



**PUBLIC
ADDRESS
SYSTEMS**





Hi TUNE Bass offers a multitude of quality products addressing the complex needs of society. Further, by applying the advanced technologies and effective planning and capabilities we've cultivated through years of experience, we also merge and combine these fields freely to create the "Reassurance", "Reliability" and "Emotion" sought in today's rapidly changing world.

Since being founded in 1988, as a manufacturer of audio equipment we have exported our products to more than 15 countries throughout the world.

We are constantly improving our technological capabilities and developing 'innovative products in order to provide customers with the ultimate in good sound and peace of mind to help make their lives more comfortable.

Basic Management Policy (Three Confidence)

- Total confidence of our customers in the use of all products.
- Total confidence of our associates in all business transactions.
- Total confidence of our employees in all their effort.

From a small beginning of manufacturing Speakers/Driver Units, Microphones etc.,
We are manufacturing widest range of PA Systems & Equipments e.g.:

- | | |
|---|---|
| <ul style="list-style-type: none"> • PA. Amplifiers • PA. Audio Mixing Consols - Stereo • PA. Amplifiers + Digital Players With Bluetooth • Mobile PA. Amplifiers • Two Zone PA Amplifiers With Bluetooth • High Power PA Amplifiers • PA. Amplifiers + Digital Players + Echo With Bluetooth • PA Audio Mixers • PA Effect Processors • Counter Communication System | <ul style="list-style-type: none"> • PA. Microphone • PA. Driver Units • PA. Column Speakers • PA. Ceiling Speakers • PA. Speaker Systems • Professional PA. Speakers • PA. Microphone Stands • PA. Megaphones • School Broadcasting Systems • Uuit Horn Combinations |
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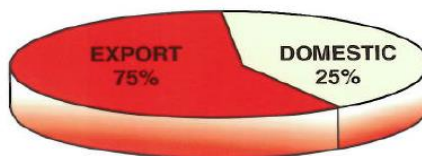
Hi TUNE Bass P.A. Systems & Equipments Conforms to International Standards, ensuring top quality performance & ABSOLUTE RELIABILITY.

COUNTRY-WIDE SALES NETWORK

In all Towns & Cities of India over 200 **Hi TUNE Bass** Authorised Dealers, Stock, Sell and render Service after Sales.

WORLD-WIDE EXPORT

Hi TUNE Bass P.A. Systems are being exported for the last more than 25 Years in over 15 Countries & are preferred on account of their being more rugged and reliable in the most extreme operating climatic conditions. We are constantly improving our products.



**IEC CB
CERTIFICATE**

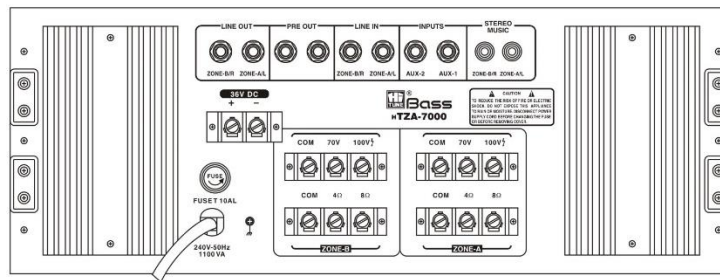
Our Greatest Assets For 30 Year.....Absolute Reliability

4.	Two Zone PA Amplifiers
5.	Two Zone PA Amplifiers
6.	Two Zone PA Amplifiers
7.	Two Zone PA Amplifiers with Built-in Digital Player+Bluetooth
8.	Two Zone PA Amplifiers with Built-in Digital Player+Bluetooth
9.	High Power PA Amplifiers
10.	High Power PA Amplifiers
11.	Medium Power PA Amplifiers
12.	Medium Power PA Amplifiers
13.	High Power PA Amplifiers (Booster)
14.	PA Amplifiers with Built-in Digital Player+Bluetooth
15.	PA Amplifiers with Built-in Digital Player+Bluetooth
16.	PA Amplifiers with Built-in Digital Player+Bluetooth
17.	PA Amplifiers with Built-in Digital Player+Bluetooth PA Counter Communication System
18.	PA Amplifiers with Built-in Digital Player+Bluetooth+Echo
19.	PA Amplifiers with Built-in Digital Player+Bluetooth+Echo
20.	Mobile PA Amplifiers with Built-in Digital Player+Bluetooth (For Vehicles)
21.	PA Effect Processors PA Audio Mixing Consoles with Built-in Digital Player+Bluetooth PA Audio Mixer
22.	PA Talk Back System / School Broadcast System / Headphone Amplifier
23.	Professional PA Speakers
24.	Professional PA Speakers
25.	Full Range Super High Power Speakers
26.	PA Microphones
27.	PA Ceiling Speakers
28.	PA Wall & Ceiling Speakers PA Projection Speakers PA Dual Projection Speakers PA Garden Speakers
29.	High-Tech PA Driver Units For Power, Punch & Clarity PA Column Speakers
30.	Shock & Weather Proof Versatile PA Horn Speakers
31.	PA Active Speakers with Built-in Digital Player+Bluetooth+Cordless Mike
32.	PA Megaphones
33.	PA Speakers Systems
34.	PA Column Speakers (White Series)
35.	PA Mobile Built in High Power Horn Speaker PA Mobile Hooter With Siren PA Mobile Amplifier With Siren Crossover Networks
36.	PA Microphone Stands PA Speaker Stands PA Accessories

Two Zone PA Amplifiers

HTZA-7000

700 WATTS ■ AC & 36V DC Operation

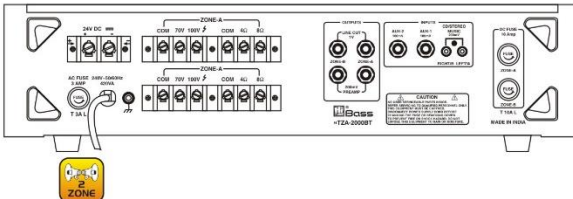
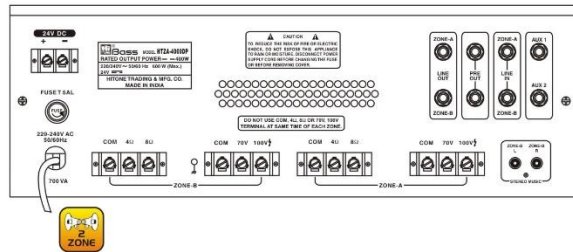


Bass model HTZA-7000 is rugged, reliable, cost-effective 700 watts Two Zone Amplifier. HTZA-7000 is ideal for multi-speaker installations where a user needs to separately set power levels for two separate areas such as indoors & outdoors.

- 6 Mic & 2 Aux Inputs.
- Stereo Music Operation for DJ programmes.
- Facilitates connection and operation of two separate groups of speakers simultaneously on 'Mono' mode. Ideal for Places of Worship.
- Line Input & Output on each zone for connecting to a Mixer and Booster Amplifier respectively. Preamplifier output for recording.
- Box Speaker/Driver Unit selector switch for each zone. Bass boost at Driver Unit position for safer operation of driver units. Zone On/Off facility.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Bar Graph Signal Display.

SPECIFICATIONS	HTZA-7000
POWER OUTPUT	500W + 500W Max., 350W + 350W RMS at 10% THD 300W + 300W RMS at 5% 280W + 280W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1 kHz
INPUT CHANNELS	Mono 6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470kΩ Stereo L/R 200mV/100kΩ, Line L/R 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB
TONE CONTROLS	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V for each zone
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V (3X12V Car Battery)
POWER CONSUMPTION	AC: 1100VA DC: 13A
DIMENSIONS	W510 X H185 X D470 mm
WEIGHT	39.80kg.

Two Zone PA Amplifiers



H-TZA-4000EM

400 WATTS ■ AC & 24V DC Operation

- 6 Mic & 2 Aux Inputs.
- Stereo Music Operation for DJ programmes.
- Facilitates connection and operation of two separate groups of speakers simultaneously on Mono mode. ideal for Places of Worship.
- Line Input & Output on each zone for connecting to a Mixer and Booster Amplifier respectively. Preamplifier output for recording.
- Box Speaker/Driver Unit selector switch for each zone. Bass boost defeated at Driver Unit position for safer operation of driver units. Zone On/Off facility.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.

H-TZA-2000

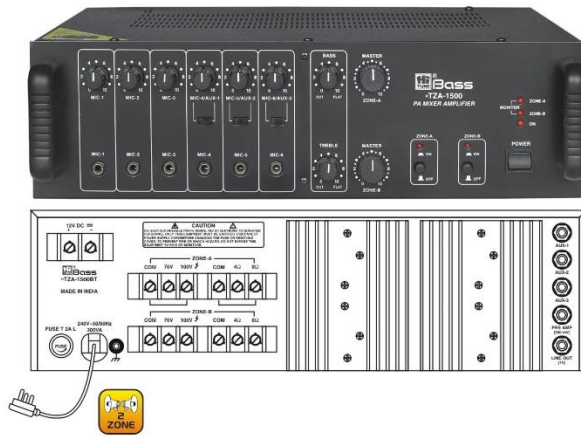
200 WATTS ■ AC & 24V DC Operation

- 6 Mic & 2 Aux Inputs.
- 100W+100W power output whereas it is 200W+200W in H-TZA-4000EM.
- Facilities are similar to H-TZA-4000EM. 'Stereo' music operation, connecting of two separate groups of speakers line inputs & outputs, preamplifier outputs, zone On/Off facility, DC fuses at rear pannel, AC/DC operation have been provided.
- While H-TZA-4000EM is suitable for large installations, H-TZA 2000 is ideal for medium sized installations such as places of worship where two separate groups of speakers are needed to be connected.
- User has a choice to connect both the zones to 100V (LMT) type speakers, or 100V speakers to one zone and low impedance type speakers to the other zone. Both the zones can also be connected to low impedance type speakers.

H-TZA models H-TZA-4000EM and H-TZA-2000 are rugged, reliable, cost-effective 400 watts & 200 watts Two Zone Amplifiers. These are ideal for multi-speaker installations where a user needs to separately set power levels for two separate areas such as indoors & outdoors

SPECIFICATIONS	H-TZA-4000EM	H-TZA-2000
POWER OUTPUT	300W + 300W Max., 200W + 200W RMS at 10% THD 180W + 180W RMS at 5% THD, 165W + 165W RMS at 2% THD	130W + 130W Max., 100W + 100W RMS at 10% THD 90W + 90W RMS at 5% THD 80W + 80W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	Mono 6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470 kΩ Stereo L/R 200mV/100kΩ, Line L/R 1V/50kΩ	Mono 6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470 kΩ Stereo L/R 250mV/47kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V for each zone	4Ω, 8Ω, 70V, & 100V for each zone
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 24V (2X12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V (2X12V Car Battery)
POWER CONSUMPTION	AC: 700VA DC: 9A	AC: 420VA DC: 6.5A
DIMENSIONS	W510 X H172 X D385 mm	W500 X H140 X D340 mm
WEIGHT	24.20kg	17.40kg.

Two Zone PA Amplifiers



H-TZA-1500

160 WATTS ■ AC & 12V DC Operation

- 6 Mic & 2 Aux Inputs.
- Preamplifier output for connecting to a Booster Amplifier and for recording the programme.
- Bass & Treble Controls.
- H-TZA-1500 permits connecting 100V (LMT) type speakers to one Zone and low impedance type speakers to other Zone without causing overloading and over heating.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Zone On/Off facility. Output levels of each Zone can be set independently to desired levels and the zones can be switched On/Off without disturbing the volume settings.



H-TZA-1200

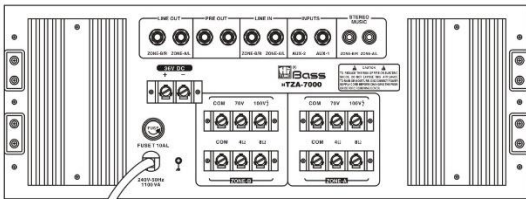
120 WATTS ■ AC & 12V DC Operation

- 5 Mic & 2 Aux Inputs.
- 60W+60W power output whereas it is 80W+80W in H-TZA-1500.
- Features are similar to H-TZA-1500. Connecting two groups of speakers, preamplifier output, bass and treble controls, zone On/Off facility, AC/DC operation have been provided.
- H-TZA-1200 is suitable for small sized installations such as in places of worship where both external and internal speakers are required to be connected with different sound level settings whereas H-TZA-1500 is suitable for medium size installations and for mobile orchestras.

H-Bass models H-TZA-1500 and H-TZA-1200 are cost-effective 160 watts & 120 watts Two Zone Amplifiers. These are designed to give medium power clean sound and reliable, trouble free operation under extreme climatic conditions. Ideal for use in small and medium sized installations such as in Schools, Banquet Halls, Places of Worship etc., where separate sets of speakers for indoors & outdoors are needed.

