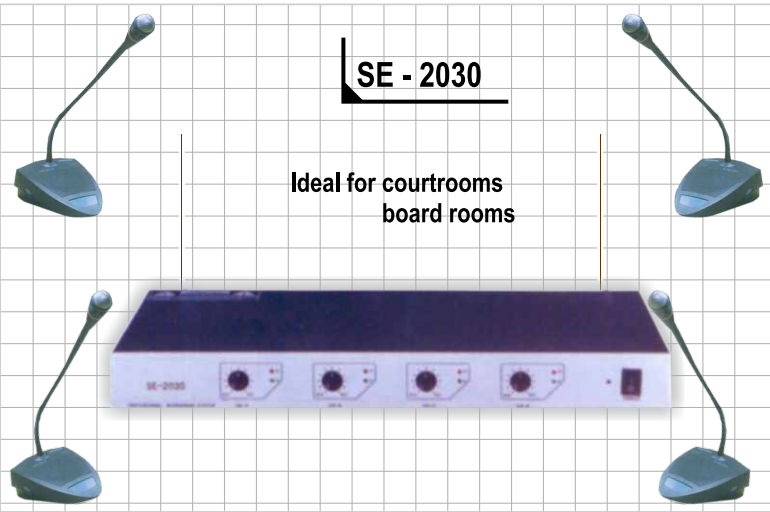


PROFESSIONAL WIRELESS CONFERENCE MICROPHONE SYSTEM

Permits microphones to operate simultaneously
without any interference / distortion.
Crisp and clear sound.



SPECIFICATION

Receiving Mode	: four channels & single receiver
Frequency Switch	: four different fixed Frequencies
Frequency Rang	: VHF 180-260MHz
Frequency Respond	: 60Hz-15KHz
Dynamic Range	: >110dB
T.H.D	: <0.1%
Effective Distance	: >60M

EMITTER

Emission Power	: 10mW
Oscillator	: quartz locked
Modulation Mode	: FM
Image Disturbing Ratio:	>50dB
Power Voltage	: DC3-6V(4 x DC1.2V or 4 x DC 1.5V)

RECEIVER

Sensitivity	: 2uV
Oscillator	: quartz locked
S / N Ratio	: >90dB
Output Jack	: XLR balance and P model unbalance
Power	: AC 110 220V
Dimension	: 430 x 260 x 45mm

(2 / 4 / 8 Channel model available)

WIRELESS MICROPHONE



Two Handheld microphone
with one receiver.
(Two collar microphone
instead of two
handheld microphone
also possible.)



Two desktop microphone
with one receiver



Two handheld microphone

WIRED MICROPHONE SYSTEM CR 33 CR 35

TECHNICAL SPECIFICATION

Sensitivity @ 1kHz:	-78dB + 2dB	-78dB + 2dB
Impedance	: 350 ohms ± 20%	250 ohms ± 20%
Polar Pattern	: Unidirectional	Unidirectional
Weight	: 250 gms approx	200 gms approx

ACCESSORIES

Shielded Cable 6m (18 ft)
Clamp

OPTIONAL ACCESSORIES

Desk mounting stand DS 601, DS 602, DS 603
Floor mounting stand with adjustable boom
CRMS 200



CR 45

TECHNICAL SPECIFICATION

Sensitivity	: -78dB + 3dB @ 1000 Hz (0 dB = 1 V / micro bar)
Impedance	: 200 ohms + 20%+
Polar Pattern	: Unidirectional
Weight	: 175 gms approx

ACCESSORIES

Shielded Cable 6m (18 ft)



MOTWANE



PUBLIC ADDRESS SYSTEM



CONFERENCE / CONVENTION CENTERS



MALLS



AIRPORT / RAILWAY



COMMERCIAL CENTER



THEME PARKS



HOTEL

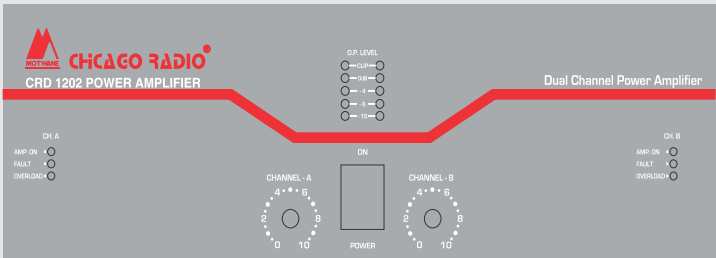
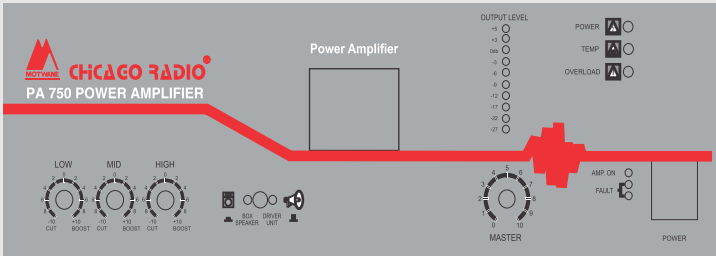


