suitable to its activities. They have also obtained market rates from three suppliers and the rates quoted by them are as follows;

- | | |
|----------------------------|-----------------|
| • M/s.Sasi enterprises | Rs.65, 32,319/- |
| • M/s.Pan Telecom pvt ltd | Rs.68, 12,722/- |
| • M/s.R.G.Power consortium | Rs.70, 78,082/- |

The above rates are inclusive of 12.5% VAT. This does not include consultant fee which has not been furnished.

The budget for the above work has been included in the RE for 2007-08. The quotations obtained from the above agencies are submitted for scrutiny and approval.

Q
12.10.07
CAO

Culal 13.10.07
DIRECTOR

Tender committee

53

S.R.K.MENON

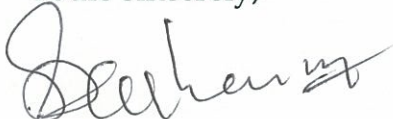
Page 2

Without carrying out the acoustic treatment, by changing or adding new modern equipments to your theatre, may not improve the present condition. The list of equipments suggested, are not necessary at this stage and also noted that the prices are on the higher side.

If you require any further assistance in this regard, please feel free to contact the undersigned.

Thanking you,

Yours sincerely,



S.R.K. MENON

*Seen. To discuss
with the S.R.K. Menon
further with the members
of the Com. mtrce
for
23/10*

59

S.R.K.MENON

October 18, 2007

Hon'ble Justice Thiru S. Mohan
Chairman - Kalakshetra
(Former Supreme Court Judge)
41, Venkatakrishna Iyer Road
R.A. Puram
Chennai - 600 028.

Sir,

Ref.: The Kalakshetra Theatre, Chennai.

The undersigned visited your theatre and would like to dot down the details as follows :

The existing theatre is an octagonal based, constructed basically on the lines of temple architecture of Kerala which are known as Koothambalam - meant for dance, musical performance and religious recitals. This is a unique edifice of Kerala architecture, distinct from the Natya sabha or Natya mandir seen in North Indian temples of that period (1300 - 1800 A.D.). Koothambalam is a large pillared hall with high roof. Inside the hall is a stage structure known as 'Rangamandapam' for the performances. The stage as well as the pillars are ornately decorated. Visual and acoustic consideration are incorporated in the layout of the pillars and construction details, so that the performances can be enjoyed by the spectators without discomfort and distortion. The Koothambalam design seems to have been based on the canons given in the Natya sastra of Bharathamuni.

In these Koothambalams, the performance were carried out without any artificial sound reinforcement or artificial lighting; and not even the artificial weather conditioning.

Since these Koothambalams were not designed to use the sound reinforcement etc., and if Kalakshetra is planning for incorporating the modern reinforcement systems, then they may have to treat or provide extra acoustic treatments without disturbing the traditional / ancient look, which can be definitely carried out with consulting an interior decorator.

Contd. Page 2

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KALAKSHETRA FOUNDATION

30
29.01.2008

Sub: Upgradation of sound system – direct import of
Equipment – availing the services of M.M.T.C.

For upgrading the sound system in our theatre we have engaged M/s.Sound Wizard, Pondicherry who identified EVI Audio systems after studying our requirements. Quotations were obtained (September 2007) from three agencies as suggested by M/S.Sound Wizard.

In order to explore the possibilities of direct import, it was felt that a professional agency like MMTC limited may be engaged for fulfilling all the formalities involved in the import as the value of import is around Rs.60 lakhs. C.A.O. has gone to MMTC on 28.01.2008 and met the General Manager, Sri P.Ramachandran and D.G.M. (Finance), K.S.Kannan. It was stated that they will be in a position to do the same once we identify the agency, the product and their rates. Regarding clearing and forwarding services they have agreed to help us and charge us on actual. Their service charges will be around 3 to 4%. In view of a parliamentary committee visit on 31st January 2008 they said they would be in a position to discuss the subject after 1st February 2008. Meanwhile we may obtain latest quote from EVI Audio Systems so as to have a discussion with MMTC on this subject.

For information please.

Q
30.1.08
C.A.O.

Director
30.1.08

(56)