SPECIFICATIONS	H-TZA-1500	H-TZA-1200
POWER OUTPUT	100W + 100W Max., 80W + 80W RMS at 10% THD 70W + 70W RMS at 5% THD, 60W + 60W RMS at 2% THD	90W + 90W Max., 60W + 60W RMS at 10% THD 55W + 55W RMS at 5% THD, 50W + 50W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470 kΩ	5 X Mic 0.6mV/4.7kΩ, 1 X Aux 100mV/470 kΩ 1 X Aux 200mV/250kΩ (RCA Jack)
FREQUENCY RESPONSE	65-15,000Hz ± 3dB	70-15,000Hz ± 3dB
SIGNAL TO NOISE RATION	60dB	60dB
TONE CONTROLS	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω	Preamp 200mV/600Ω
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V for each zone	4Ω, 8Ω, 16Ω, & 100V for each zone
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 12V (12V Car Battery)	AC: 220-240V 50/60Hz DC: 12V (12V Car Battery)
POWER CONSUMPTION	AC: 300VA DC: 6A	AC: 250VA DC: 5A
DIMENSIONS	W460 X H155 X D310 mm	W400 X H130 X D290 mm
WEIGHT	14.20kg.	10.10kg.

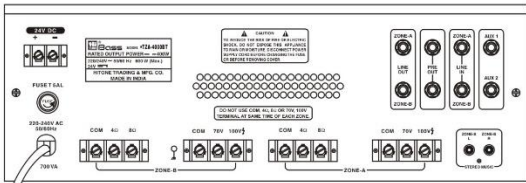
PA Amplifiers with Built-in Digital Player+Bluetooth



H-TZA-7000BT

700 WATTS ■ AC & 36V DC Operation

- 6 Mic & 2 Aux Inputs and CD/Stereo music input (L&R)
- Built-in MP3 player with remote control and LCD display for USB, SD/MMC card reader & Bluetooth.
- Stereo/Mono switch to change ambience of MP3 music player & CD/Stereo music for DJ programmes.
- Facilitates connection and operation of two separate groups of speakers simultaneously. Ideal for Places of Worship.
- Line Input & Output on each zone for connecting to a Mixer and Booster Amplifier respectively. Preamp output for recording.
- Box Speaker/Driver Unit selector switch for each zone. Bass boost defeated at Driver Unit position for safer operation of driver units. Zone On/Off facility.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.



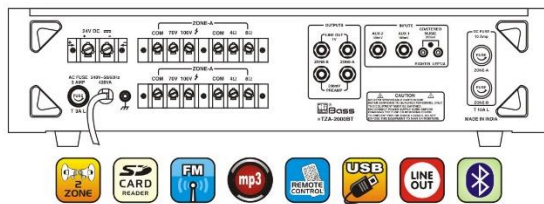
H-TZA-4000BT

400 WATTS ■ AC & 24V DC Operation

- 6 Mic, 2 Aux Inputs and CD/Stereo input (L&R)
- Built-in MP3 player with remote control and LCD display for USB, SD/MMC card reader & Bluetooth.
- Stereo/Mono switch to change ambience of MP3 music player and CD/Stereo music for DJ programmes.
- Separate USB level control provided.
- Line Input & Output on each zone for connecting to a Mixer and Booster Amplifier respectively. Preamp output for recording.
- Box Speaker/Driver Unit selector switch for each zone. Bass boost defeated at Driver Unit position for safer operation of driver units. Zone On/Off facility.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.

SPECIFICATIONS	H-TZA-7000BT	H-TZA-4000BT
POWER OUTPUT	500W + 500W Max., 350W + 350W RMS at 10% THD 300W + 300W RMS at 5% THD, 280W + 280W RMS at 2% THD	300W + 300W Max., 200W + 200W RMS at 10% THD 180W + 180W RMS at 5% THD, 165W + 165W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	Mic/Aux 6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470 kΩ Stereo Music Mode: L/R 200mV/100kΩ Line L/R 1V/20kΩ	Mic/Aux 6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470 kΩ Stereo Music Mode: L/R 200mV/100kΩ Line L/R 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V for each zone	4Ω, 8Ω, 70V & 100V for each zone
DIGITAL PLAYER	MP3 Player with USB, SD and MMC Card Reader	MP3 Player with USB, SD and MMC Card Reader
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V (3 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V (2 X 12V Car Battery)
POWER CONSUMPTION	AC: 1100VA DC: 13A	AC: 700VA DC: 9A
DIMENSIONS	W510 X H185 X D470 mm	W510 X H172 X D385 mm
WEIGHT	40.00kg.	24.20kg.

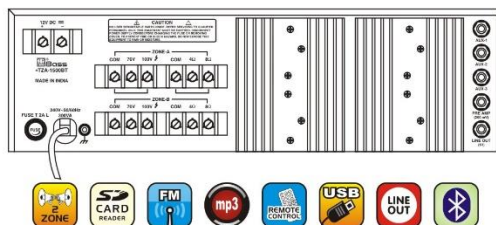
PA Amplifiers with Built-in Digital Player+Bluetooth



H-TZA-2000BT

200 WATTS ■ AC & 24V DC Operation

- 6 Mic, 2 Aux Inputs and CD/Stereo input (L&R)
- Built-in MP3 player with remote control for USB, SD/MMC card reader, Bluetooth
- H-TZA-2000BT is ideal for medium sized installations such as in places of worship where two separate groups of speakers are needed to be connected.
- User has a choice to connect both the zones to 100V (LMT) type speakers, or 100V speakers to one zone and low impedance type speakers to the other zone. Both the zones can also be connected to low impedance type speakers.
- Easy accessibility of DC fuses fitted on rear panel.
- Instant transfer to DC power (Car Battery) if AC power fails.



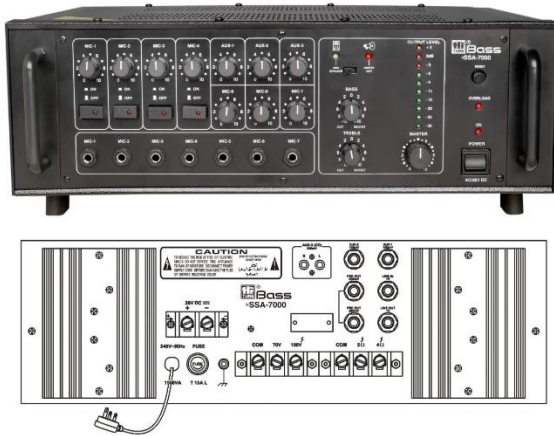
H-TZA-1500BT

160 WATTS ■ AC & 12V DC Operation

- 6 Mic, 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader, Bluetooth.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- H-TZA-1500BT is ideal for medium sized installations such as in places of worship where two separate groups of speakers are needed to be connected.
- User has a choice to connect both the zones to 100V (LMT) type speakers, or 100V speakers to one zone and low impedance type speakers to the other zone. Both the zones can also be connected to low impedance type speakers.
- Instant transfer to DC power (Car Battery) if AC power fails.

SPECIFICATIONS	H-TZA-2000BT	H-TZA-1500BT
POWER OUTPUT	130W + 130W Max., 100W + 100W RMS at 10% THD 90W + 90W RMS at 5% THD, 80W + 80W RMS at 2% THD	100W + 100W Max., 80W + 80W RMS at 10% THD 70W + 70W RMS at 5% THD, 60W + 60W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	Mono: 6 X Mic 0.65mV/4.7kΩ, 2 X Aux 100mV/470 kΩ Stereo: L/R 250mV/47kΩ	6 X Mic 0.6mV/4.7kΩ, 2 X Aux 100mV/470 kΩ -
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	65-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V for each zone	4Ω, 8Ω, 70V & 100V
DIGITAL PLAYER	MP3 Player with USB, SD and MMC Card Reader & Bluetooth	MP3 Player with USB, SD and MMC Card Reader & Bluetooth
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 24V (2 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 12V (12V Car Battery)
POWER CONSUMPTION	AC: 420VA DC: 6.5A	AC: 300VA DC: 6A
DIMENSIONS	W500 X H140 X D345 mm	W460 X H155 X D310 mm
WEIGHT	17.50kg.	14.50kg.

High Power PA Amplifiers



SSA-7000

700 WATTS ■ AC & 36V DC Operation

- 7 Mic & 3 Aux Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line input for connecting the output from any external mixer or permitting «SSA-7000 to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



SSA-5000EM

500 WATTS ■ AC & 36V DC Operation

- 7 Mic & 2 Aux Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting «SSA-5000EM to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.

SPECIFICATIONS	«SSA-7000	«SSA-5000EM
POWER OUTPUT	950W Max., 700W RMS at 10% THD 600W RMS at 5% THD, 570W RMS at 2% THD	750W Max., 500W RMS at 10% THD 450W RMS at 5% THD, 415W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	7 X Mic 0.8mV/4.7kΩ, 2 X Aux 100mV/50 kΩ 1 X AUX 250mV/50kΩ, 1 X Line 1V/50kΩ	7 X Mic 0.8mV/4.7kΩ, 2 X Aux 100mV/470 kΩ 1 X Line 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	2Ω, 4Ω, 70V & 100V	4Ω, 8Ω, 70V & 100V
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V (3 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 36V (3 X 12V Car Battery)
POWER CONSUMPTION	AC: 1100VA DC: 11A	AC: 1000VA DC: 8A
DIMENSIONS	W510 X H185 X D400 mm	W510 X H172 X D385 mm
WEIGHT	38.0kg.	26.70kg.

High Power PA Amplifiers



HSSA-350

350 WATTS ■ AC & 36V DC Operation

- 7 Mic & 2 Aux Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting HSSA-350 to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit. Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



HSSA-300

250 WATTS ■ AC & 24V DC Operation

- 6 Mic & 2 Aux Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting HSSA-300 to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit. Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



HSSA-300FX (Echo)

250 WATTS ■ AC & 24V DC Operation

- 6 Mic & 2 Aux Inputs.
- Built-in digital effect processor for 2 Mic Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting HSSA-300FX to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit. Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit Position for safer operation of driver units.

DELAY SYSTEM : Digital Signal Processing
DELAY RANGE SETTING : 60-300ms

SPECIFICATIONS	HSSA-350	HSSA-300 / HSSA-300FX
POWER OUTPUT	450W Max., 350W RMS at 10% THD 320W RMS at 5% THD, 300W RMS at 2% THD	300W Max., 250W RMS at 10% THD 220W RMS at 5% THD, 200W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	7 X Mic 0.8mV/4.7kΩ, 1 X Aux 100mV/470kΩ, 1 X Aux 200mV/470kΩ, 1 X Line 1V/50kΩ	6 X Mic 0.65mV/4.7kΩ, 2 X Aux 100mV/470kΩ, 1 X Line 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz	Bass: ±10dB at 100Hz Treble: ±10dB at 10kHz
OUTPUTS	Preamp : 200mV/600Ω, Line: 1V/1kΩ	Preamp : 200mV/600Ω, Line: 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 70V & 100V
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V Car Battery (3x12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V Car Battery (2x12V Car Battery)
POWER CONSUMPTION	AC: 660VA DC: 6A	AC: 460VA DC: 6A
DIMENSIONS	W480 X H160 X D360 mm	W450 X H160 X D340 mm
WEIGHT	20.50kg.	15.40kg.

Medium Power PA Amplifiers



SSA-160M

160 WATTS ■ AC & 24V DC Operation

- 5 Mic & 2 Aux Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting «SSA-160M to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



SSA-100M

100 WATTS ■ AC & 24V DC Operation

- 5 Mic & 2 Aux Inputs.
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Bass & Treble Tone Controls cut type.



SSB-120

120 WATTS ■ AC & 12V DC Operation

- 5 Mic & 2 Aux Inputs.
- Line Output for connecting to a Booster Amplifier and Preamplifier Output for recording the programme.
- Cut type Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.

SPECIFICATIONS	«SSA-160M	«SSA-100M	«SSB-120
POWER OUTPUT	220W Max., + 160W RMS at 10% THD 140W RMS at 5% THD, 120W RMS at 2% THD	130W Max., 100W RMS at 10% THD 90W RMS at 5% THD, 80W RMS at 2% THD	160W Max., 120W RMS at 10% THD 105W RMS at 5% THD, 95W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	5 X Mic 0.65mV/4.7kΩ, 2 X Aux 100mV/470 kΩ 1 X Line 1V/50kΩ	5 X Mic 0.65mV/4.7kΩ, 1 X Aux 50mV/470 kΩ 1 X Aux 150mV/470kΩ	5 X Mic 0.65mV/4.7kΩ 2 X Aux 100mV/470 kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 16Ω, 70V & 100V	4Ω, 8Ω, 16Ω, 70V & 100V
POWER SUPPLY	AC:220-240V 50/60Hz DC:24V (2 X 12V Car Battery)	AC:220-240V 50/60Hz DC:24V (2X12V Car Battery)	AC:220-240V 50/60Hz DC:12V (12V Car Battery)
POWER CONSUMPTION	AC:300VA DC:4A	AC:220VA DC:3A	AC:250VA DC:5.5A
DIMENSIONS	W420 X H155 X D320 mm	W420 X H135 X D290 mm	W420 X H135 X D295 mm
WEIGHT	13.60kg.	10.50kg.	11.30kg.