**MOTWANE
PRIVATE LIMITED**

Mumbai: "Gyan Ghar", 14th Road, Khar West, Mumbai 400 052.
Tel: 26047394, 26042648, 65502100 /01/02/03/04 Fax: 26059454
E-mail: sales@chicago-radio.net, motwane_g@vsnl.net
Website: www.chicago-radio.net

Bengaluru : 65, Electronic City, Hosur Road, Bengaluru - 560 100.
Tel: 080 - 28520151/28520556. E-mail: motwane@chicago-radio.net.
Kolkata: 25, Jawaharlal Nehru Road, P.O. Box No. 2589, Kolkata 700 087.
Tel: 033 - 22496626 E-mail: motwane@chicago-radio.net

AMPLIFIERS



Model	6000	6500	PA-750	61000	CRD-1202
Rated Power	300W RMS	550W RMS	750W RMS	1000W RMS	Dual Chanel 600W Per Chanel
Input Sensitivity	<1200mv				
S/N Ratio	>70db				
Freq. Response	60Hz-15kHz				
Output Mode	70V, 100V or 4-16				
THD (1kHz)	<5%				
Protection	Power turn on-off, High temperature, DC voltage, Short circuit Limiting				

Note : The company's policy is continuous improvement of its products.
We therefore reserve the right of any deviation from illustration or
specification without notice.

CONFERENCE SOLUTIONS



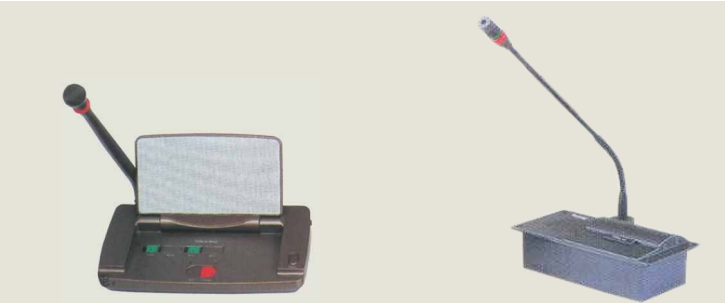
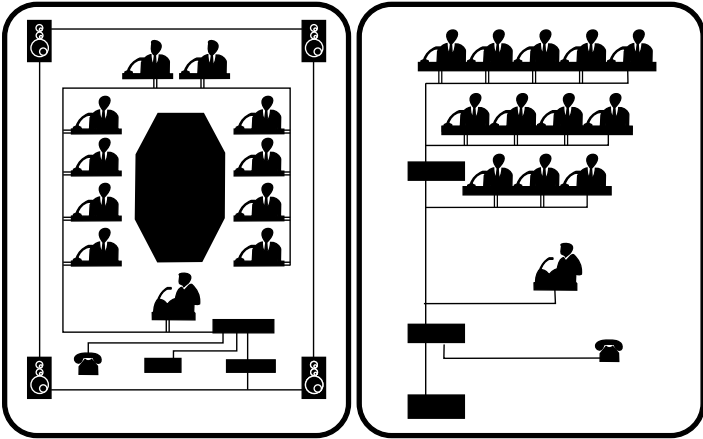
CONFERENCE SYSTEM

Motwane specializes in conference systems and simultaneous interpretation systems.

The company designs and manufactures many products used in these applications, particularly in the conference system field for courtrooms, board rooms, hotel meeting rooms, legislative councils and assemblies.

- A) The simple discussion system offers a convenient solution, where the participants are usually allowed free access to speak.
- B) In multipurpose rooms, the portable units can be quickly set up and connected without any skilled technical help.
- C) The units can be either desktop or embedded.

The built-in loudspeakers of units provide local sound reinforcement. The central unit provides audio output for recording.



