

[B<sub>4</sub>]<sup>®</sup>

BETA FOUR

Professional Sound System

PRECISION REDEFINED

[B<sub>4</sub>]<sup>®</sup>  
BETA FOUR  
ISO 9001:2008

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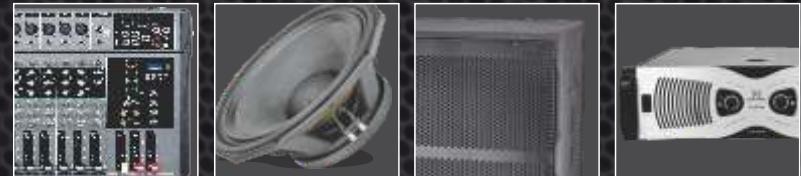
As the products are being improved, design and specifications are subject to change without notice owing to continuous up-gradation. Technical specifications are subject to production tolerances.

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Be careful of the Duplicate/Spurious Products in the Market. Ensure BetaFour Hologram and Authorised dealer certificate .

#C03 | 20190518B4



PRODUCT CATALOGUE

www.betafour.in

Devotion to provide the perfect sound is embedded in the core values of our brand BetaFour, since the past 15 years.

Our Specialization in producing Speakers, Sound Columns, PA/DJ Amplifiers and Audio-Peripheral Equipments is the result of the hard work and dedication of our team.

Considering how rapidly the technology is changing nowadays, we ensure to stay flexible in order to adapt and evolve. Hence, justifying our global standards.

Our essential focus is innovation, which empower us to provide amazing features combined with a user-friendly and ergonomic approach for the end-user. From raw materials to finished goods, every detail is strictly checked to ensure precision, reliability and quality.

**All models in the product line are engineered to offer sound reinforcement professionals solutions to meet nearly any challenge. Each model is compatible with other, both mechanically and acoustically.**

**Delivers premium-quality audio in performance.**

HIGH PERFORMANCE

PRECISION COVERAGE

WIDE RANGE OF APPLICATIONS

PROGRESSIVE WAVE GUIDES

UNSUPRASSED [B<sub>4</sub>] ENGINEERING

ADVANCED TECHNOLOGY COMPONENTS

## Passive PA & DJ Wooden Speaker System

D IN WIDE RANGE OF APPLICATIONS  
TOUGH, NO RESONANT HANDLES AND STEEL GRILLE  
CONSTRUCTED OF HIGH QUALITY HARDCORE PLYWOOD WITH [B<sub>4</sub>] TECHNIQUE OF HIGH QUALITY TEXTURE PAINT FINISH  
(RESISTANT AGAINST SPLASH OF WATER, SCRATCH AND HIGH TEMPERATURE)



OPTIONAL

ALL MODELS WITH SAME DESIGN AND SPECIFICATIONS ARE ALSO AVAILABLE IN PREMIUM-GRADE CARPET FINISHING.

- For light weight, all cabinet models are also customized in birch plywood.
- Different colour variants for texture paint is customized as per demand.
- Flying versions of the RTX two way models are also available for the convenience of detachable track fittings for portable applications.

# BATTERY PORTABLE SPEAKER SYSTEM

## ST- 3312

12" 200W • AC/DC/Inbuilt Batt

- ◆ 3-way operating mode: External Battery Operation & Inbuilt Battery Operation.
- ◆ Inbuilt Rechargeable Battery (1x 12aH), 220V AC operation.
- ◆ Total 7 Input Channels: 2x Long Distance (50m) UHF Wireless Mic (Metal housing), 4x Wired Mic inputs through XLR phone jack & 1x Aux Input L+R through RCA socket.
- ◆ Inbuilt Echo Effect & Delay.
- ◆ Built-in MP3 Player with USB Recorder, Bluetooth, Aux with Remote Control.
- ◆ Wooden MDF construction with textured paint finish for luxury outlook.
- ◆ Inbuilt wooden top handle embedded in the design, with adjustable trolley and wheels for ease of mobility.
- ◆ Experience live singing with the inbuilt Karaoke feature through ON/OFF switch.
- ◆ Precise control settings: Mic vol. 1, Mic vol. 2, Mic bass, Mic treble, Echo, Delay, Music bass, Music treble, Guitar vol / Mic 3 & Mic 4, Music vol.

## ST- 3315

15" 300W • AC/DC/Inbuilt Batt



## PERIPHERAL DEVICES

**BEQ-215** 2x15 Band Stereo Graphic Equalizer



**BEQ-234XL** 2/3/4 Way Crossover



**BDR-260** Loudspeaker Management System



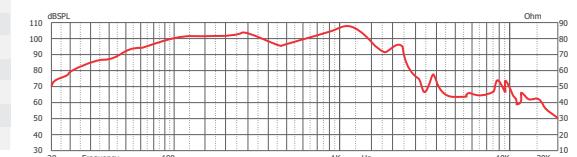
# PRECISION TRANSDUCER

## PD-1860

18" 2000W - 5" VOICE COIL  
EXPLOSIVE BASS

### SPECIFICATION

Nominal Diameter	18 Inch
Rated Impedance	8 Ohms
Power Capacity	2000Watts RMS
Sensitivity	96 dB
Frequency Range	30Hz - 3KHz
Voice Coil Diameter	5 Inch
Voice Coil Material	Tin/Copper In/Out Winding
Magnet Size	274x140x25mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper



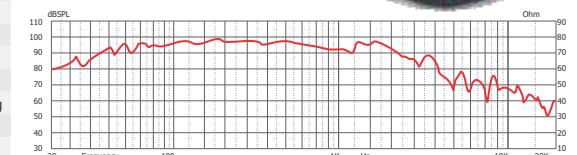
## TB 100/200

18" 1200W - 4" VOICE COIL

18" 1500W - 4.5" VOICE COIL

### SPECIFICATION TB 100

Nominal Diameter	18 Inch	18 Inch
Rated Impedance	8 Ohms	8 Ohms
Power Capacity	1200Watts RMS	1500Watts RMS
Sensitivity	96 dB	98 dB
Frequency Range	35Hz - 2KHz	30Hz - 1KHz
Voice Coil Diameter	99.3mm/4 Inch	4.5 Inch
Voice Coil Material	Tin/Copper In/Out	Tin/Copper In/Out
Magnet Size	220x120x25 mm	220x120x30 mm
Magnet Type	Ferrite	Ferrite
Frame	Aluminium Casting	Aluminium Casting
Cone Type	Pulp Paper	Pulp Paper
Dual/Sust Cap	Pulp Paper	Pulp Paper

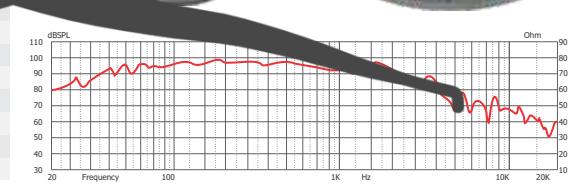


## 18 FTL-1500

18" 1500W - 4.5" VOICE COIL

### SPECIFICATION

Nominal Diameter	18 Inch
Rated Impedance	8 Ohms
Power Capacity	1500Watts RMS
Sensitivity	96 dB
Frequency Range	35Hz - 3KHz
Voice Coil Diameter	99.3mm/4.5 Inch
Voice Coil Material	Tin/Copper In/Out Winding
Magnet Size	220x120x30 mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper



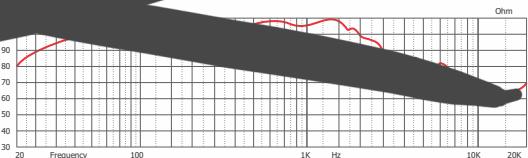
# PRECISION TRANSDUCER

## 18 FTL-1200

18" 1200W - 4" VOICE COIL

### SPECIFICATION

Nominal Diameter	18 Inch
Rated Impedance	8 Ohms
Power Capacity	1000Watts RMS
Sensitivity	97 dB
Frequency Range	30Hz - 2KHz
Voice Coil Diameter	99.3 mm/4 Inch
Voice Coil Material	Tin/Flat Wire
Magnet Size	220x110x25 mm
Magnet Type	Ferrite
Frame	Aluminum Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper

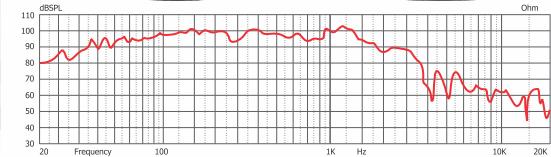


## P180-2242S

18" 1000W-1200W, 4" VOICE COIL

### SPECIFICATION

Nominal Diameter	18 Inch
Rated Impedance	8 Ohms
Power Capacity	1000-1200Watts RMS
Sensitivity	98 dB
Frequency Range	30 Hz - 500 Hz
Voice Coil Diameter	99.3 mm/4 Inch
Voice Coil Material	Tin/Copper in/out
Magnet Size	220x110x25 mm
Magnet Type	Ferrite
Frame	Aluminum Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper

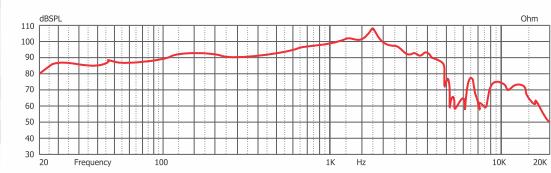


## C 18-1000

18" 1000W, 4" VOICE COIL  
HIGH POWER BASS

### SPECIFICATION

Nominal Diameter	18 Inch
Rated Impedance	8 Ohms
Power Capacity	1000Watts RMS
Sensitivity	96 dB
Frequency Range	40 Hz - 1600 Hz
Voice Coil Diameter	99.3 mm/4 Inch
Voice Coil Material	Tin/Copper in/out
Magnet Size	220x110x25 mm
Magnet Type	Ferrite
Frame	Aluminum Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper



# DUAL 12" LINE ARRAY SPEAKER SYSTEM

## RLA- 2129

(1000Watts Max)



The RLA Series features premium grade texture paint finishing in 18mm plywood enclosure. The Horn design delivers smooth, natural reproduction. 16 gauge steel grill protects the transducers.

Dual 12" high performance transducers with compression driver designed for live performance, speech reinforcement, high-end music and DJ programmes.

**Suspension and Rigging-** The system is equipped with integral rigging hardware that allows the enclosures to be quickly and securely locked to one another by simply swinging a hinged bar into place and securing it with the included quick release pins. The optional array frame attaches to the rigging hardware of each enclosure providing an easy to use, elegant suspension system for flown arrays.

It's affordable and flexible design provides outstanding coverage and output coherence, while delivering extraordinary power handling and clarity.

## JLA- 2120

(1200Watts)



Beta Four has continued the tradition of revolutionary technology with the introduction of LINE ARRAY Series. A flexible, high performance product line with compact-midsized line array elements.

It's the ideal solution to a broad range of sound reinforcement challenges for both portable rental inventories, concert touring & fixed performance venues.

**Enclosure Technology** with premium grade ply-wood construction with texture paint finishing offers rigid enclosure characteristics in an advanced composite shell.

**Advanced Transducers-** Two 12" full range 400 watts each with high grade magnet and 2x100 watts Compression Driver enables the exceptionally high output characteristics, While ensuring pristine, low distortion audio reproduction for any type of speech or music.

**Array Frame-** The model is fitted with integral end-mounted rigging frames. These frames coupled together using quick release pins and hinge bass to create arrays that are rigid for maximum strength, flexible in design and application.

### SPECIFICATION

	RLA 2129	JLA 2120
<b>System Type</b>	Dual 12" Two Way Bass Reflex	Dual 12" Two Way Bass Reflex
<b>Power Rating</b>	1000Watts	1200Watts
<b>Frequency Response</b>	40Hz-20KHz	38Hz-20KHz
<b>Sensitivity SPL 1W/1M</b>	LF: 98dB, HF: 114dB	LF: 99dB, HF: 118dB
<b>Nominal Impedance</b>	4Ω	4Ω
<b>Low Freq. Speaker</b>	2x12" 400/600Watt each AL Frame, 3" Voice Coil High grade Ferrite Magnet	2x12" 600Watt each AL Frame, 3" Voice Coil High grade Ferrite Magnet
<b>High Freq. Unit</b>	1x (80W) Compression Driver	2x (60W/80W/100W) Compression Driver
<b>Crossover Protection</b>	Passive Network for HF Driver	Passive Network for HF Driver
<b>Input Connectors</b>	2xSpeakon N14	2xSpeakon N14
<b>Dimensions</b>	W1016mm(40") x H355mm(14") x D457mm(18")	W1041mm(41") x H381mm(15") x D508mm(20")
<b>Weight (Kg)</b>	48Kg	50Kg

# TWO WAY BASS REFLEX

**RTX-1154**

**RTX-1156**

**RTX-1150**

(350Watts)

(700Watts)

(1000Watts)

## Single 15" Two Way

The RTX 115 Series from [B4] Beta Four Single15" bass reflex consist of three models, each with distinct characteristics & applications. RTX 115 series offers highest level of performance available from a portable pole or tripod mountable speaker. Woofer equipped with high grade magnet, high quality compression driver makes the best choice for general purpose sound reinforcement, live performance, music playback or speech. When the application call for increased low frequency extension add the [B4] 218 series sub-woofer. Large open ducts minimize port turbulence and the heavily braced enclosure assure tight, solid bass.

CONSTRUCTED OF TOP QUALITY HARDCORE PLYWOOD WITH HIGH QUALITY SAND TEXTURE PAINT FINISH.

WRAP AROUND 16-GAUGE STEEL GRILL LINED WITH ACOUSTICALLY TRANSPARENT FOAM FOR PROTECTION AND APPEARANCE.

AFFORDABLE, ADVANCE DESIGN IN ITS CLASS.



**RTX-1122** **RTX-1124** **RTX-1126**

(250Watts)

(400Watts)

(600Watts)

## Single 12" Two Way

The RTX (1122, 1124, 1126) is a trapezoidal single 12" two way speaker system for use in live sound, dance, music, speech reinforcement and portable addressing system. It's compact size provides outstanding coverage and output coherence, while delivering clarity and flexibility of handling power up to 600 watts. "[B4] Beta Four" 112 Series fitted with high quality 12" LF speaker and high compression driver and is available in three different models each with distinct characteristics and applications.