Medium Power PA Amplifiers



HSSB-80EM

80 WATTS ■ AC & 12V DC Operation

- 5 Mic & 2 Aux Inputs.
- Preamplifier Output for connecting to a Booster Amplifier and for recording the programme.
- Cut type Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.



HSSB-60EM

60 WATTS ■ AC & 12V DC Operation

- 4 Mic & 1 Aux Input.
- Preamplifier Output for connecting to a Booster Amplifier and for recording the programme.
- Instant transfer to DC power (Car Battery) if AC power fails
- Cut type Bass & Treble Controls.



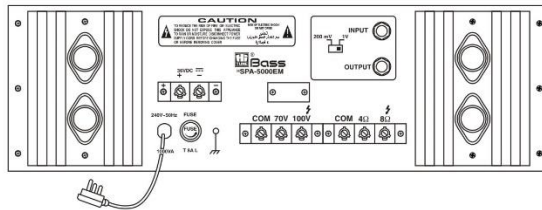
HSSB-45M

45 WATTS ■ AC & 12V DC Operation

- 3 Mic & 1 Aux Inputs.
- Preamplifier Output for connecting to a Booster Amplifier and for recording the programme.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Cut type Bass & Treble Controls.

SPECIFICATIONS	HSSB-80EM	HSSB-60EM	HSSB-45M
POWER OUTPUT	110W Max., 80W RMS at 10% THD 75W RMS at 5% THD, 60W RMS at 2% THD	90W Max., 65W RMS at 10% THD 60W RMS at 5% THD, 50W RMS at 2% THD	64W Max., 45W RMS at 10% THD 40W RMS at 5% THD, 30W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	5 X Mic 0.65mV/4.7kΩ 2 X Aux 100mV/470kΩ	4 X Mic 0.65mV/4.7kΩ 1 X Aux 100mV/470kΩ	3 X Mic 0.65mV/4.7kΩ 1 X Aux 100mV/470kΩ
FREQUENCY RESPONSE	65-15,000Hz ± 3dB	50-15,000Hz ± 3dB	100-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB	60dB
TONE CONTROLS	Bass:-10dB at 100Hz, Treble:-10dB at 10kHz	Bass:-10dB at 100Hz, Treble:-10dB at 10kHz	Bass:-10dB at 100Hz, Treble:-10dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω	Preamp 200mV/600Ω	Preamp 200mV/600Ω
SPEAKER OUTPUTS	4Ω, 8Ω, 16Ω, 70V & 100V	4Ω, 8Ω, 16Ω, & 100V	4Ω, 8Ω, 16Ω, & 100V
POWER SUPPLY	AC: 220-240V 50/60Hz DC:12V (12V Car Battery)	AC: 220-240V 50/60Hz DC:12V (12V Car Battery)	AC: 220-240V 50/60Hz DC:12V (12V Car Battery)
POWER CONSUMPTION	AC:180VA DC: 3A	AC:160VA DC: 3A	AC:110VA DC: 2A
DIMENSIONS	W355 X H133 X D285 mm	W350 X H120 X D265 mm	W280 X H120 X D270 mm
WEIGHT	7.83kg.	7.00kg.	4.80kg.

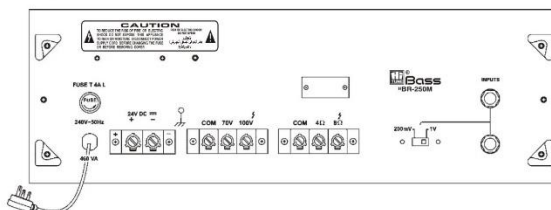
High Power PA Amplifiers (Booster)



HSPA-5000EM

500 WATTS ■ AC & 36V DC Operation

- Line Input 200mV/1V switchable for connecting a mixer or another amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.
- Ideal for large installations where a high power output is required. A combination of a HSPA-5000EM and one HSPA-5000EM can deliver 1000W power output.



HBR-250M

250 WATTS ■ AC & 24V DC Operation

- Line Input 200mV/1V switchable for connecting a mixer or another amplifier.
- Resettable circuit breaker for protection against overload and short circuit. Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.
- By connecting four booster amplifiers HBR-250M to one HSPA-300M, the user can have a 1250W mono system.

SPECIFICATIONS	HSPA-5000EM	HBR-250M
POWER OUTPUT	750W Max., 500W RMS at 10% THD 450W RMS at 5% THD, 415W RMS at 2% THD	300W Max., 250W RMS at 10% THD 220W RMS at 5% THD, 200W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	1 X Line 200mV/100kΩ 1 X Line 1V/50kΩ	1 X Line 200mV/100kΩ 1 X Line 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz±3dB	50-15,000Hz±3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ±10dB at 10kHz	Bass: ± 10dB at 100Hz, Treble: ±10dB at 10kHz
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 70V & 100V
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V (3 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V (2 X 12V Car Battery)
POWER CONSUMPTION	AC: 1000VA DC: 8A	AC: 460VA DC: 6A
DIMENSIONS	W510 X H172 X D385 mm	W450X H160 X D340 mm
WEIGHT	25.70kg.	15.0kg.

PA Amplifiers with Built-in Digital Player+Bluetooth



SSA-7000BT

700 WATTS ■ AC & 36V DC Operation

- 7 Mic & 3 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader & Bluetooth
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line input for connecting the output from any external mixer or permitting «SSA-7000BT to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



SSA-5000BT

500 WATTS ■ AC & 36V DC Operation

- 7 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader & Bluetooth
- Preamplifier and Line Output for connecting to a Booster Amplifier.
- Line Input for connecting the output from any external mixer or another amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.



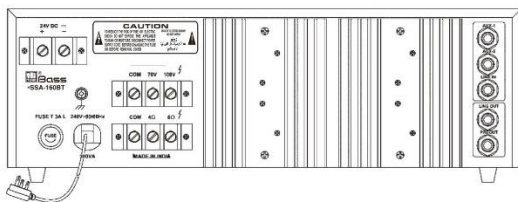
SSA-300BT

250 WATTS ■ AC & 24V DC Operation

- 6 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader & Bluetooth
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting «SSA-300BT to be used as a Booster Power amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.

SPECIFICATIONS	«SSA-7000BT	«SSA-5000BT	«SSA-300BT
POWER OUTPUT	850W Max., 700W RMS at 10% THD 600W RMS at 5% THD, 570W RMS at 2% THD	750W Max., 500W RMS at 10% THD 450W RMS at 5% THD, 415W RMS at 2% THD	300W Max., 250W RMS at 10% THD 220W RMS at 5% THD, 200W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	7 X Mic 0.8mV/4.7kΩ, 2 X Aux 100mV/50 kΩ 1 X CD 200mV/50 kΩ, 1 X Line 1V/50kΩ	7 X Mic 0.8mV/4.7kΩ, 2 X Aux 100mV/470 kΩ 1 X CD 200mV/50 kΩ, 1 X Line 1V/50kΩ	6 X Mic 0.65mV/4.7kΩ, 2 X Aux 100mV/470kΩ 1 X Line 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz
OUTPUT	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUT	2Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 70V & 100V
DIGITAL PLAYER	MP3 Player with USB, SD and MMC Card Reader & Bluetooth	MP3 Player with USB, SD and MMC Card Reader & Bluetooth	MP3 Player with USB, SD and MMC Card Reader & Bluetooth
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V (3 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 36V (3 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V (2 X 12V Car Battery)
POWER CONSUMPTION	AC: 1100VA DC: 11A	AC: 1000VA DC: 8A	AC: 460VA DC: 6A
DIMENSIONS	W510 X H185 X D400 mm	W510 X H172 X D385 mm	W450 X H160 X D340 mm
WEIGHT	38.20kg.	27.00kg.	16.00kg.

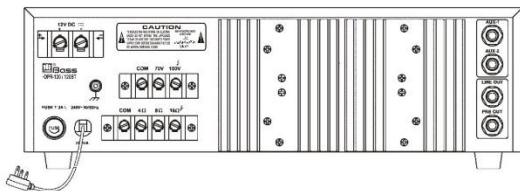
PA Amplifiers with Built-in Digital Player+Bluetooth



SSA-160BT

160 WATTS ■ AC & 24V DC Operation

- 5 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader & Bluetooth
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting SSA-160BT to be used as a Booster Power Amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.
- 5 LED array for output level monitoring.



DPR-120 / DPR-120BT

120 WATTS ■ AC & 12V DC Operation

- 5 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader & Bluetooth
- Line output for connecting to a Booster Amplifier and Preamplifier Output for recording the programme.
- Cut and Boost type Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.
- 5 LED array for output level monitoring.

SPECIFICATIONS	SSA-160BT	DPR-120 / DPR-120BT
POWER OUTPUT	220W Max., + 160W RMS at 10% THD 140W RMS at 5% THD, 120W RMS at 2% THD	160W Max., 120W RMS at 10% THD 105W RMS at 5% THD, 95W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	5 X Mic 0.65mV/4.7kΩ, 2 X Aux 100mV/470 kΩ 1 X Line 1V/50kΩ	5 X Mic 0.65mV/4.7kΩ 2 X Aux 100mV/470 kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: -8dB at 100Hz, Treble: -8dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kV	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 16Ω, 70V & 100V
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 24V (2 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 12V (12V Car Battery)
POWER CONSUMPTION	AC: 300VA DC: 4A	AC: 250VA DC: 5.5A
DIGITAL PLAYER	MP3 Player with USB, SD, MMC, FM, REC. & Bluetooth	
DIMENSIONS	W420 X H155 X D320 mm	W420 X H135 X D295 mm
WEIGHT	13.60kg.	11.30kg.

PA Amplifiers with Built-in Digital Player+Bluetooth



H-DPR-770 / H-DPR-770BT 75 WATTS ■ AC & 12V DC Operation

- 4 Mic & 1 Aux Inputs.
- Built-in MP3 player with USB reader and remote control
- Line Output for connecting to a Booster Amplifier.
- Active Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.
- 5 LED array for output level monitoring.



H-DPR-570 / H-DPR-570BT 50 WATTS ■ AC & 12V DC Operation

- 3 Mic & 1 Aux Input.
- Built-in MP3 player with USB reader and remote control.
- Line Output for connecting to a Booster Amplifier.
- Active Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.



H-DPA-370 30 WATTS ■ AC & 12V DC Operation

- 2 Mic & 1 Aux Input.
- Built-in MP3 player with USB reader and remote control.
- Line Output for connecting to a Booster Amplifier.
- Cut type tone control.
- Instant transfer to DC power (Car Battery) if AC power fails.

SPECIFICATIONS	H-DPR-770	H-DPR-570	H-DPA-370
POWER OUTPUT	100W Max., 75W RMS at 10% THD 70W RMS at 5% THD	75W Max., 50W RMS at 10% THD 45W RMS at 5% THD	37W Max., 30W RMS at 10% THD 27W RMS at 5% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	4 X Mic 0.6mV/4.7kΩ 1 X Aux 100mV/330kΩ	3 X Mic 0.6mV/4.7kΩ 1 X Aux 100mV/330kΩ	2 X Mic 0.5mV/2.5kΩ 1 X Aux 50mV/330kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB	100-12,000Hz ± 3dB
SIGNAL TO NOISE RATIO	55dB	55dB	58dB
TONE CONTROLS	Bass:-10dB +7dB at 100Hz Treble:-10dB +7dB at 10kHz	Bass:±10dB at 100Hz Treble:±10dB at 10kHz	Tone:-10dB at 10kHz -
OUTPUTS	Line: 1V/3.5kΩ	Line: 400mV/3.5kΩ	Line: 250mV/3.5kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 16Ω & 100V	4Ω, 8Ω, 16Ω & 100V	4Ω, 8Ω, 16Ω & 100V
DIGITAL PLAYER	MP3 Player with USB Reader	MP3 Player with USB Reader	MP3 Player with USB Reader
POWER SUPPLY	AC: 220-240V 50/60Hz DC:12-14V Car Battery	AC: 220-240V 50/60Hz DC:12-14V Car Battery	AC: 220-240V 50/60Hz DC:12-14V Car Battery
POWER CONSUMPTION	AC:140VA DC: 3A	AC:90VA DC: 3.1A	AC:48VA DC: 2.7A
DIMENSIONS	W385 X H125 X D300 mm	W305 X H120 X D305 mm	W230 X H95 X D285 mm
WEIGHT	8.80kg.	7.00kg.	4.50kg.