SPEAKERS




Ceiling Speakers



CH-705/6 ”

Model	CH-705/6”	
Voltage	70-100	
Freq	150-15K	
Rated Resp.	3/6	
Hole (mm)	218	
Dimension (mm)	230	
Material	ABS	
Mounting	Ceiling	
Weight (kg)	0.87	
Sensitivity	94+3	
Distortion	<7	




Wall Mounted Elegant Speakers



CW-105B/4 CW-105B/5 CW-105B/6

MODE	CW-105W (B)/4	CW-105W (B)/5	CW-105W (B)/6
Rated Power	20W	30W	40W
Line Voltage	70~100V	70~100V	70~100V
Sensitivity (1w,1n)	89+3dB	90+3dB	91+3dB
Freq. Resp.	80Hz-20KHz	75Hz-20KHz	70Hz-20KHz
Dimensions (HxWxL)	215x170x150mm	242x182x162mm	284x215x189mm




Horn Speakers



HS-68Q HS-30Q HS-69Q

Mode	Hs-30q	Hs-68q	Hs-69q
Rated Power	30w	30w	15w/30w
Line Voltage	70~100v	70~100v	70~100v
Sensitivity(1w,1n)	106+ 2dB	112+2dB	113(+2)db
Freq.resp.	250hz-8khz	250hz-10khz	120~15000hz
Dimensions(HxWxL)	279x168mm	285x227mm	366x230x272mm

Weatherproof Column Speaker



Model	CS-810	CS-820	CS-830
Peaker Array	6” Full Range x1	6” Full Range x2	6” Full Range x1
Rated Power	10w	20w	30w
Line Voltage	100v	100v	100v
Sensitivity(1m,1w)	94 + 3dB	95 + 2dB	96 + 2db
Freq.resp.	150hz~13khz	150hz~13khz	150hz~13khz
Input Impedence	1K 2KΩ	500 1KΩ	333 666Ω
Material	Aluminum	Aluminum	Aluminum
Dimensions(mm)(HxWxL)	227x125x304	227x125x520	227x125x736
Wight	5 Kg	7 Kg	9 Kg

CENTRAL BROADCAST SYSTEM COMPONENTS

Paging Microphone

- Remote controls Paging selector
- Distance (max) to Paging selector - 500 mtr
- Built-in chime generator
- Expandable, up to 3 additional units
- Mute Function - Mic output overrides other inputs as per TK A 10P



Paging Selector

- 10 Zone Selector
- 10 Alarm inputs / outputs activation
- Remote control connection to Paging Microphone
- 2 microphones, 2 line inputs
- Built-in chime generator
- Priority input of Mic 1 / link 1 overrides other signal inputs



Per-Amplifier

- 5 Mic, 3 Aux, 2 priority inputs
- Priority inputs overrides other inputs
- Individual gain, Bass and treble controls
- 5-elements LED level meter
- Mute function to mute other inputs when Mic 1 inputs in use



Monitor Panel

- Monitors 5 output channels of 5 different amps via selection switch
- Built-in internal speakers with volume control
- 5-element LED level indicator
- 10 channel model also available on request



Speaker Selector

- Switches 1 amplifier outputs to 10 zones through selector switches1-10
- 1 BGM amplifier, 1 emergency amplifier inputs
- 5-elements LED level indicator



Telephone Interface

- Automatically answers incoming calls
- Phone call can be broadcast over PA system

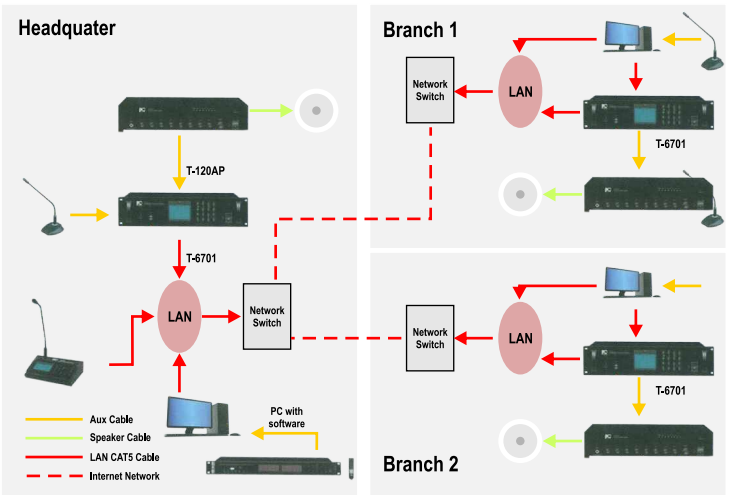


NETWORK AUDIO BROADCAST SYSTEM

IP / TCP Network Audio System



Sound System Solution



- Music & paging transmission over LAN network.
- Ideal solution for large area announcement / broadcast sound system.
- Minimum cable layout by using existing structured cable.
- Wide audio frequency from 20Hz to 16 kHz.
- Simultaneous multi-zones BGM / paging (Group zone, broadcast and paging).
- Flexible configuration from 10 zones to 100 zones.
- Easy upgrade and system expansion over existing non-dedicated LAN/WAN or internet.
- Two way communication intercoms - optional.
- A packet audio, about 124kbs bandwidth making it is possible to transfer multiple programs over non-dedicated networks.
- Local user program, and volume control via remote control.
- Integrate with door access and CCTV system together.