### SPECIFICATION

	<b>RTX-1154</b>	<b>RTX-1156</b>	<b>RTX-1122</b>	<b>RTX-1124</b>
<b>System Type</b>	Single 15" 2 way bass reflex subwoofer	Single 15" 2 way bass reflex subwoofer	Single 12" 2 way bass reflex	Single 12" 2 way bass reflex
<b>Power Rating (Continuos)</b>	350 Watt	700 Watt	250 Watt	400 Watt
<b>Frequency Response</b>	40Hz-20000KHz	38Hz-20000KHz	60Hz-20KHz	55Hz-20KHz
<b>Sensitivity SPL 1W/1M</b>	99 db	103 db	96 db	99 db
<b>Nominal Impedance</b>	8Ω	8Ω	8Ω	8Ω
<b>Low Freq. Speaker</b>	1x15" 350 Watt Speaker, AL Frame, 3" voice coil, 190x90x25(mm) magnet	1x15" 600 Watt Speaker, AL Frame, 4" voice coil, 220x110x25(mm) magnet	1x12" 200 Watt Speaker, MS Frame, 2" voice coil, 155x60x20(mm) magnet	1x12" 350 Watt Speaker, AL Frame, 2½" voice coil, 160x80x20(mm) magnet
<b>High Freq. Unit</b>	1xHorn 8"x12" with 60 watt HF Driver, Titanium diaphragm	1xHorn 8"x12" with 60 watt HF Driver, Titanium diaphragm	1xHorn 10"x4" with 40 watt Neodymium HF driver	1xHorn 8"x12" with 60 watt HF driver, Titanium Diaphragm
<b>Crossover Protection</b>	Inbuilt for HF Driver	Inbuilt for HF Driver	Inbuilt for HF Driver	Inbuilt for HF Driver
<b>Port</b>	Free Flow Flared	Free Flow Flared	Free Flow Flared	Free Flow Flared
<b>Input Connectors</b>	2x Speakon NL4	2x Speakon NL4	2x Speakon NL4	2x Speakon NL4
<b>Dimensions</b>	Width (Front) : 469mm (18½" in) Width (Back) : 304mm (12" in) Height : 736mm (29" in) Depth : 394mm (15½" in)	Width (Front) : 469mm (18½" in) Width (Back) : 304mm (12" in) Height : 736mm (29" in) Depth : 394mm (15½" in)	Width (Front) : 409mm (16" in) Width (Back) : 254mm (10" in) Height : 584mm (23" in) Depth : 330mm (13" in)	Width (Front) : 409mm (16" in) Width (Back) : 254mm (10" in) Height : 584mm (23" in) Depth : 330mm (13" in)
<b>Weight (Kg)</b>	32 Kg	34 Kg	16.5 Kg	18 Kg

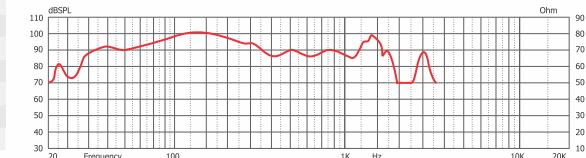
# PRECISION TRANSUDER

**PRECISION-18XE**

18" 1000W - 4" VOICE COIL

### SPECIFICATION

<b>Nominal Diameter</b>	18 Inch
<b>Rated Impedance</b>	8 Ohms
<b>Power Capacity</b>	1000Watts RMS
<b>Sensitivity</b>	96 dB
<b>Frequency Range</b>	38 Hz - 1800 Hz
<b>Voice Coil Diameter</b>	99.3 mm/4 Inch
<b>Voice Coil Material</b>	Til/Copper in/out
<b>Magnet Size</b>	220x10x25 mm
<b>Magnet Type</b>	Ferrite
<b>Frame</b>	Aluminium Casting
<b>Cone Type</b>	Pulp Paper
<b>Dual/Dust Cap</b>	Pulp Paper

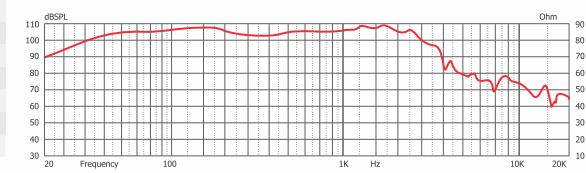


**PD 1550**

15" 1000W - 4" VOICE COIL

### SPECIFICATION

<b>Nominal Diameter</b>	15 Inch
<b>Rated Impedance</b>	8 Ohms
<b>Power Capacity</b>	1000Watts RMS
<b>Sensitivity</b>	99 dB
<b>Frequency Range</b>	40Hz - 2KHz
<b>Voice Coil Diameter</b>	4 Inch
<b>Voice Coil Material</b>	Til/Copper In/Out Winding
<b>Magnet Size</b>	220x25 mm
<b>Magnet Type</b>	Ferrite
<b>Frame</b>	Aluminium Casting
<b>Cone Type</b>	Pulp Paper
<b>Dual/Sust Cap</b>	Pulp Paper

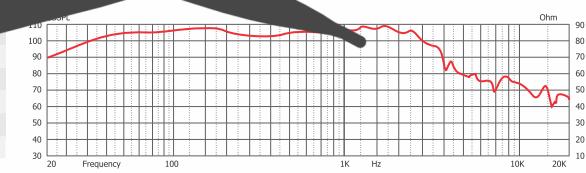


**15 BNC**

15" 1000W, 4" VOICE COIL

### SPECIFICATION

<b>Nominal Diameter</b>	15 Inch
<b>Rated Impedance</b>	8 Ohms
<b>Power Capacity</b>	1000Watts RMS
<b>Sensitivity</b>	99 dB
<b>Frequency Range</b>	35 Hz - 4000 Hz
<b>Voice Coil Diameter</b>	99.3 mm/4 Inch
<b>Voice Coil Material</b>	TIL, IN-OUT
<b>Magnet Size</b>	220x10x25 mm
<b>Magnet Type</b>	Ferrite
<b>Frame</b>	Aluminium Casting
<b>Cone Type</b>	Pulp Paper, Triple Roll
<b>Dual/Dust Cap</b>	Pulp Paper



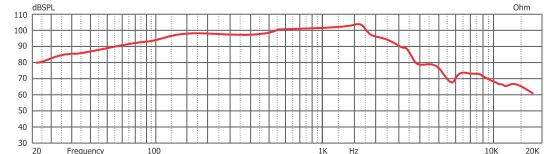
# PRECISION TRANSDUCER

## P15-2228

15" 600-1000W - 4" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	600-1000Watts RMS
Sensitivity	97 dB
Frequency Range	40Hz - 2KHz
Voice Coil Diameter	4 Inch
Voice Coil Material	Tl/CCA In/Out Winding
Magnet Size	220x110x20 mm (Y-35)
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/SUst Cap	Pulp Paper

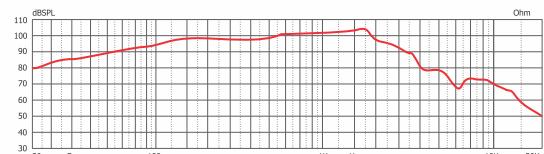


## PRECISION 15 XE

15" 800W, 4" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	800Watts RMS
Sensitivity	98 dB
Frequency Range	30 Hz - 1600 Hz
Voice Coil Diameter	99.3 mm/4 Inch
Voice Coil Material	Tl, IN-OUT, CCAW
Magnet Size	220x110x25 mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper, Triple Roll
Dual/Dust Cap	Pulp Paper

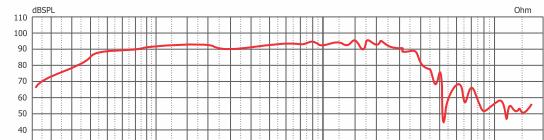


## BM-500

15" 500W, 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	400-500Watts RMS
Sensitivity	97 dB
Frequency Range	50 Hz - 3000 Hz
Voice Coil Diameter	76.2 mm/3Inch
Voice Coil Material	Tl/CCA
Magnet Size	190x90x20 mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper



## DUAL 12" TWO WAY BASS REFLEX

### RTX-2124 RTX-2126 RTX-2128

(450Watts) (700Watts) (1000Watts)

- ◆ CONSTRUCTED OF TOP QUALITY HARDCORE PLYWOOD WITH [B4] TECHNIQUE OF HIGH QUALITY TEXTURE PAINT FINISH (RESISTANT AGAINST SPLASH OF WATER, SCRATCH AND HIGH TEMPERATURE)
- ◆ WRAP-AROUND 16-GAUGE STEEL GRILL LINED WITH ACOUSTICALLY TRANSPARENT FOAM FOR PROTECTION AND APPEARANCE.
- ◆ AFFORDABLE, ADVANCED DESIGN IN ITS CLASS.
- ◆ DESIGNED WITH STEEL SIDE HANDLES FOR EASE OF MOBILITY.



### KEY FEATURES

The RTX 212 Series from [B4] Beta Four double 12" bass reflex consists of three models, each with distinct characteristics & applications. Taking a page from high performance automobile design, [B4] filled the smallest cabinet with the highest possible power capacity. Especially suited for subwoofer-equipped systems the RTX 212 series delivers very high acoustic output from a compact, easily transported system. A pair of 12" Drive woofer handles continuous power upto 800 watts. Top these of with the high quality compression driver, & you have big PA performance that fits easily into a sport utility vehicle. Large open ducts minimize port turbulence and the heavily braced enclosure assures smooth & clear performance.