PA Amplifiers with Built-in Digital Player+Bluetooth

BDP-65R / 65BT

AC & 12V DC Operation



65 WATTS ■ 3 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Output : 60W RMS at 10% THD / 65W RMS Max
 Input Channels : Mic: 3 x Mic 0.6mV/4.7k Ω
 Aux: 1 x Aux 50mV/330k Ω
 Freq. Resp. : 100-15,000Hz \pm 3dB
 Tone Controls : Bass: \pm 10dB at 100Hz,
 Outputs : Treble: \pm 10dB at 10kHz
 Speaker Output : 4 Ω , 8 Ω , 16 Ω , & 100V
 Digital Player : DP Player with USB Recorder SD, FM &
 MMC Card Reader+Bluetooth
 Dim. / Wt. : W385 x H110 x D285mm / 5.150kg

BPF-30

AC & 12V DC Operation



30 WATTS ■ 2 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Output : 25W RMS at 10% THD 30W RMS Max.,
 Input Channels : Mic: 2 x Mic 1.0mV/4.7k Ω
 Aux: 1 x Aux 100mV/470k Ω
 Freq. Resp. : 150-10,000Hz \pm 3dB
 Tone Controls : -10dB at 10kHz,
 Digital Player : DP Player with USB Recorder SD, FM &
 MMC Card Reader+Bluetooth
 Speaker Output : Com-16 Ω , & Com-100V
 Dim. / Wt. : W245 x H85 x D365mm / 3.550kg

PA Counter Communication System

BCS-2300

AC Operation



BASS introduces BCS-2300, a two-way counter communication system, exclusively designed for easy and effective conversation across counters with transparent security barriers. It consists of an attendant unit, a customer unit and a power supply unit, which are easy to install and simple to connect through dedicated cables as supplied with the system.

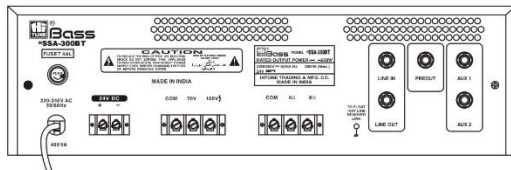
- Unique design, pleasing aesthetics & rugged construction.
- Two-way, hands-free communication.
- Easy, hassle-free installation.
- Compact & elegant table top attendant unit with 500mm (20") long gooseneck microphone for strain-free usage.
- A 3.5mm jack socket is provided for connecting a headband microphone. This is useable by the attendant as an alternate to the fixed gooseneck microphone.
- Separate controls for adjusting the speech levels during Talk & Listen modes of operation.
- Special Auto-Mute ON / OFF option provided through a toggle switch. In Auto-Mute ON condition, the customer's microphone is partially muted if it is not used for 30 sec. approx. This facility prevents the attendant from being disturbed by unwanted outside noise.
- The customer's unit has an efficient speaker and a sensitive condenser cartridge, mounted in a beautifully designed housing.
- Attendant's microphone has voice priority over the customer's microphone.

SPECIFICATIONS	BCS-2300
OUTPUT	2W (Max.) in each amplifier
MICROPHONE ELEMENT	Electret Condenser in both the units.
AUTO MUTE 'ON'	Enables after 30 seconds (approx.)
POWER REQUIREMENT	AC:220-24V, 50/60Hz
PROTECTIONS	AC Fuse 1 x 0.5A
DIMENSIONS	W139 x H65 x D183mm (w/o gooseneck)
ATTENDANT UNIT	Ø98 x D52mm
CUSTOMER UNIT	W85 x H58 x D150mm
POWER SUPPLY UNIT	
WEIGHT	
ATTENDANT UNIT	1.50kg
CUSTOMER UNIT	480g
POWER SUPPLY UNIT	930g
ACCESSORIES	1 No. of fuse 0.5A, 2 Nos. of M4 moulded screws 2 Nos. of self adhesive DUAL LOCK tape, 4.5mtrs. of interconnecting cable for Customer unit

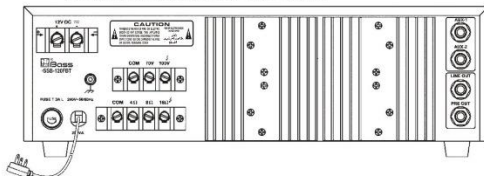
PA Amplifiers with Built-in Digital Player+Bluetooth+Echo



DELAY SYSTEM : Digital Signal Processing
DELAY RANGE SETTING : 60-300ms



DELAY SYSTEM : Digital Signal Processing
DELAY RANGE SETTING : 60-300ms



SSA-300FBT

250 WATTS ■ AC & 24V DC Operation

- 5 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader, Echo & Bluetooth
- Preamplifier and Line Output for connecting to a Booster Amplifier and for recording the programme.
- Line Input for connecting the output from any external mixer or permitting »SSA-300FBT to be used as a Booster Power amplifier.
- Resettable circuit breaker for protection against overload and short circuit.
- Instant transfer to DC power (Car Battery) if AC power fails.
- Box Speaker/Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of driver units.

SSB-120FBT

120 WATTS ■ AC & 12V DC Operation

- 5 Mic & 2 Aux Inputs.
- Built-in MP3 player with remote control for USB, SD/MMC card reader, Echo & Bluetooth
- Line output for connecting to a Booster Amplifier and Preamplifier Output for recording the programme.
- Cut and Boost type Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.
- 5 LED array for output level monitoring.

SPECIFICATIONS	SSA-300FBT	SSB-120FBT
POWER OUTPUT	300W Max., 250W RMS at 10% THD 220W RMS at 5% THD, 200W RMS at 2% THD	160W Max., 120W RMS at 10% THD 105W RMS at 5% THD, 95W RMS at 2% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	5 X Mic 0.65mV/4.7kΩ, 2 X Aux 100mV/470kΩ 1 X Line 1V/50kΩ	5 X Mic 0.65mV/4.7kΩ 2 X Aux 100mV/470 kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ± 10dB at 100Hz, Treble: ± 10dB at 10kHz	Bass: -8dB at 100Hz, Treble: -8dB at 10kHz
OUTPUTS	Preamp 200mV/600Ω, Line 1V/1kΩ	Preamp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V	4Ω, 8Ω, 16Ω, 70V & 100V
DIGITAL PLAYER	MP3 Player with USB, SD and MMC Card Reader	MP3 Player with USB, SD and MMC Card Reader
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 24V (2 X 12V Car Battery)	AC: 220-240V 50/60Hz DC: 12V (12V Car Battery)
POWER CONSUMPTION	AC: 460VA DC: 6A	AC: 250VA DC: 5.5A
DIMENSIONS	W450 X H160 X D340 mm	W420 X H135 X D295 mm
WEIGHT	16.00kg.	11.30kg.

PA Amplifiers with Built-in Digital Player+Bluetooth + Echo



DELAY SYSTEM : Digital Signal Processing
DELAY RANGE SETTING : 60-300ms

H-DPR-770FBT

75 WATTS ■ AC & 12V DC Operation

- 4 Mic & 1 Aux Inputs.
- Built-in MP3 player with USB reader and remote control
- Line Output for connecting to a Booster Amplifier.
- Active Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.
- 5 LED array for output level monitoring.



DELAY SYSTEM : Digital Signal Processing
DELAY RANGE SETTING : 60-300ms

H-DPR-570FBT

50 WATTS ■ AC & 12V DC Operation

- 3 Mic & 1 Aux Input.
- Built-in MP3 player with USB reader and remote control.
- Line Output for connecting to a Booster Amplifier.
- Active Bass & Treble controls.
- Instant transfer to DC power (Car Battery) if AC power fails.



DELAY SYSTEM : Digital Signal Processing
DELAY RANGE SETTING : 60-300ms

H-DPA-370FBT

30 WATTS ■ AC & 12V DC Operation

- 2 Mic & 1 Aux Input.
- Built-in MP3 player with USB reader and remote control.
- Line Output for connecting to a Booster Amplifier.
- Cut type tone control.
- Instant transfer to DC power (Car Battery) if AC power fails.

SPECIFICATIONS	H-DPR-770FBT	H-DPR-570FBT	H-DPA-370FBT
POWER OUTPUT	100W Max., 75W RMS at 10% THD 70W RMS at 5% THD	75W Max., 50W RMS at 10% THD 45W RMS at 5% THD	37W Max., 30W RMS at 10% THD 27W RMS at 5% THD
OUTPUT REGULATION	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz	≤ 2 dB, no load to full load at 1kHz
INPUT CHANNELS	4 X Mic 0.6mV/4.7kΩ 1 X Aux 100mV/330kΩ	3 X Mic 0.6mV/4.7kΩ 1 X Aux 100mV/330kΩ	2 X Mic 0.5mV/2.5kΩ 1 X Aux 50mV/330kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 3dB	50-15,000Hz ± 3dB	100-12,000Hz ± 3dB
SIGNAL TO NOISE RATIO	55dB	55dB	58dB
TONE CONTROLS	Bass:-10dB +7dB at 100Hz Treble:-10dB +7dB at 10kHz	Bass:±10dB at 100Hz Treble:±10dB at 10kHz	Tone:-10dB at 10kHz -
OUTPUTS	Line: 1V/3.5kΩ	Line: 400mV/3.5kΩ	Line: 250mV/3.5kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 16Ω & 100V	4Ω, 8Ω, 16Ω & 100V	4Ω, 8Ω, 16Ω & 100V
DIGITAL PLAYER	MP3 Player with USB Reader	MP3 Player with USB Reader	MP3 Player with USB Reader
POWER SUPPLY	AC: 220-240V 50/60Hz DC:12-14V Car Battery	AC: 220-240V 50/60Hz DC:12-14V Car Battery	AC: 220-240V 50/60Hz DC:12-14V Car Battery
POWER CONSUMPTION	AC:140VA DC: 3A	AC:90VA DC: 3.1A	AC:48VA DC: 2.7A
DIMENSIONS	W385 X H125 X D300 mm	W305 X H120 X D305 mm	W230 X H95 X D285 mm
WEIGHT	8.80kg.	7.00kg.	4.50kg.

Mobile PA Amplifiers

PA-200

12V DC Operation



ONE TONE SIREN

30 WATTS ■ 1 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Sources	: 12V DC Car Battery
Power Output	: 30 Watts RMS
Freq. Resp.	: 150 Hz-10K Hz \pm 3dB
Input Sensitivity	: 2 Mic 1mV/1K Ω
Aux.	: 50mV
Speaker Output	: 4-8-16- Ohms
Siren	: Push Button Switch for Siren, Facility With Volume Control
Dimensions	: W180 x H80 x D240
Weight	: 2.150 Kgs.

PA-300

12V DC Operation



THREE TONE SIREN

30 WATTS ■ 1 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Sources	: 12V DC Car Battery
Power Output	: 30 Watts RMS
Freq. Resp.	: 150 Hz-10K Hz \pm 3dB
Input Sensitivity	: 1 Mic 1mV/1K Ω
Aux.	: 50mV
Speaker Output	: 4-8-16- Ohms
Siren	: Push Button Switch for Three Tone Siren, Police, Fire, Ambulance With Volume Control
Dimensions	: W180 x H80 x D240
Weight	: 2.220 Kgs.

PA-400

12V DC Operation



TWO TONE SIREN

40 WATTS ■ 2 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Sources	: 12V DC Car Battery
Power Output	: 50 Watts RMS 40W RMS at 10% THD
Freq. Resp.	: 100 Hz-10K Hz \pm 3dB
Input Sensitivity	: 2 Mic 1mV/4.7K Ω
Aux.	: 1 Aux 100mV/330K Ω
Speaker Output	: 4-Ohms, 100V Line
Siren	: Push Button Switch for Two Tone Siren Facility With Volume Control
Dimensions	: W180 x H80 x D240
Weight	: 2.365 Kgs.

MA-50

24V DC Operation



THREE TONE SIREN

50 WATTS ■ 2 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Sources	: 24V DC Car Battery
Power Output	: 50 Watts (Max)
Freq. Resp.	: 100 Hz-10K Hz \pm 3dB
Input Sensitivity	: 2 Mic 1mV/4.7K Ω
Aux.	: 1 Aux 100mV/330K Ω
Speaker Output	: 4-Ohms, 100V Line
Siren	: Push Button Switch for Three Tone Siren Facility
Dimensions	: W180 x H80 x D240
Weight	: 2.365 Kgs.

MPA-50U

12V DC Operation



TWO TONE SIREN

50 WATTS ■ 1 Mic

SPECIFICATIONS

Power Sources	: 12V DC Car Battery
Power Output	: 50 Watts RMS
Freq. Resp.	: 100 Hz-10K Hz \pm 3dB
Input Sensitivity	: 1 Mic 1mV/4.7K Ω
Digital Recorder	: USB Player + FM+BT+REC.
Speaker Output	: 4-Ohms
Siren	: Slide Switch for Two Tone Siren Facility With Volume Control
Dimensions	: W180 x H80 x D240
Weight	: 2.365 Kgs.

PA-400BT

12V DC Operation



TWO TONE SIREN

40 WATTS ■ 2 Mic & 1 Aux Inputs

SPECIFICATIONS

Power Sources	: 12V DC Car Battery
Power Output	: 50 Watts (Max) 40W RMS at 10% THD
Freq. Resp.	: 100 Hz-10K Hz \pm 3dB
Input Sensitivity	: 2 Mic 1mV/4.7K Ω
Aux.	: 1 Aux 100mV/330K Ω
Speaker Output	: 4-Ohms, 100V Line
Siren	: Slide Switch for Two Tone Siren Facility With Volume Control
Digital Recorder	: USB Player + FM+BT+REC.
Dimensions	: W180 x H80 x D240
Weight	: 2.365 Kgs.



PA Effect Processors

DD-2

AC & 12V DC



- 2 Mic input
- Digital Signal Processing
- Echo Facility on All Inputs Through Echo Volume Repeat & Delay Control
- Echo Delay Time-20ms to 400ms

DD-4

AC & 12V DC



- 4 Mic input
- Digital Signal Processing
- Echo Facility on All Inputs Through Echo Volume Repeat & Delay Control
- Echo Delay Time-20ms to 400ms

PA Audio Mixing Consoles + Digital Player

BDM-80BT/14BT 8/14 Digital Echo Stereo Mixer With DP Player+Bluetooth



AC Operation

- 8/14 Mono Ultra Mic Inputs
- 3 Band Eq With Swept Mid
- Echo Section Provided (Delay, Repeat Level Controls)
- Individual Gain Control
- Head Phone
- Pan Control (For Individual Channels)
- Individual Channels Fader
- Effect Post Fader Output
- Used For Effect Send of Internal Echo so as to Drive External Effect Unit of The Channel
- Master Faders
- Built In MP-3 Player With USB Reader & Remote Control

SM-6 BT

6 Mike Digital Echo Stereo Mixer With DP Player+Bluetooth



Power Sources	: AC: 220V-240V, 50/60Hz
Mic Input	: -50dB to + 6dB
Tone Control	: Bass \pm 16dB at 60Hz
	: Treble \pm 16dB at 12KHz
Echo Delay Time	: 20ms to 400ms
Freq. Resp.	: 25Hz to 25KHz (+/-1dB)
Output	: Nominal 0dBm
	: Maximum Level (5.5V RMS) (1KHz/600 Ω Load)
Digital Player	: Built in DP Player With USB Reader & Remote Control
Dim. / Wt.	: W325 x H75 x D195 / 2.430Kg.

PA Audio Mixer

KM-04

9V DC Operation



4 Channel Mixer Pre Amplifier

SPECIFICATIONS

Power Sources	: 9V Battery
Inputs	: 4 Mic
Freq. Resp.	: 20-20,000Hz (\pm 3dB)
Output	: 200mV / 600 Ω
Dimensions	: W160 x H60 x D95
Weight	: 690 gms

PA Talk Back System

TUNE Bass is proud to introduce the **SCHOOL BROADCAST SYSTEM** completely designed, manufactured and factory tested system package to meet the requirements of schools & colleges.

While the School Broadcast System has been designed keeping in view the requirements of educational institutions, the system can also be used for other applications like :

- Supermarkets / Departmental stores.
- Industrial / Commercial establishments.
- High rise building etc.



NEW SBS-20 / 40 / 60 / 80 / 100



CLASSROOM SPEAKER

HSC-10T



ONE WAY

MSB-64



TWO WAY
(WITH TALK BACK)

School Broadcast System is a Powerful Tool in The Hands of Principal/Head Master to Speak to Each and Every Student thus Establishing Personal Rapport and Complete Discipline.

FEATURES :-

- Allows Perfect Communication Between Principal/Head Master and Various Class Rooms.
- Principal/Head Master Can Speak to Each Class Individually and Addresss All Class Room Simultaneously.
- Principal/Head Master Can Receive Communication From Each Class Room
- Relay Of Pre-Recorded Educational Cassettes Over Loudspeakers in Class Room From in Built Cassette Player. Amplifier :
- The power of the amplifier is decided on the number of classroom speakers to be driven.

SPECIFICATION

- All Room Paging & Talkback System
- Talk LED
- Call Return LED
- Return Call Bell
- Monitor Speaker
- Monitor Speaker Volume
- All Call Switch
- 230V AC/ 12V Dc
- Electret Gooseneck Microphone (Optional) Extra Socket for Back side
- One Gooseneck Microphone Attached

Conferencing Headphone Microphone Amplifier

MHA-6 10 WATTS (MAX) 6 Mic Headphone Amplifier



FEATURES :

- To Develop Confidence to Carry Out a simple conversation.
- To Conduct Focused Discussion.
- Headphone Located in Various Places for Getting Messages From Head Person and Also for Talk Back From Each Microphone to Head Person
- All Headphone Person at a time individual Conversation Separatey.
- Allows perfect Communication between Head Person and Various Headphone.
- Head Person Can Speak to Each Headphone Individually and Address All Headphone simultaneously.
- Head Person Can Receive Communication from Each Headphone.

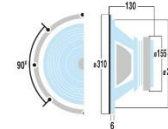
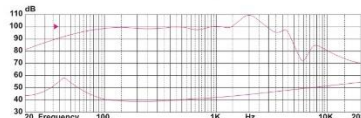
Professional PA Speakers

G12/250 250 WATTS



Medium power 12" low frequency speaker

- Specially designed for use in medium power compact 2-Way speaker systems.
- It has wide linear working range and is suitable for bass-midrange and monitoring applications.
- Aluminium Die Cast Frame and robust construction.
- KAPTON former voice coil for withstanding high temperature.
- 2" copper wire voice coil for higher SPL.
- Composite cone paper with plasticized cloth cone edge.

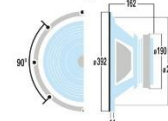
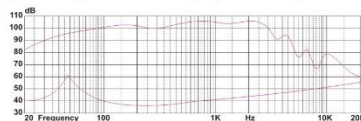


G15/300 300 WATTS



High power 15" low frequency speaker

- Excellent low and mid frequency response, Ideal for bass and bass-midrange applications in bass reflex cabinets.
- Aluminium die-cast frame and robust construction.
- 3" copper wire voice coil.
- Vented-gap cooling technique.
- KAPTON former voice coil for withstanding high temperature.
- Gold plated heavy duty terminals for firm connection.
- Composite cone paper with plasticized cloth cone edge.

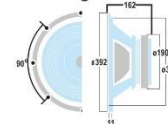
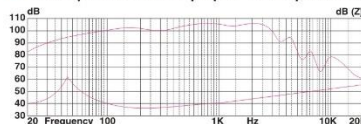


L 15-MB300 300 WATTS



High power 15" low frequency speaker

- Excellent low and mid frequency response, ideal for bass and bass-midrange applications in bass reflex cabinets.
- Aluminium die-cast frame and robust construction.
- 3" Copper wire voice coil.
- Vented-gap cooling technique.
- KAPTON former voice coil for withstanding high temperature.
- Heavy duty terminals for firm connection.
- Composite cone paper with plasticized cloth cone edge.

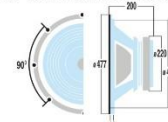
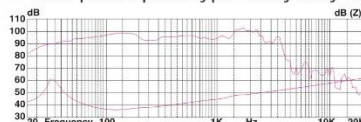


L 18-MB800 800 WATTS



High power 18" extended low frequency speaker

- Extremely great linear excursion, ideal for powerful bass and SUBWOOFER applications.
- Aluminium die-cast frame and robust construction.
- Tear resistant tetron-cotton blend rolled cloth edge.
- Cotton polyester blend spider.
- Glass Fibre former voice coil for withstanding high temperature.
- 4" copper wire voice coil for higher SPL.
- Vented-gap cooling technique.
- Ideal professional bass speaker for all PA, sound reinforcement and live music applications.
- Gold plated push type heavy duty terminals for firm connection.



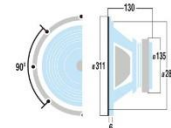
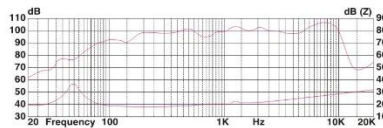
Professional PA Speakers

SK-12FRX/FRZ 100 WATTS



High efficiency 12" dual cone full range speaker

- They are 12" dual cone full range PA speakers with a very wide frequency range 55-16,000Hz.
- Impedance of SK-12FRX is 8Ω and SK-12FRZ is 16Ω.
- High quality specially designed parts for low distortion and a clean transparent sound.
- Efficient design for a high SPL over the entire effective frequency band.
- Special corrugated cloth edge cone for long term durability.
- Sturdy pressed metal frame and robust construction.
- Designed specially for use in compact sealed enclosures either as a stand-alone speaker system or in combination with a tweeter.
- Ideal for musical, keyboard and PA applications.

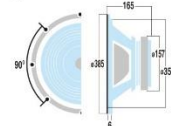
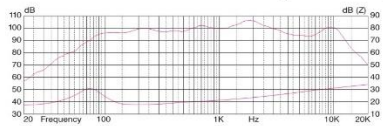


SK-15FRX 200 WATTS



High efficiency 15" dual cone full range speaker

- It is a 15" high quality dual cone full range PA speaker with a very wide frequency range 50-16,000Hz.
- High quality specially designed parts for low distortion and clean sound.
- Efficient design for a high SPL over the entire effective frequency band.
- Sturdy construction & excellent finish.
- Designed specially for use in compact sealed enclosures either as a stand alone speaker system or can be combined with a tweeter.
- Special corrugated cloth edge cone for long term durability.
- It is excellent for monitoring or full range PA applications.



SPECIFICATIONS	G12/250	G15/300	G15/500	G18/800	SK-12FRX/FRZ	SK-15FRX/FRZ
POWER RATING	200W RMS	300W RMS	500W RMS	650W RMS	100W RMS	200W RMS
NOMINAL DIAMETER	305mm (12")	380mm (15")	380mm (15")	457mm (18")	305mm (12")	380mm (15")
NOMINAL IMPEDANCE	8Ω	8Ω	8Ω	8Ω	8Ω/16Ω	8Ω/16Ω
SENSITIVITY (1W/1m)	98dB	98dB	98dB	98dB	97dB	98dB
MAGNET SIZE / WEIGHT	155 mm / 7.5Kg	185 mm / 8kg	220 mm / 9kg	220 mm / 12.0kg	134 mm / 1.1kg	155 mm / 1.54kg
RESONANT FREQUENCY (Fs)	45Hz	40Hz	35Hz	32Hz	50Hz	75Hz
DC RESISTANCE (Re)	7Ω	5.7Ω	5Ω	5.1Ω	6.4Ω	6.5Ω
ELECTROMAGNETIC Q (Qes)	0.46	0.32	0.34	0.26	0.75Ω	0.91
MECHANICAL Q (Qms)	4.67	5.82	4.32	5.29	9.36	5.07
TOTAL Q (Qts)	0.42	0.3	0.32	0.245	0.7	0.77
COMPLIANCE EQUIVALENT						
VOLUME (VAS)	135Litr	139.65Litr	221Litr	246Litr	104.6Litr	75.11Litr
SURFACE AREA OF CONE (Sd)	510cm ²	830cm ²	830cm ²	1225cm ²	510cm ²	830cm ²
REFERENCE EFFICIENCY (ηo)	1.35%	4.35%	2.28%	3.12%	1.7%	3.18%
VOICE COIL	2"	3"	4"	4"	1½"	2"
OVERHANG (Xmax)	2.5 mm	2.5 mm	8.0 mm	5.0 mm	1.5 mm	4.0 mm
MOVING MASS (Mms)	51.9gm	80.31gm	107.17gm	218gm	35.23gm	60.62gm
BL PRODUCT (BL)	13.42TM	20.49TM	18TM	29.64TM	9.7TM	14.23TM
COIL INDUCTANCE (Le)	0.89mH	0.68mH	1.09mH	1.9mH	0.79mH	0.78mH
OVERALL DIAMETER	313 mm	395 mm	387 mm	476 mm	304 mm	385 mm
DEPTH	127 mm	160 mm	158 mm	205 mm	130 mm	165 mm
BAFFLE HOLE DIAMETER	285 mm	358 mm	354 mm	424 mm	280 mm	351 mm
BOLT MOUNT DIAMETER	300 mm (8 Bolts)	373 mm (8 Bolts)	369 mm (8 Bolts)	450 mm (8 Bolts)	292 mm (8 Bolts)	373 mm (8 Bolts)
WEIGHT	5.50Kg	8.15Kg	9.00Kg	12.00Kg	3.40Kg	4.90Kg