### SPECIFICATION

	RTX-2124	RTX-2126	RTX-2128
<b>System Type</b>	Dual 12" 2 way bass reflex	Dual 12" 2 way bass reflex	Dual 12" 2 way bass reflex
<b>Power Rating (Continuos)</b>	450 Watt	700 Watt	1000 Watt
<b>Frequency Response</b>	50Hz-20KHz	45Hz-20KHz	45Hz-20KHz
<b>Sensitivity SPL 1W/1M</b>	100 db	102 db	102 db
<b>Nominal Impedance</b>	4Ω	4Ω	4Ω
<b>Low Freq. Speaker</b>	2x12" 200 Watt each Speaker, MS Frame, 2" voice coil, 155x60x20(mm) magnet	2x12" 300 Watt each Speaker, AL Frame, 3" voice coil, 155x80x20(mm) magnet	2x12" 400 Watt Speaker, AL Frame, 3" voice coil, 180x85x20(mm) magnet
<b>High Freq. Unit</b>	1xHorn 10"x4" with 40 watt Neodymium HF driver	1xHorn 8"x12" with 60 watt HF driver, Titanium Diaphragm	1xHorn 8"x12" with 60 watt HF driver, Titanium Diaphragm
<b>Crossover Protection</b>	For HF Driver	For HF Driver	For HF Driver
<b>Port</b>	Free Flow Flared	Free Flow Flared	Free Flow Flared
<b>Input Connectors</b>	2x Speakon NL4	2x Speakon NL4	2x Speakon NL4
<b>Dimensions</b>	Width (Front) : 444mm (17½" in) Width (Back) : 292mm (11½" in) Height : 1041mm (41" in) Depth : 381mm (16" in)	Width (Front) : 444mm (17½" in) Width (Back) : 292mm (11½" in) Height : 1041mm (41" in) Depth : 406mm (16" in)	Width (Front) : 444mm (17½" in) Width (Back) : 292mm (11½" in) Height : 1041mm (41" in) Depth : 447mm (18" in)
<b>Weight (Kg)</b>	37 Kg	50 Kg	44 Kg

# DUAL 15" TWO WAY BASS REFLEX

**RTX-2506 RTX-2508 RTX-2512 RTX-2520**  
 (700Watts) (900Watts) (1300Watts) (2000Watts)

- ◆ CONSTRUCTED OF TOP QUALITY HARDCORE PLYWOOD WITH [B4] TECHNIQUE OF HIGH QUALITY TEXTURE PAINT FINISH (RESISTANT AGAINST SPLASH OF WATER, SCRATCH AND HIGH TEMPERATURE)
- ◆ WRAP-AROUND 16-GAUGE STEEL GRILL LINED WITH ACOUSTICALLY TRANSPARENT FOAM FOR PROTECTION AND APPEARANCE.
- ◆ AFFORDABLE, ADVANCED DESIGN IN ITS CLASS.
- ◆ DESIGNED WITH STEEL SIDE HANDLES FOR EASY HANDLING.
- ◆ EMBOSSED WITH BRAND NAME LOGO ON BOTH SIDE OF COLUMN.

## KEY FEATURES

The RTX Series from [B4] Beta Four dual 15" bass reflex consists of four models, each with distinct characteristics & applications. RTX 215 series is built to deliver smooth, clean, accurate, distortion free sound. For the ultimate in performance and simplicity, a pair of 15" mid bass speakers delivers high-level music and powerful bass. Drivers handling an amazing power upto 2000 watts of continuous power. Large open ducts minimize port turbulence and the heavily braced enclosure assure tight, solid bass along with this the finest compression driver provides smooth, clear mids and highs.



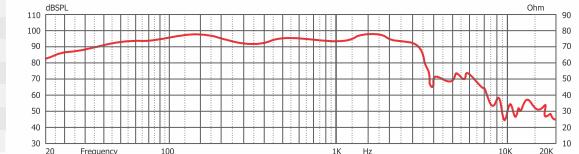
# PRECISION TRANSDUCER

## 15SD-400

15" 400W - 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	400Watts RMS
Sensitivity	96 dB
Frequency Range	50Hz - 3KHz
Voice Coil Diameter	3 Inch
Voice Coil Material	Ti/Copper In/Out Winding
Magnet Size	190x90x25 mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Sust Cap	Pulp Paper

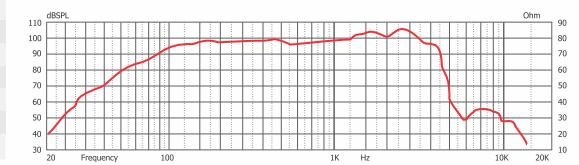


## 15 LB 400

15" 400W, 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	400Watts RMS
Sensitivity	98 dB
Frequency Range	50 Hz - 3500 Hz
Voice Coil Diameter	76.2 mm/3 Inch
Voice Coil Material	Ti/Copper
Magnet Size	190x90x25 mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper

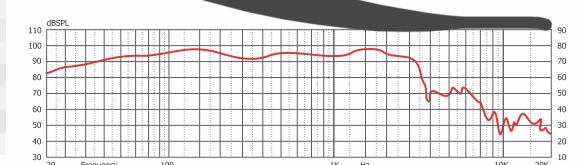


## 15 FTL

15" 400W, 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	400Watts RMS
Sensitivity	97 dB
Frequency Range	50 Hz - 2500 Hz
Voice Coil Diameter	76.2 mm/3 Inch
Voice Coil Material	Ti/CW
Magnet Size	190x90x25 mm
Magnet Type	Ferrite
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Dust Cap	Pulp Paper



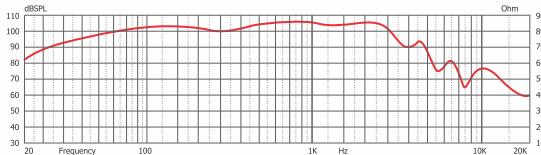
# PRECISION TRANSDUCER

## P15 400

15" 400W, 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	400Watts RMS
Sensitivity	99 dB
Frequency Range	50 Hz - 2500 Hz
Voice Coil Diameter	76.2 mm/3 Inch
Voice Coil Material	TIL/CCAW
Magnet Size	190x90x25 mm
Magnet Type	Ferrite
Frame	Aluminum Casting
Cone Type	Pulp Paper, Triple Roll
Dual/Dust Cap	Pulp Paper

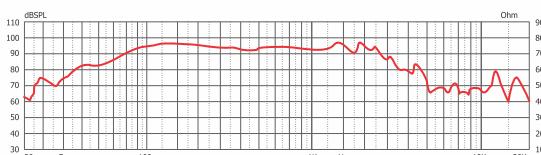


## V12 - 500/600

12" 500W - 3" VOICE COIL  
12" 600W - 3" VOICE COIL

### SPECIFICATION V12-500 V12-600

Nominal Diameter	12 Inch	12 Inch
Rated Impedance	8 Ohms	8 Ohms
Power Capacity	500 Watts RMS	600 Watts RMS
Sensitivity	96 dB	95 dB
Frequency Range	50Hz - 3KHz	50Hz - 3KHz
Voice Coil Diameter	76.2mm/3 Inch	76.2mm/3 Inch
Voice Coil Material	Til Fibre Glass	Til Fibre Glass
Magnet Size	190x90x25 mm	190x90x25 mm
Magnet Type	Ferrite	Ferrite
Frame	AI Casting	AI Casting
Cone Type	Pulp Paper Double Roll	Pulp Paper
Dual/Dust Cap	Pulp Paper	Pulp Paper