Full Range Super High Power Speakers



GENERAL PURPOSE SPEAKERS

MODEL	SIZE	WATTS	OHMS	WEIGHT	MAGNET SIZE
6HS6D	6" HEXAGON	20	4	385 gms	60X24X13
6HS10D	6" HEXAGON	20	4	415 gms	72X32X10
6HS15D	6" ROUND	30	4	910 gms	72X32X15
6HS20D	6" ROUND	25	4	590 gms	91X32X12
8HS10D	8" ROUND	20	4	925 gms	72X32X15
8HS15D	8" HEXAGON	40	4-8	1.330 Kg	91X35X17



FULL RANGE SPEAKERS (IRON SHEET)

MODEL	SIZE	WATTS	OHMS	WEIGHT	MAGNET SIZE
10HS30	10"	40	8	1.480 Kg	91X35x17
10HS50	10"	75	8-16	2.700 Kg	121X57X17
12HS50	12"	50	8-16	2.975 Kg	121X57X20
12HS70	12"	150	8-16	3.700 Kg	134X57X20



PROFESSIONAL ALUMINIUM DIE-CAST HEAVY DUTY

MODEL	SIZE	WATTS	OHMS	WEIGHT	MAGNET SIZE
8HS50	8"	75	8-16	2.720 Kg	121X57X17
12HS60	12"	75	8-16	3.370 Kg	121X57X20
12HS80	12"	150	8-16	4.00 Kg	134X57X20
12HS100	12"	200	8-16	4.350 Kg	134X57X20
12HS200	12"	200	8-16	4.100 Kg	155X57X20
12HS250	12"	300	8-16	5.500 Kg	155X57X20
15HS150	15"	150	8-16	7.570 Kg	155X57X20



AIR SUSPENSION FOAM WOOFERS

MODEL	SIZE	WATTS	OHMS	WEIGHT	MAGNET SIZE
6HCW15	6" 1/2	25	4-8	690 Kg	72X32X15
6HCW50	6" 1/2	50	4-8	1.200 Kg	91X35X17
8HCW15	8"	40	4-8	1.375 Kg	91X35X17
8HCW50DC	8"	100	8-16	2.725 Kg	121X57X17
8HCW30 Sq.	8"	60	4-8	1.450 Kg	91X35X17
10HCW40	10"	50	4-8	1.475 Kg	91X35X17
10HCW60	10"	100	8-16	2.420 Kg	121X57X17
10HCW50	10"	60	4-8	1.560 Kg	91X35X17
12HCW60	12"	100	8-16	3.80 Kg	121X57X20
12HCW80	12"	150	8-16	3.710 Kg	134X57X20

PA Microphones

PRO-2000XLR



NEW Dynamic Unidirectional

High output neodymium cartridge, excellent intelligibility & wide frequency response. Ideal for live vocal, music & studio applications.

Supplied with quick detachable holder with 3-pin professional XLR connector & 6 mtrs. Shielded low noise cable.

Freq. Resp. : 50-16,000Hz
Sensitivity : 2mV/Pa
Impedance : 300Ω (Lo-2)

HUD-100XLR



Dynamic Unidirectional

Rugged and reliable PA microphone with non-reflective finish Ideal for amateur artistes on stage. Recommended for speech and paging applications.

Supplied with quick detachable holder with 3-pin professional XLR connector & 6 mtrs. shielded low noise cable.

Freq. Resp. : 50-15,000Hz
Sensitivity : 2.5mV/Pa
Impedance : 600Ω

HUD-101XLR



Dynamic Unidirectional

All purpose PA microphone reproducing intelligible, crisp and a bright sound. Suitable for multi-purpose PA installations.

Supplied with quick detachable holder with 3-pin professional XLR connector & 6 mtrs. shielded low noise cable.

Freq. Resp. : 50-15,000Hz
Sensitivity : 2.2mV/Pa
Impedance : 500Ω

HUD-580XLR



Dynamic Unidirectional

Upper mid-range presence peak for intelligible sound and ideal for close-to-lip singing. Accentuates warmth and clarity.

Supplied with quick detachable holder with 3-pin professional XLR connector & 6 mtrs. shielded low noise cable.

Freq. Resp. : 50-16,000Hz
Sensitivity : -73dB ± 3dB (1V/u bdr AT 1,000Hz)
Impedance : (1) Pri Source Impedance : 45Ω ± 15%
(2) Sec. Load Impedance : 400Ω ± 15%

HUD-99XLR



Dynamic Unidirectional

For general PA applications, a robust and reliable microphone. Ideal for addressing an audience.

Supplied with quick detachable holder with 3-pin professional XLR connector & 6 mtrs. shielded low noise cable.

Freq. Resp. : 50-15,000Hz
Sensitivity : 2mV/Pa
Impedance : 600Ω

HUD-98XLR



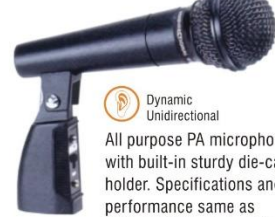
Dynamic Unidirectional

High output Neodymium cartridge. Excellent intelligibility & wide frequency response. Attractive appearance.

Supplied with quick detachable holder with 3-pin professional XLR connector & 6 mtrs. shielded low noise cable.

Freq. Resp. : 50-15,000Hz
Sensitivity : 2.5mV/Pa
Impedance : 600Ω

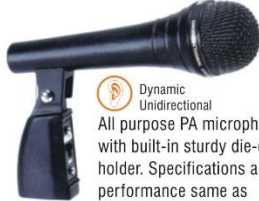
HUD-101MS



Dynamic Unidirectional

All purpose PA microphone with built-in sturdy die-cast holder. Specifications and performance same as HUD-101XLR. 3-pin XLR connector & 6 mtrs. Shielded cable.

HUD-99MS/MSX



Dynamic Unidirectional

All purpose PA microphone with built-in sturdy die-cast holder. Specifications and performance same as 99XLR. 3-pin XLR connector & 6 mtrs. Shielded cable.

HUD-77MS



Dynamic Unidirectional

Legendary microphone for general purpose PA like speech & music. Comes with XLR connector & 6 mtrs. Shielded cable.

Freq. Resp. : 50-15,000Hz
Sensitivity : 2.0mV/Pa
Impedance : 600Ω

HUD-59 XLR



Dynamic Unidirectional

High output Neodymium cartridge. Excellent intelligibility & wide frequency response. Attractive appearance.

Supplied with quick detachable holder with 3-pin professional XLR connector & 5 mtrs. Shielded low noise cable.

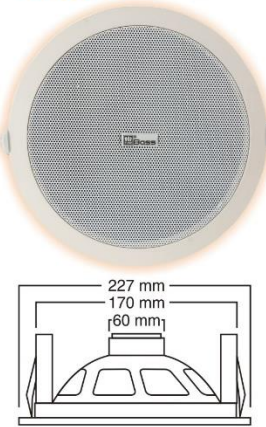
Freq. Resp. : 100-10000Hz
Sensitivity : 2.0mV/Pa
Impedance : 600Ω

PA Ceiling Speakers

CS-663T 9 WATTS



CS-6081T 10 WATTS

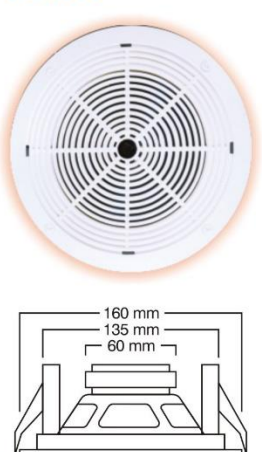


CSL-511T 40 WATTS

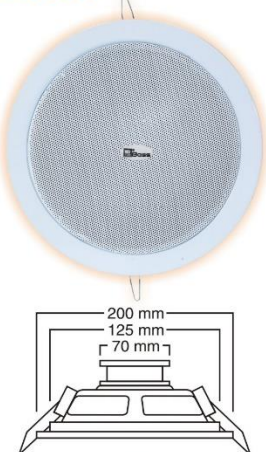


MODEL	CS-663T	CS-6081T	CSL-511T
INPUT POWER	6W RATED 9W (MAX)	8W RATED 10W (MAX)	20W RATED 40W (MAX)
POWER TAPINGS	6W/3W/1.5W	8W/4W/2W	40W/20W/10W
INPUT VOLTAGE	100V/70V LINE	100V/70V LINE	100V/70V LINE
MOUNTING SYSTEM	WITH SPRING	MOUNTING SCREW/SPRING	90Hz-18000Hz
FREQ-RESP	60Hz-15000Hz	60Hz-15000Hz	WITH SPRINGS
MATERIAL	ABS PLASTIC WHITE	ABS PLASTIC WHITE	ABS PLASTIC CREAM
DIMENSIONS	Ø 210mm X H 78mm	Ø 227mm X H 78mm	Ø 272m X H120mm
WEIGHT	O . 8 Kg	O . 850 Kg	2.10 Kgs

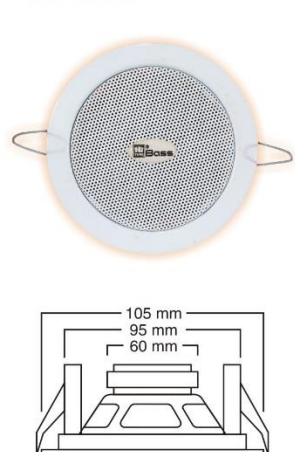
CS-451T 6 WATTS



PA-540T 9 WATTS



PB-3B03T 6 WATTS



MODEL	CS-451T	PA-540T	PB-3B03T
INPUT POWER	4W RATED 6W (MAX)	9W RATED 10W (MAX)	6W RATED 8W (MAX)
POWER TAPINGS	4W/2W/1W	6W/3W/1.5W	6W/3W/1.5W
INPUT VOLTAGE	100V/70V LINE	100V/70V LINE	100V/70V LINE
FREQ-RESP	80Hz-15000Hz	80Hz-18000Hz	70Hz-15000Hz
MOUNTING SYSTEM	WITH SPRINGS	WITH SPRINGS	WITH SPRINGS
MATERIAL	ABS PLASTIC WHITE	ABS PLASTIC WHITE	MS SHEET WHITE
DIMENSIONS	Ø 160mm X H 68mm	Ø 200m X H70mm	Ø 105m X H80mm
WEIGHT	740.GMS	620.GMS	470.GMS

PA Wall & Ceiling Speakers

WSX-551T



High quality, compact and aesthetically designed wall mounting box speaker to suit interior as in Schools, Offices, BPO's Hospitals, Banks, Restaurants, Showrooms and Hotels. Clear and clean sound for speech and music.

- 5" Full Range Wall Speaker in elegant white ABS cabinet, 5W/100V.
- Power tap selection on 100V through female receptacle (push fit).
- Key hole for easy mounting.
- Screw mounting provided from front to make it vandal-proof.

Power Rating	: 5W RMS/7.5W Max.
Power Taps on 100V	: 5/2.5/1.25W
Impedance	: 2K/4K/8KΩ
Frequency Response	: 80-15,000Hz
SPL at 1kHz (1W/1m)	: 92dB
Dimensions	: W179 X H195 X D101 mm
Weight	: 740g

BS-6082T



Stylish & rugged metal box speaker for a variety of speech & background music applications such as Railway Coaches, Industrial Establishments, Schools, Warehouses, Public Buildings etc. Powder coated metal enclosure.

- Vandal proof metal cabinet in ivory colour.
- 6" Full Range Speaker, 8W/100V.
- Key holes for easy wall mounting.
- BS-6082T is wall mount version.
- Easy power tap selection through terminal strip.

Power Rating	: 8W RMS/12W Max.
Power Taps on 100V	: 8/4/2W
Impedance	: 1.25k/2.5k/5KΩ
Frequency Response	: 60-15,000Hz
SPL at 1kHz (1W/1m)	: 92dB
Dimensions	: W230 X H230 X D75 mm
Weight	: W230 X H250 X D75 mm
	: 1.80kg

PS-400T



Input Power	: 16W RMS/24W Max.
Power Taps	: 16/8/4W on 100V/8Ω
Freq. Resp.	: 85-20,000Hz
SPL (1W/1m)	: 86dB
Woofer	: Woofer 95mm (3 3/4")
Tweeter	: 13mm dome
Dim.	: W133 x H187 x D107 mm
Wt.	: 1.40kg

HS-401



PA Projection Speaker

Input Power	: 15W
Power Taps	: 5W/10W/15W
Freq. Resp.	: 60 15000 Hz
SPL (1W/1m)	: 92db
Dim.	: Ø145 L190mm
Wt.	: 1.900kg

PA Dual Projection Speaker

HS-402



Input Power	: 20W
Power Taps	: 5W/10W/15W
Freq. Resp.	: 60 15000 Hz
SPL (1W/1m)	: 92db
Dim.	: Ø145 L200mm
Wt.	: 1.900kg

Compact & weather resistant bi-directional projection speaker in aesthetically pleasing white plastic cabinet. Provides uniform ambience of sound in a wider area from a single sound source.

IP-44 degree of dust and water protection. 2 x 6 1/2" Full Range Speakers facing in opposite direction, 20W/100V.

'U' type stainless steel bracket for mounting. Ideal for Railway Platforms...Factories... Parking Lots...School Corridors... Theme Parks...

PA Garden Speaker

GLOBE-35

WEATHER PROOF



Input Power	: 30 watts
Power Taps	: 5W/10W/20W on 100V Line
Freq. Resp.	: 60,20000Hz
SPL (1W/1m)	: 89db/
Dim.	: Ø254 mm
Wt.	: 4.50kg

ABS PLASTIC

Rugged & beautiful green garden speaker which harmoniously merges with the outdoor garden environment. Fitted with two nos. of wide response and water resistant polypropylene speakers. Strong aluminium alloy housing permits various outdoor applications.

2 x 5" Full Range Speaker, 30W/100V. Power tap selection through different colour wires. Wide round base for rigid floor mounting. Ideal for Gardens... Hotels... Farm Houses... Theme Parks... Lawns of Religious Places... Historical Monuments...

High-Tech PA Driver Units For Power, Punch & Clarity



SPECIFICATIONS	DU-25	FM-40	FM-50	FM-60	FM-40XT
INPUT POWER	25W RMS/30W Max.	40W RMS/60W Max.	50W RMS/60W Max.	60W RMS/90W Max.	40W RMS/60W Max.
IMPEDANCE/POWER TAPS	16Ω	16Ω	16Ω	16Ω	On 100V Line 250Ω/40W, 330Ω/30W 500Ω/20W, 1kΩ/10W 2kΩ/5W
FREQUENCY RESPONSE	160-7,000Hz	160-7,000Hz	160-7,000Hz	160-7,000Hz	160-7,000Hz
SPL at 1kHz	112dB/1W/1m	112.5dB/1W/1m	113.5dB/1W/1m	113.5dB/1W/1m	112.5dB/1W/1m
WEIGHT	1.40kg.	1.520kg.	1.72kg.	2.25kg.	2.24kg.
MATERIAL	Die-cast Aluminium Acoustic Head (Flange)				

HSC-40T



HSC-20T



PA COLUMN SPEAKERS

BASS weather and Dust resistant sound columns with well defined sound beaming pattern are ideally suited for : (i) Auditorium sound system to reduce unwanted reflections and acoustic feed-back. (ii) Offer improved speech clarity even under difficult acoustic conditions. HSC-40T & HSC-20T are all Aluminium Case Sound Columns and are with : Extruded aluminium case with die-cast aluminium top and bottom covers. Aluminium mesh grill. Foam Layer under grille to protect speakers from dust. Rotary switch for selecting power taps / Impedance is conveniently located on the bottom cover

HSC-25T



HSC-18T



HSC-15 HSC-15T



HSC-10 HSC-10T



MODEL	POWER HANDLING	SPEAKERS	IMPEDANCE	FREQUENCY RESPONSE	SPL (db)	HOUSING MATERIAL	DIMENSIONS (HxWxD) MM	WEIGHT
HSC-40T	30 W (RMS) 45 W (MAX)	4	300Ω/30W, 500Ω/20W, 1KΩ/10W. 2KΩ/5W	150 - 10000 Hz	111	Extruded Aluminium Cover	910 x 150 x 130	6.900 Kg
HSC-20T	15 W (RMS) 23 W (MAX)	2	670Ω/15W, 1KΩ/10W, 2KΩ/5W, 4KΩ/2.5W	150 - 10000 Hz	105	Extruded Aluminium Cover	460 x 150 x 130	3.530 Kg
HSC-10 HSC-10T	7 W (RMS) 10 W (MAX)	1	With 100V LMT Taps : 10W	150 - 10000 Hz	103	Weather Proof Metal	220 x 165 x 140	2.225 Kg
HSC-15 HSC-15T	15 W (RMS) 20 W (MAX)	2	With 100V LMT Taps : 15W, 10W, 5W	150 - 10000 Hz	107	Weather Proof Metal	440 x 165 x 140	3.930 Kg
HSC-18T	20 W (RMS) 25 W (MAX)	3	With 100V LMT Taps : 20W, 15W, 10W	150 - 10000 Hz	110	Weather Proof Metal	670 x 165 x 148	5.300Kg
HSC-25T	25 W (RMS) 35 W (MAX)	4	With 100V LMT Taps : 25W, 15W, 10W	150 - 10000 Hz	110	Weather Proof Metal	815 x 165 x 140	7.100 Kg

Shock & Weather Proof Versatile PA Horn Speakers

LOW IMPEDANCE 8 OHMS

UHC-15



15 Watts

UHC-25



25 Watts

UHC-30



30 Watts

SUH-15



15 Watts

SUH-25



25 Watts



MODEL	INPUT POWER	IMPEDANCE	FREQUENCY RESPONSE	SPL at 1KHz	WEIGHT	SIZE (WxHxD) MM
HUHC-15	15W RMS /23W Max.	8 Ohms	275-7000 Hz	106dB/1w/1m 118dB/15w/1m	1.42 kg.	205 Ø (245L)
HSUH-15	15W RMS /23W Max.	8 Ohms	275-7000 Hz	106dB/1w/1m 118dB/15w/1m	1.52 kg.	250 x 145 (272L)
HUHC-25	25W RMS /38W Max.	8 Ohms	250-10000 Hz	108dB/1w/1m 122dB/25w/1m	1.93 kg.	274 Ø (295L)
HSUH-25	25W RMS /38W Max.	8 Ohms	250-10000 Hz	108dB/1w/1m 122dB/25w/1m	2.03 kg.	300 x 180 (285L)
HUHC-30	30W RMS /45W Max.	8 Ohms	240-10000 Hz	108dB/1w/1m 123dB/30w/1m	2.70 kg.	310 Ø (285L)

WITH 100V LINE TRANSFORMER

UHC-15T
UHC-15XT



15 Watts

With 100V LMT Taps
15W, 10W, 5W, 2.5W

UHC-25T
UHC-25XT



25 Watts

With 100V LMT Taps
25W, 15W, 10W, 5W

UHC-30XT



30 Watts

With 100V LMT Taps
30W, 25W, 20W, 15W, 10W, 5W

SUH-15T
SUH-15XT



15 Watts

With 100V LMT Taps
15W, 10W, 5W, 2.5W

SUH-25T
SUH-25XT



25 Watts

With 100V LMT Taps
25W, 20W, 15W, 10W, 5W



MODEL	INPUT POWER	IMPEDANCE	FREQUENCY RESPONSE	SPL at 1KHz	WEIGHT	SIZE (WxHxD) MM
HUHC-15T	15W RMS /23W Max.	100V Line	275-7000 Hz	106dB/1w/1m 118dB/15w/1m	1.78 kg.	205 Ø (273L)
HSUH-15T	15W RMS /23W Max.	100V Line	275-7000 Hz	106dB/1w/1m 118dB/15w/1m	1.88 kg.	250 x 145 (300L)
HUHC-25T	25W RMS /38W Max.	100V Line	250-10000 Hz	108dB/1w/1m 122dB/25w/1m	2.34 kg.	274 Ø (315L)
HSUH-25T	25W RMS /38W Max.	100V Line	250-10000 Hz	108dB/1w/1m 122dB/25w/1m	2.44 kg.	300 x 180 (315L)
HUHC-30XT	30W RMS /45W Max.	100V Line	240-10000 Hz	108dB/1w/1m 123dB/30w/1m	2.430 kg.	310 Ø (315L)

DIAPHRAGMS



The high quality Diaphragms used in **Bass** Driver Units are specially shaped, re-inforced phenolic diaphragm with precision voice coil with Aluminium bobbin for good heat dissipation. The rigid assembly offers high acoustical properties and is most indestructible in normal service. The self-centering design requires little skill to replace the diaphragm.

PA REFLEX HORNS

Bass Reflex Horns are made from heavy duty Aluminium Circles, casted parts and heavy Duty Steel bracket to withstand conditions of extreme stress Strain & vibrations. These are acoustically well-designed & are fully matched to **Bass** driver units to ensure reproduction & dispersion of powerful & clear sound. Horns with large Bell dia (21") should be selected for use with High power Driver Units like FM-40 or FM-60 etc.



MODEL	BELL DIA	CUT-OFF FREQ.	WEIGHT
WFA	21"	150 Hz	3.40 Kg
WFA	20"	160 Hz	3.00 Kg
WFB	18"	190 Hz	2.20 Kg

PA Active Speakers



HMP-80 UCE (BT)
75 WATTS (WITH ECHO)



HBC 28 20 WATTS
HBC 28C (WITH ECHO)
HBC 28BTC



CA-15 15 WATTS
CA-15 DP Digital Player



MODEL	HMP-80 UCE (BT)	HBC 28 / HBC 28C / HBC 28BTC
Power Requirement	: AC 220-240 V 50 / 60 Hz : DC 12 V Rechargeable : Battery (In Built)	: AC 220-240 V 50 / 60 Hz : DC 12 V Rechargeable : Battery (In Built)
Power Output	: 75 Watts (Music Power)	: 20 Watts (Music Power)
Input Channels	: 3 Mikes / 1 Aux	: 3 Mikes / 1 Aux
Digital Player	: USB / SD Card Reader / FM / Bluetooth / Recording	: USB / SD Card Reader / FM / Bluetooth / Recording
Frequency Response	: 100 Hz to 15 KHz \pm 3dB	: 100 Hz to 15 KHz \pm 3dB
Tone Control	: Bass & Treble (Cut Type) Bass at 100 Hz - 5 dB Treble at 10 KHz - 5 dB	: Bass & Treble (Cut Type) Bass at 100 Hz - 5 dB Treble at 10 KHz - 5 dB
Ext. Speaker	: 8 Ohms (20 W)	: 8 Ohms (20 W)
Protection	: Wrong Battery Polarity	: Wrong Battery Polarity
Weight (Kg.) Approx.	: 9.900 (with Battery)	: 6.1 Kgs. (with Battery)

MODEL	CA-15 / CA-15 DP
Power Output	15 W RMS
Input Channels	1 x Mic 0.65 mV / 4.7k Ω 1 x Aux 100mV / 470k Ω
Freq. Resp.	150-12,000Hz \pm 3dB
Tone Control	-10dB at 10kHz
Preamp Output	100mV / 600 Ω
Power Supply	AC Mains, DC 12V Car Battery
Dimensions / Wt.	W150 x H460 x D145mm / 3.7kg
Digital Player / FM	MP3 Player with USB, SD & MMC Card Reader



PSX - 1200 BTC 100 WATTS
PA Combo... Keyboard Amp... Guitar Amp...

Power Output	100W RMS at 1% THD 95W RMS at 0.5% THD
Input Channels	3 x Mic 0.65 mV / 4.7 Ω (Mic source impedance 50 Ω -1k Ω) 1 x Aux 100mV / 470k Ω / Tape 1 x Keyboard: 70mV / 750mV / 50k Ω (Stereo Input)
Freq. Resp.	40-20,000Hz \pm 3dB
Tone Control	Bass: \pm 5dB at 100Hz Treble: \pm 5dB at 10Hz
Preamp Output	200mV/600 Ω
Send / Return	250mV/1k Ω 250mV/47k Ω
Power Supply	AC: 220-240V 50/60Hz
Dimensions / Wt.	W420 x H550 x D420mm / 25.00kg
Digital Player With FM	Digital Player with USB Recorder SD, FM & MMC Card Reader+Bluetooth+Cordless Mike

PA Megaphones



HM-21SU



20 WATTS Shoulder Sling Type / Hand Held.

Dry Cell & 12V Car Battery operation. All ABS body, sturdy yet light weight. Built-in Siren, Player USB + AUX input SD/MMC Card Chargeable or Recorder (16 sec.) optional models available Clear sound, long range & efficient design.

Microphone with Volume Control & Press-to-Talk Switch.

Power Output	: 20W Rated / 25W Max.
Voice Range	: 0.5km (1km in quiet Area)
Power Source	: 12V DC, 8 x UM-2 Cells / Car Battery
Microphone	: Omnidirectional Dynamic
Dimensions / Wt.	: Horn Ø230mm, Length 350mm / 2.0kg



PM-90 / PM-90S

20 WATTS ■ Shoulder Sling Type

Dry Cell & 6V Car Battery operation.

All ABS body, sturdy yet lightweight.

Built-in Siren. & Microphone.

Clear sound, long range & efficient design.

Conveniently located Volume Control & Switch.