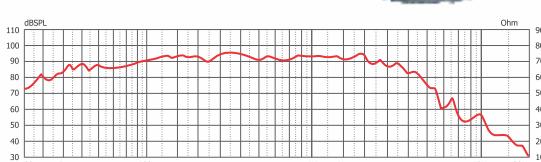


## V12 - 300/400

12" 300W - 3" VOICE COIL  
12" 400W - 3" VOICE COIL

### SPECIFICATION V12-300 V12-400

Nominal Diameter	12 Inch	12 Inch
Rated Impedance	8 Ohms	8 Ohms
Power Capacity	300 Watts RMS	400 Watts RMS
Sensitivity	95 dB	95 dB
Frequency Range	60Hz - 3KHz	60Hz - 3KHz
Voice Coil Diameter	76.2mm/3 Inch	76.2mm/3 Inch
Voice Coil Material	Til CCA In/Out	Til CCA In/Out
Magnet Size	180x20 mm	180x20 mm
Magnet Type	Ferrite	Ferrite
Frame	AI Casting	AI Casting
Cone Type	Pulp Paper Double Roll	Pulp Paper
Dual/Dust Cap	Pulp Paper	Pulp Paper



# SINGLE 18" ONE WAY BASS REFLEX SUBWOOFER



## RTX-1181

(1000Watts)

## RTX-1182

(1200Watts)

## RTX-1185

(1500Watts)

### KEY FEATURES

The RTX 118 Series from [B4] Beta Four Single18" bass reflex subwoofer consist of three models, each with distinct characteristics & applications. RTX 118 Subwoofer compact design is equally at home as a small, high performance satellite subwoofer system or as a building block for large subwoofer arrays. Drivers handling an amazing power upto 2000 watts of continuous power. Large open ducts minimize port turbulence and the heavily braced enclosure assure tight, solid bass.

- ◆ CONSTRUCTED OF TOP QUALITY HARDCORE PLYWOOD WITH [B4] TECHNIQUE OF HIGH QUALITY TEXTURE PAINT FINISH (RESISTANT AGAINST SPLASH OF WATER, SCRATCH AND HIGH TEMPERATURE)
- ◆ WRAP-AROUND 16-GAUGE STEEL GRILL LINED WITH ACOUSTICALLY TRANSPARENT FOAM FOR PROTECTION AND APPEARANCE.
- ◆ AFFORDABLE, ADVANCED DESIGN IN ITS CLASS.
- ◆ DESIGNED WITH SIDE HANDLES FOR EASE OF MOBILITY AND TRANSPORTATION.

SPECIFICATION	RTX-1181	RTX-1182	RTX-1185
<b>System Type</b>	Single 18"	Single 18"	Single 18"
<b>bass reflex subwoofer</b>		bass reflex subwoofer	bass reflex subwoofer
<b>Power Rating (Continuos)</b>	1000Watt	1200Watt	1500Watt
<b>Frequency Response</b>	36Hz-200Hz	34Hz-200Hz	32Hz-220Hz
<b>Sensitivity SPL 1W/1M</b>	98 db	99 db	99 db
<b>Nominal Impedance</b>	8Ω	8Ω	8Ω
<b>Low Freq. Speaker</b>	1x18" Speaker 1000 Watt, AL Frame, 4" voice coil, 220x110x25(mm) magnet	1x18" Speaker 1400 Watt, AL Frame, 4½" voice coil, 220x110x30(mm) magnet	1x18" Speaker 1500 Watt, AL Frame, 5" voice coil, 274x140x25(mm) magnet
<b>High Freq. Unit</b>	N/A	N/A	N/A
<b>Crossover Protection</b>	N/A	N/A	N/A
<b>Port</b>	Free Flow Flared	Free Flow Flared	Free Flow Flared
<b>Input Connectors</b>	2x Speakon NL4	2x Speakon NL4	2x Speakon NL4
<b>Dimensions</b>	Width (Front) : 623mm (24½" in) Width (Back) : 623mm (24½" in) Height : 724mm (28½" in) Depth : 623mm (24½" in)	Width (Front) : 623mm (24½" in) Width (Back) : 623mm (24½" in) Height : 724mm (28½" in) Depth : 623mm (24½" in)	Width (Front) : 623mm (24½" in) Width (Back) : 623mm (24½" in) Height : 724mm (28½" in) Depth : 623mm (24½" in)
<b>Weight (Kg)</b>	47 Kg	57 Kg	68 Kg

# DUAL 18" ONE WAY BASS REFLEX SUBWOOFER

## RTX-2182

(2000Watts)

## RTX-2183

(3000Watts)

## RTX-2184

(4000Watts)



### KEY FEATURES

The RTX Series from [B4] Beta Four dual 18" bass reflex subwoofer consist of three models, each with distinct characteristics & applications. RTX 218 series is built smooth, clean, accurate, low-end. A pair of 18" Differential Drive handling an amazing power upto 4000 watts of continuous power. Large open ducts minimize port turbulence and the heavily braced enclosure assures tight, solid bass.

- ◆ CONSTRUCTED OF TOP QUALITY HARDCORE PLYWOOD [B4] TECHNIQUE OF HIGH QUALITY TEXTURE PAINT FINISH.  
(RESISTANT AGAINST SPLASH OF WATER, SCRATCH AND HIGH TEMPERATURE)
- ◆ WRAP-AROUND 16 GAUGE STEEL GRILL LINED WITH ACOUSTICALLY TRANSPARENT FOAM FOR PROTECTION AND APPEARANCE.
- ◆ AFFORDABLE, ADVANCED DESIGN IN ITS CLASS.
- ◆ DESIGNED WITH FOUR HANDLES FOR EASY HANDLING.



RTX Series Also Available

### SPECIFICATION

#### RTX-2182

**System Type** Dual 18" One way bass reflex

**Power Rating (Continuos)** 2000Watt

**Frequency Response** 33Hz-250Hz

**Sensitivity SPL 1W/1M** 102 db

**Nominal Impedance** 4Ω

**Low Freq. Speaker** 2x18" Speaker 1000 Watt, AL Frame, 4" voice coil, 220x110x25(mm) magnet

**High Freq. Unit** N/A

**Crossover Protection** N/A

**Port** Free Flow Flared

**Input Connectors** 2x Speakon NL4

**Dimensions**

Width (Front) : 1207mm (47½" in)

Width (Back) : 1207mm (47½" in)

Height : 584mm (23" in)

Depth : 762mm (30" in)

Weight (Kg)

81 Kg

#### RTX-2183

**System Type** Dual 18" One way bass reflex

**Power Rating (Continuos)** 3000Watt

**Frequency Response** 30Hz-220Hz

**Sensitivity SPL 1W/1M** 106 db

**Nominal Impedance** 4Ω

**Low Freq. Speaker** 2x18" Speaker 1500 Watt, AL Frame, 4 ½" voice coil, 220x110x35(mm) magnet

**High Freq. Unit** N/A

**Crossover Protection** N/A

**Port** Free Flow Flared

**Input Connectors** 2x Speakon NL4

**Dimensions**

Width (Front) : 1207mm (47½" in)

Width (Back) : 1207mm (47½" in)

Height : 584mm (23" in)

Depth : 762mm (30" in)

#### RTX-2184

**System Type** Dual 18" One way bass reflex

**Power Rating (Continuos)** 4000Watt

**Frequency Response** 28Hz-200Hz

**Sensitivity SPL 1W/1M** 108 db

**Nominal Impedance** 4Ω

**Low Freq. Speaker** 2x18" Speaker 2000 Watt, AL Frame, 5" voice coil, 274x140x25(mm) magnet

**High Freq. Unit** N/A

**Crossover Protection** N/A

**Port** Free Flow Flared

**Input Connectors** 2x Speakon NL4

**Dimensions**

Width (Front) : 1207mm (47½" in)

Width (Back) : 1207mm (47½" in)

Height : 584mm (23" in)