Power Output	: 16W Rated / 20W Max.
Voice Range	: 0.4km (1km in Quiet Area)
Power Source	: 6V DC, 4 x UM-1 Cells / Motor Bike Battery
Microphone	: Unidirectional Dynamic
Dimensions / Wt.	: Horn Ø250mm, Length 370mm / 2.2kg



PM-99

25 WATTS ■ Super Power Megaphone

Works on UM-1 (large) Dry Cells & 12V Car Battery.

Longer Battery Life due to special circuit design.

Loud & Clear Sound even at long distance.

Additional Speaker can be externally connected for louder, distributed sound.

Supplied with Handheld Dynamic Microphone.

Power Output	: 16W Rated / 25W Max.
Voice Range	: 0.6km (1km in Quiet Area)
Power Source	: 12-14V DC, 8 x UM-1 Cells / Car Battery
Microphone	: Unidirectional 600 ohms
Inputs	: 2 x Mic 4.5mV, 1 x Aux 60mV
Dimensions / Wt.	: W230 x H320 x D220mm / 4.0kg



PM-99CH

25 WATTS ■ Super Power Megaphone

Works on AC mains, rechargeable 12V 7Ah internal battery & 12V Car Battery.

Longer Battery Life due to special circuit design.

Loud & Clear Sound even at long distance.

Additional Speaker can be externally connected for louder, distributed sound. LED indication of charging

Supplied with Handheld Dynamic Microphone.

Power Output	: 16W Rated / 25W Max.
Voice Range	: 0.6km (1km in Quiet Area)
Power Source	: 12-14V DC, 8 x UM-1 Cells / Car Battery
Microphone	: Unidirectional 600 ohms
Inputs	: 2 x Mic 4.5mV, 1 x Aux 60mV
Dimensions / Wt.	: W230 x H360 x D220mm / 4.0kg

PA Speaker Systems

SAX-50DX

50 WATTS



SAX-120DX

100 WATTS



SAX-250DX

200 WATTS



Specifications	SAX-50DX	SAX-120DX	SAX-250DX
Input Power	50W Max.	100W RMS	200W RMS
Freq. Resp.	55-16,000Hz	55-20,000Hz	55-20,000Hz
Nominal Imp.	16Ω	8Ω	8Ω
SPL (1W/am)	96dB	97dB	100dB
Dimensions	W325 x H585 X D240mm	W405 x H515 X D330mm	W405 x H845 X D330mm
Wt.	8.50kg	16.70kg	26.0kg

SAX-150DX

150 WATTS



SAX-300DX

300 WATTS



SAX-400DX

350 WATTS



Specifications	SAX-150DX	SAX-300DX	SAX-400
Input Power	150W Max.	300W RMS	350W RMS
Freq. Resp.	45-20,000Hz	40-20,000Hz	40-20,000Hz
Nominal Imp.	8Ω	8Ω	8Ω
SPL (1W/am)	97dB	100dB	100dB
Dimensions	W510 x H655 X D405mm	W550 x H755 X D425mm	W530 x H840 X D415mm
Wt.	25.5kg	33.0kg	35.00kg

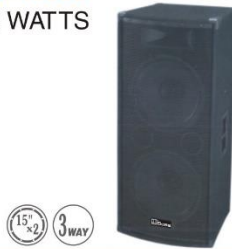
SRX-220

200 WATTS



SAX-15500

500 WATTS



SRM-120

100 WATTS



Specifications	SRX-220	SAX-15500	SRM-120
Input Power	200W RMS	500W RMR	100W RMS
Freq. Resp.	50-20,000Hz	50-20,000Hz	55-20,000Hz
Nominal Imp.	8Ω	8Ω	8Ω
SPL (1W/am)	98dB	101dB	97dB
Dimensions	W490 x H680 x D415mm	W510 x H1135 x D505mm	W425 x H560 x D358mm
Wt.	26.0kg	49.5kg	15.5kg

PA Column Speakers

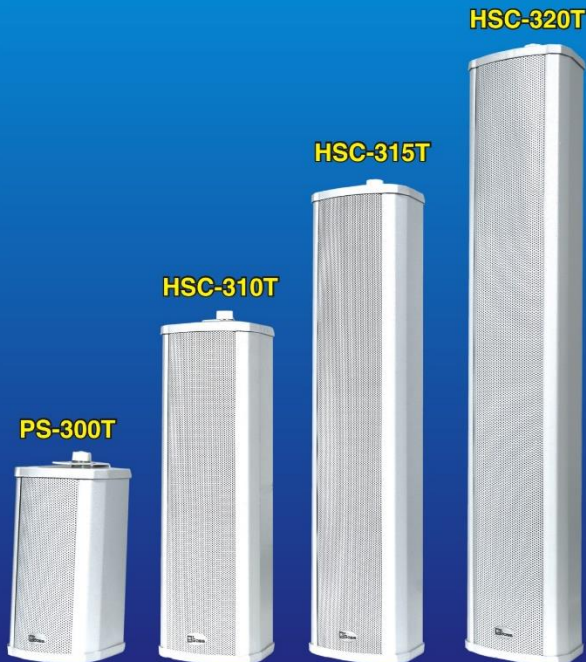


PS-300T / HSC-310T / HSC-315T / HSC-320T

- Slim, compact, aesthetically designed column speakers.
- Off-white colour to integrate with most interiors.
- 100V line matching transformer with different power tap selection

Accessories Included

1. HANDLE 2 Pcs.
2. Plastic Moulded Flower Bolt-2 Pcs.



2 WAY HANDLE INSTALLATION



APPLICATIONS

- ★ Hotel
- ★ Office,
- ★ Garden,
- ★ Restaurant,
- ★ Auditorium,
- ★ Public Areas,
- ★ Lobby/Lounges,
- ★ Place of Worship,
- ★ Educational Institute,
- ★ Lifts,
- ★ Poolside,
- ★ Bars/Pubs,
- ★ Guest Rooms,
- ★ Shopping Arcade,
- ★ Gymnasium/Health Spas,
- ★ Function Areas/Banquet Halls,
- ★ Meeting/Conferencing Rooms,
- ★ Car Parking Areas/Banquet halls.

SPECIFICATION

Model	PS-300T	HSC-310T	HSC-315T	HSC-320T
Input Power	: 5W Rms / 10W Max	: 10W Rms / 15W Max	: 15 Rms / 23W Max	: 20 Rms / 30W Max
Power Taps (Selector)		: 10W/7.5W/5W	: 15W / 10W/7.5W	: 20W / 15W/10W/5W
Imp./Voltage	: 4Ω / 100V	: 4Ω / 100V	: 8Ω/100V	: 16Ω/100V
Freq. Resp.	: 150-20,000Hz	: 150-20,000Hz	: 150-15000Hz	: 150-15000Hz
Speakers	: 1 x 3" x 5" + Piezo	: 2 x 3" x 5" + Piezo	: 3 x 3" x 5" + Piezo	: 4 x 3" x 5" + Piezo
Dim. (mm)	: W110 x H195 x D89	: W110 x H389 x D89	: W110 x H524 x D89	: W110 x H658 x D89
Wt.	: 1.340 kg.	: 2.340 kg.	: 3.300	: 4.300kg.

Mobile Built in High Power Horn Speaker

BHU-50 50 WATTS



BHU-30 30 WATTS



BHU-75 75 WATTS



MODEL	BHU-50	BHU-30	BHU-75
INPUT POWER	50 Watts	30 Watts	75 Watts
IMPEDANCE	16-ohms	8-ohms	8-ohms
FREQUENCY RESPONSE	160-7000 Hz	275-7000 Hz	275-7000 Hz
SIZE (WxHxDx) MM	W 145 x H 115 x L 170	W 185 x H 140 x L 230	W 210 x H 170 x L 270
WEIGHT	2.300kg. (With clamp)	1.950kgs.	2.950kgs.
MATERIAL	Die-cast Aluminium Acoustic Head (Flange) & Unit Cover (Cup)	ABS (Plastic)	ABS (Plastic)

Mobile Hooter With Siren

MH-75 75 WATTS



MH-50 50 WATTS



MODEL	MH-75	MH-50
POWER OUTPUT	75 Watts (Max)	50 Watts (Max)
POWER SOURCE	12V DC Car Battery	12V DC Car Battery
SIREN	Toggle Switchable Two Tone Siren Facility with fire, Ambulance	Toggle Switchable Two Tone Siren Facility with fire, Ambulance
DIMENSIONS (mm)	W 210 x H 170 x L 270	W 185 x H 140 x L 230
WEIGHT	3.050kgs.	2.050kgs.
MATERIAL	ABS (Plastic)	ABS (Plastic)

PA Mobile Amplifier With Siren

MPA-50



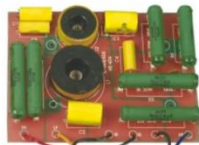
SPECIFICATIONS	MPA-50
Power Sources	: 12V DC Car Battery
Power Output	: 30 Watts (Max)
Freq. Response	: 150 Hz-10,000 Hz \pm 3db
Input Sensitivity	: 1 Mics 1mV/1K Ohm
Speaker Output	: 8-Ohms
Siren	: Three Tone Rotable Siren Facility With Volume Control
Dimensions (mm)	: W150 x H80 x D145
Weight	: 725 gms

Crossover Networks

HCN-300/200



HCN-350/450



HCN-500/750



HCN-600/450



SPECIFICATIONS	HC-300/200	HC-350/450	HC-500/750	HC-600/450
Power Capacity	300W	350W	500W	600W
Crossover Freq.	4kHz	2kHz	1.2kHz	2.5kHz
Nominal Imp	8 Ω	8 Ω	8 Ω	4 Ω
Dimensions	W146xH32xD95mm	W187xH32xD141mm	W225xH35xD169mm	W180xH32xD150mm
Wt.	0.3kg	0.7kg	1.2kg	0.9kg

PA Microphone Stands / Speaker Stand

SPEAKER STAND



BMS-101



DGN



DGT



HTS-5



SS-50



SS-25

Model	Type	Height	Base Dia.	Weight
BMS-101	Boom Stand	80-150 cm	65 cm	2.4kg
DGT	Table Stand	35-53 cm	15 cm	1.9kg
DGN	Floor Stand	92-150 cm	23 cm	4.6kg
HTS-5	Desk Stand	13 cm	12 cm	0.760kg

MODEL	SS-50	SS-25
MAX. HEIGHT	2,010mm (79")	1,380 mm (54 1/2")
MIN. HEIGHT	1,429 mm (56")	980 mm (38 1/2")
SEMI DIAMETER	685 mm (27")	470 mm (18 1/2")
MAX. WEIGHT HOLDING	50 Kg	25 Kg
WEIGHT	9,800 Kgs	8,000 Kgs

PA Microphones



CB-100

Professional dynamic microphone for mobile applications. Close-to-lip speaking to avoid background noise. Flexible coiled cord for easy extension of wire length.

Freq. Resp. : 200-6,000Hz
Sensitivity : 2.3mV/Pa
Impedance : 500Ω



HGN-500



Robust construction and excellent performance. On / Off switch, XLR connector and 6 mtrs. cable.

Freq. Resp. : 50-15,000Hz
Sensitivity : 2.2mV/Pa
Impedance : 500Ω
Length : 250mm (10")



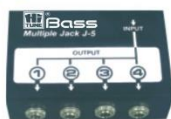
HCM-66



Paging microphone with 10" gooseneck. Can be used free standing or wall mounted. Aluminium die-cast base with two push switches for locked and momentary use.

Freq. Resp. : 70-13,000Hz
Sensitivity : 2.0mV/Pa
Impedance : 500Ω

J-5 MULTIPLE JACK

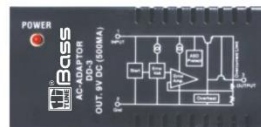


A multiple jack for increasing the number of possible sound variations.

DIMENSIONS : W100 x H36 x D72 mm
WEIGHT : 270 gms

DD-3

AC ADAPTOR



• IN : 220-240V • OUT : 9V-200mA

UDM-50

Economy Microphones for Speech & Announcements



Freq. Resp. : 150-10,000 Hz.
Sensitivity : 2mV/Pa.
Impedance : 600 Ohms
UDM-50 : Supplied with 5 mtrs. (16ft.) Dedicated screened cable

- Design and Specifications are subject to change without notice owing to continuous product up-gradation.
- Technical specifications are subject to production tolerances.
- We cannot be held responsible for printing errors, should they occur.

WARNING

In the market Spurious/Duplicate sub-standard Amplifiers, Mixers, Echo Amplifiers, Digital Delays, Sound Columns, Driver Units, Microphones etc. are being passed off as genuine **Hitone Bass** Products.

* Use of **Hitone Bass** Logo in any form is unlawful.

BE VERY CAREFUL

- Obtain your requirements from AUTHORISED **Hitone Bass** DEALERS only.
- Manufacture & sale of Spurious/Duplicate Products is illegal and Punishable Under Law.

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