Depth : 762mm (30" in)

# PRECISION TRANSDUCER

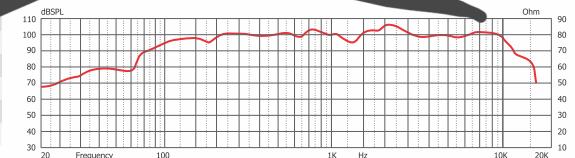
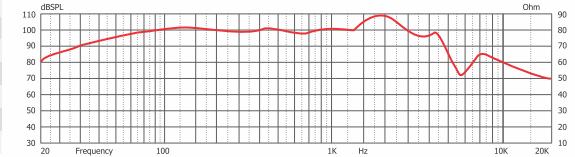
## 12 BNC-200/300

12" 200W, 2" VOICE COIL

12" 300W, 2.5" VOICE COIL

### SPECIFICATION 12BNC-200 12BNC-300

<b>Nominal Diameter</b>	12 Inch	12 Inch
<b>Rated Impedance</b>	8 Ohms	8 Ohms
<b>Power Capacity</b>	200Watts RMS	300Watts RMS
<b>Sensitivity</b>	98 dB	98 dB
<b>Frequency Range</b>	50 Hz - 12000 Hz	60 Hz - 12000 Hz
<b>Voice Coil Diameter</b>	51 mm/2 Inch	64 mm/2½ Inch
<b>Voice Coil Material</b>	Tin/Copper	Flat Wire
<b>Magnet Size</b>	155x60x20 mm	180x80x20 mm
<b>Magnet Type</b>	Ferrite	Ferrite
<b>Frame</b>	Aluminium Casting	Aluminium Casting
<b>Cone Type</b>	Pulp Paper	Pulp Paper
<b>Dual/Dust Cap</b>	Pulp Paper	Pulp Paper

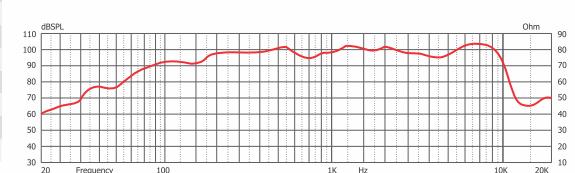


## 12 FR Passed

12" 100W, 1.5" VOICE COIL

### SPECIFICATION

<b>Nominal Diameter</b>	12 Inch
<b>Rated Impedance</b>	8 Ohms
<b>Power Capacity</b>	100Watts RMS
<b>Sensitivity</b>	97 dB
<b>Frequency Range</b>	55 Hz - 14 KHz
<b>Voice Coil Diameter</b>	38.1 mm/1.5 Inch
<b>Voice Coil Material</b>	Kapton, CCAW
<b>Magnet Size</b>	134x57x20 mm
<b>Magnet Type</b>	Ferrite
<b>Frame</b>	Pressed Steel
<b>Cone Type</b>	Pulp Paper
<b>Dual/Dust Cap</b>	Pulp Paper



# PRECISION TRANSDUCER

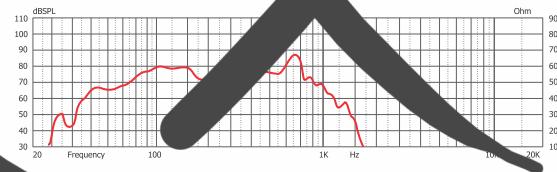
Neodymium Series

## ND-1891S

18" 750-1500W - 4" VOICE COIL

### SPECIFICATION

Nominal Diameter	18 Inch
Rated Impedance	8 Ohms
Power Capacity	750Watts RMS
Sensitivity	90dB(1W/1M)
Frequency Range	40Hz-1000Hz
Voice Coil Diameter	4" / 10mm/4 Inch
Voice Coil Material	CCAW/Glass Fibre/In-Out
Magnet Size	Neodymium
Magnet Type	Aluminium Casting
Frame	Pulp Paper, USA
Cone Type	Pulp Paper, USA
Dual/Dust Cap	Pulp Paper

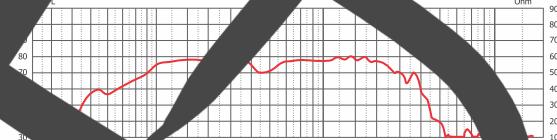
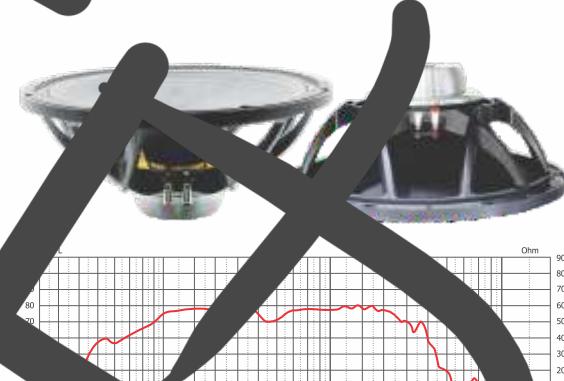


## ND-1590W

15" 500-1000W - 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	15 Inch
Rated Impedance	8 Ohms
Power Capacity	500-1000Watts RMS
Sensitivity	95dB(1W/1M)
Frequency Range	45Hz-1000Hz
Voice Coil Diameter	76mm/3 Inch
Voice Coil Material	CCAW/Glass Fibre/In-Out
Magnet Size	Density 1.2T
Magnet Type	Neodymium
Frame	Aluminium Casting
Cone Type	Pulp Paper, USA
Dual/Dust Cap	Pulp Paper

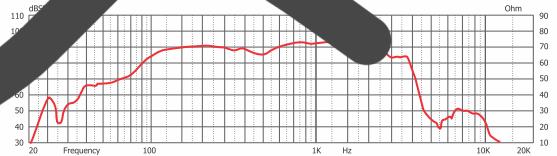
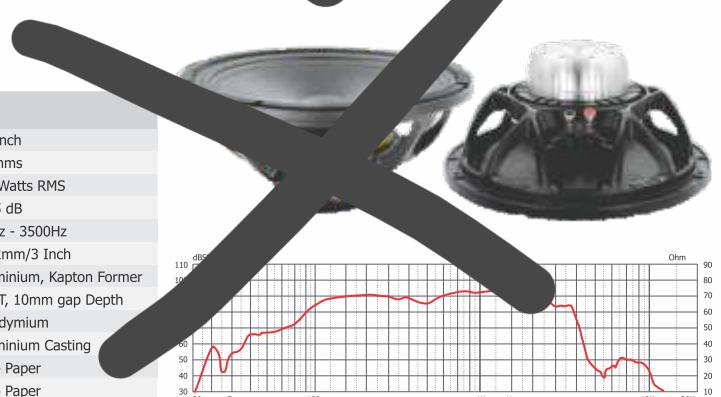


## ND 1290

12" 500W - 3" VOICE COIL

### SPECIFICATION

Nominal Diameter	12 Inch
Rated Impedance	8 Ohms
Power Capacity	500Watts RMS
Sensitivity	98.5 dB
Frequency Range	44Hz - 3500Hz
Voice Coil Diameter	76.2mm/3 Inch
Voice Coil Material	Aluminium, Kapton Former
Magnet Size	1.2 T, 10mm gap Depth
Magnet Type	Neodymium
Frame	Aluminium Casting
Cone Type	Pulp Paper
Dual/Sust Cap	Pulp Paper



# ACTIVE SPEAKER SYSTEM

## BQ 15ML

15" 400W Speaker

Equipped with MP3,FM,BT, EQ,  
Multi-channel microphone and  
line input, Digital Amplifier,  
Active 2-way speaker



Class D power amplifiers with its total power upto 500W provide tremendous sound pressure and incredible low-frequency impact.

Multiple audio spectrum processing technology brings a melodious sound quality, and a live-like musical feeling.

The built-in professional audio compression limiter effectively protects the entire speaker system.

Mixer with 2-way MIC inputs, low noise and low distortion.

## BR 15MH

15" 600W Speaker



### SPECIFICATION

Driver Quantity	15"×1(Low), Φ25mm×1(HF Driver)
Frequency Response (±3dB)	55Hz-18KHz(±3dB)/45Hz-20KHz(±10dB)
Rated Power (dB/1M)	400W(Bass)/180W(Treb), 110dB
Level Adjust Range (EQ)	±15dB(80Hz)-Bass ±15dB(12kHz)-Treb
Distortion	Line-0.02%,Microphone-0.04%
Input Impedance	Line-14k Ohm, Microphone-14K ohm
Connectors	XLR; 1*4" TRS
Connector	USB Type A
File System, Format	FAT 16, FAT 32, (MP3,WAV,WMA )
Bit Rates	32-320Kbps
Sample Rates	32KHz,44.1KHz,48KHz
Dimension (H × L × D)	444W×318D×723H
Net Weight(Kg/pcs)	21 Kg

### BR-15MH

Driver Quantity	15"×1(Low), Φ34mm×1(HF Driver)
Frequency Response (±3dB)	50Hz-18KHz(±3dB)/45Hz-20KHz(±10dB)
Rated Power (dB/1M)	500W(Bass)/200W(Treb), 120dB
Level Adjust Range (EQ)	±15dB(80Hz)-Bass ±15dB(12kHz)-Treb
Distortion	Line-0.02%,Microphone-0.04%
Input Impedance	Line-14k Ohm, Microphone-14K ohm
Connectors	XLR; 1*4" TRS
Connector	USB Type A
File System, Format	FAT 16, FAT 32, (MP3,WAV,WMA )
Bit Rates	32-320Kbps
Sample Rates	32KHz,44.1KHz,48KHz
Dimension (H × L × D)	470W×410D×775H
Net Weight(Kg/pcs)	29.2 Kg



## Passive PA & DJ Wooden Speaker System

USED IN WIDE RANGE OF APPLICATIONS.

TOUGH, NON-RESONANT HANDLES AND STEEL GRILLE.

CONSTRUCTED OF TOP QUALITY HARDCORE PLYWOOD WITH

[B4] TECHNIQUE OF HIGH QUALITY TEXTURE PAINT FINISH



For over a year, [B4] RTX Series Speakers have represented the best performance, highest quality, and most advanced driver technology available to portable PA/DJ users. The RTX series continues that tradition and moves the bar even higher. The advanced technology of speakers delivers the power and performance you would expect from the highest quality, professional systems.

All this performance housed in rugged [B4] 3/4" premium plywood enclosures for years of superb performance. The RTX Line consists of Six Models and available in Nineteen different variant models, each with distinct characteristics and applications.

### OPTIONAL

**ALL MODELS WITH SAME DESIGN AND SPECIFICATIONS ARE ALSO AVAILABLE IN PREMIUM-GRADE CARPET FINISHING.**

- For light weight, all cabinet models are also customized in birch plywood.
- Different colour variants for texture paint is customized as per demand.
- Flying versions of the RTX two way models are also available for the convenience of detachable track fittings for portable applications.

## RTX-Series



## Dual Channel Power Amplifier

The unchallenged leader in amplifier technology [B4] Amplifier Series delivers extraordinary power and the highest output voltage for outstanding sonic performance



Advanced Energetic TD Class Circuit provides extremely wide dynamic range and extensive protection.

Powerful and affordable AB & H Class Circuity yields maximum efficiency with minimum crossover "notch" distortion

# PA AUDIO MIXING CONSOLE

## XEM-80U

8 Channel Mixer

## XEM-120U

12 Channel Mixer

- ◆ **XEM-80U** comes with 7 mono balanced input channels with acceptable standard male XLR connector/unblanced line input signal through 1/4" phone jack & 1 stereo channel input through 1/4"/6.3mm phone jack.
- ◆ **XEM-120U** comes with 11 mono balanced input channels with acceptable standard male XLR connector/unblanced line input signal through 1/4" phone jack & 1 stereo channel input through 1/4"/6.3mm phone jack.
- ◆ Separate power supply adapter to ensure high performance and low noise level during programme.
- ◆ Built in digital player with mp3/USB player, Recording & Bluetooth function with menu LCD Display.



- ◆ True +48v phantom power for use of condenser microphones.
- ◆ Precision detent level controls, Ultra linear Mic preamps with high resolution, wide gain stages,masses of haedroom. Gain Control,3 band EQ (Low, mid & high),aux send, effect, pan level control for each channel.
- ◆ High accuracy faders and professional insert points. PFL On/Off switch for all channels to check the audio level of Individual input through headphone. Peak LED On all channels to check the excessive signal coming from the source.

## BMG16XU

16 Channel Mixer

- ◆ 10/12/16 inputs.
- ◆ Innovative ane-knob compressor lets you easily dial in the amount of compression you need.
- ◆ Built-in-digital SPX multi-effect processor.
- ◆ Top-mounted input and output connectors for easy connection and re-patching.
- ◆ High-performance microphone preamplifiers with switchable phantom power.
- ◆ 3-band channel EQ and high-pass filters.
- ◆ Smooth rotary knob and faders.
- ◆ AUX sends with master send controls for convenient processing and monitoring.
- ◆ Return level controls for the AUX and STEREO buses.
- ◆ Bright meters for visual level monitoring.
- ◆ Rack mountable.



## SPECIFICATION

	<b>XEM-80U</b>	<b>XEM-120U</b>	<b>BMG16XU</b>
<b>Input Channels</b>	7 Mono & 1 Stereo	11 Mono & 1 Stereo RMS	8 Mono & 4 Stereo/10Mono & 2Stereo
<b>Equalizer</b>	High: +15dB/10kHz Mid: +15dB/250Hz-6kHz Low: +15dB/60kHz	High: +15dB/10kHz Mid: +15dB/250Hz-6kHz Low: +15dB/60kHz	High: +15dB/10kHz Mid: +15dB/250Hz-6kHz Low: +15dB/60kHz
<b>Power requirement</b>	AC 220-240V~50Hz ± 10%	AC 220-240V~50Hz ± 10%	AC 220-240V~50Hz ± 10%
<b>Power Consumption</b>	20 Watt	25 Watt	50 Watt
<b>Signal To Noise Ratio</b>	-80dB	-80dB	-80dB
<b>Tone Control</b>	Low-Mid-Hi	Low-Mid-Hi	Low-Mid-Hi
<b>Power Supply Adapter</b>	Separate adapter Included	Separate adapter Included	Inbuilt Transformer
<b>Frequency Response</b>	25Hz - 20kHz	25Hz - 20kHz	25Hz - 20kHz
<b>Dimensions(MM)</b>	431W x 355D x 51H	533W x 355D x 51H	444W x 500D x 130H
<b>Weight</b>	5.2 Kg	6.3 Kg	6.8 Kg

# DUAL CHANNEL POWER AMPLIFIER

## TD-7000

3600+3600 Watts



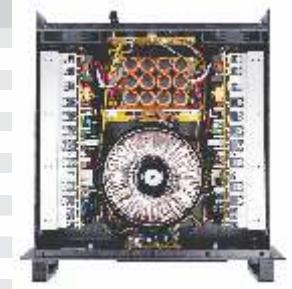
## FEATURES

Class TD Circuit

- ◆ Front Panel Indicator shows Power, Protection, Active, Signal and Clip/Overload for both channels.
- ◆ Standard width 19"inch (48.3cm) rack mounting. Housed in rugged, all steel 3u chassis.
- ◆ Efficient forced air fan prevents excessive thermal build up. Precision dependent level controls.
- ◆ With its powerful & reliable performance, it can easily handle 2Ω load.
- ◆ Hi fidelity sound. Ideal for hi end music program.
- ◆ Ground /lift switch is Used to isolate the input audio signal grounds from the ac (chassis).
- ◆ Selectable crossover switch with low pass/high pass/by-pass filters for each channel.
- ◆ Adequate safe guards have been built in to counter adverse working condition.
- ◆ Ease of operation, combined with service accessibility has been optimized in the design.
- ◆ 3 Way Operating Mode- Bridge/Parallel/Stereo through selectable switch.

## SPECIFICATION

<b>Rated Power (Stereo)</b>	2x3100W@2Ω, 2x2900W@4Ω, 2x1800W@8Ω
<b>Rated Power (Bridge)</b>	5800W@8Ω, 11000W@4Ω (THD≤0.01%)
<b>Damping Factor</b>	>600
<b>Smart Protections</b>	DC, Short Circuit, Over Heat, Clip, In/Out Overload
<b>Cooling</b>	2xForce Cooling AC Fans
<b>Input Sensitivity</b>	0.775V/1V/1.44V through switch
<b>Frequency Response</b>	25Hz-22KHz ±0.5db
<b>SN Ratio/Slew rate</b>	108dB / 21V/us
<b>Input Connectors</b>	26.3mm audio jack (2 balanced XLR female connector)
<b>Power Supply</b>	220v AC ± 10%/50Hz
<b>Output Connectors</b>	2 Speakon, Output Terminal
<b>Dimensions (MM)</b>	483Wx488Dx132H
<b>Weight</b>	41Kg Net. / 44Kg Gross.



# DUAL CHANNEL POWER AMPLIFIER

## TD-4502

2100+2100 Watts - AC Operation



## TD-5502

2700+2700 Watts - AC Operation

## TD-7202

3600+3600 Watts - AC Operation

# P.A AUDIO MIXING CONSOLE

## BMG 24

24 Channel Mixer

- ◆ 24/32 Inputs.
  - ◆ Innovative ane-kob compressor lets you easily dial in the amount of compression you need.
  - ◆ Built-in-digital SPX multi-effect Double Delay processor.
  - ◆ Rear input and output connectors for easy setup and re-patching.
  - ◆ High-performance microphone pre-amplifiers with switchable phantom power.
  - ◆ 4-band channel EQ and high-pass filters.
  - ◆ Smooth rotary knob and faders.
  - ◆ AUX sends with master send controls for convenient processing & monitoring.
  - ◆ Return level controls for the AUX and STEREO buses.
  - ◆ Bright meters for visual level monitoring.
- Rack mountable.

## BMG 32

32 Channel Mixer



## FEATURES

### TD Series amplifier provides extensive protection and diagnostic capabilities.

- ◆ Standard width 19"inch (48.3cm) rack mounting. Housed in rugged, all steel 3u chassis.
- ◆ Efficient forced air fan prevents excessive thermal build up. Precision detent level controls.
- ◆ Input sensitivity signal control switch is provided to control the excess signal coming from the source (without disturbing volume settings). Ease of operation, combined with service accessibility has been optimized in the design. With its powerful & reliable performance, it can easily handle 2Ω loads.
- ◆ TD class circuit gives Hi fidelity sound. Ideal for Hi-end music programme.
- ◆ [B4] Beta 4 TD series has been designed to operate under stringent working condition such as wide voltage fluctuation due to gensets/AC mains and high ambient temperatures. 3 way operating mode (Bridge, Parallel, Stereo) through selection switch.
- ◆ Selectable crossover switch for low pass / by pass with frequency adjustable tone control for each channel (useful to operate sub woofer without using separate crossover).
- ◆ Ground /lift switch is used to isolate the input audio signal grounds from ac (earths) ground to prevent ground loops.
- ◆ 4 front LED Indicators for each channel shows ACTIVE (Amp Power On), SDC (Sound Output Level), PROTECTION (Faulty Conditions), CLIP (Excessive Signal Output coming from mixer) for easier operation.

## SPECIFICATION

### TD 4502

	TD 4502	TD 5502	TD 7202
Rated Power (Stereo)	2x2100W@2Ω, 1650W@4Ω, 1050W@8Ω	2x2700W@2Ω, 2200W@4Ω, 2x1350W@8Ω	2x3600W@2Ω, 2x2800W@4Ω, 2x1800W@8Ω
Rated Power (Bridge)	4200W@4Ω, 3300W@8Ω(THD≤0.01%)	5400W@4Ω, 4500W@8Ω(THD≤0.01%)	7200W@4Ω, 5600W@8Ω(THD≤0.01%)
Damping Factor	≥280	≥280	≥200
Smart Protections	DC, Short Circuit, Over Load, Over Heat	DC, Short Circuit, Over Load, Over Heat	DC, Short Circuit, Over Load, Over Heat
Cooling	Force cooling	Force cooling	Force cooling
Input Sensitivity	1V/0db, Balance	1V/0db, Balance	1V/0db, Balance
Frequency Response	20Hz-20KHz ± 0.5db	20Hz-20KHz ± 0.5db	20Hz-20KHz ± 0.5db
Cross Over Circuit	Low Pass with frequency control	Low Pass with frequency control	By pass
Input Connectors	1 x FXLR & MXLR, (Connected Parallel)	1 x FXLR & MXLR, (Connected Parallel)	1 x FXLR & MXLR, (Connected Parallel)
Power Supply	AC 230-240v~50Hz ± 10% (Fuse : 20A)	AC 230-240v~50Hz ± 10% (Fuse : 20A)	AC 230-240v~50Hz ± 10% (Fuse : 20A)
Output Connectors	1 x Speakon NL4/Binding post for each zone	Speakon NL4/Binding post for each zone	Speakon NL4/Binding post for each zone
Dimensions (MM)	483W x 488D x 132H	483W x 488D x 132H	483W x 488D x 132H
Weight	33kg	34Kg	39Kg

## SPECIFICATION

### BMG24/32

<b>Input Channels</b>	24/32 Channel
<b>Equalizer</b>	High: +15dB/10kHz Mid: +15dB/250Hz-6kHz Low: +15dB/60kHz
<b>Power requirement</b>	AC 220-240v~50Hz ± 10%
<b>Power Consumption</b>	20 Watt
<b>Signal To Noise Ratio</b>	-80dB
<b>Tone Control</b>	Low-Mid-Hi
<b>Power Supply Adapter</b>	Inbuilt
<b>Frequency Response</b>	25Hz - 20kHz
<b>Dimensions(MM)</b>	1060W x 540D x 150H
<b>Weight</b>	24 Kg

## F7USB/F7BT

7 Channel Mixer

- ◆ 5 Mono inputs through MXLR and 1 Stereo input.
- ◆ Insert and LINE Input through 6.3mm phone jack for channel 1 to 5. Inbuilt USB Reader with separate level control through channel 6 & 7.
- ◆ Tone Controls: Gain, Pan, HI-MID-LOW, AUX, Effect with slide master level for all channels. Separate Power Supply adapter for low distortion output.
- ◆ Headphone output through 6.3mm jack with separate level control.
- ◆ Main output L+R through RCA socket and 6.3mm phone jack.
- ◆ High-performance microphone pre-amplifiers with switchable phantom power.
- ◆ 3-band channel EQ and high-pass filters.



# DUAL CHANNEL POWER AMPLIFIER

## DJX 2.2

900+900 Watts



### Inbuilt Cross over Circuit

with Low Frequency Preset Control on both channels

## DJX 3.2

1300+1300 Watts

## DJX 4.2

1700+1700 Watts

# WIRED & WIRELESS MIC

Supplied with high quality twin core shielded low-noise cable and mic holder. Wide frequency response, high output neodymium cartridge. Intelligent and dynamic vocal microphone.



**IB-590**



**B-848**



**IB-990**



**UTW 230**

UHF Wireless Microphone Dual Half Metal Handheld with digital display and 60 selectable frequency channel

SPECIFICATION	UTW 230	UTW 280
<b>Battery:</b>	2x1.5V AA	2x1.5V AA
<b>Battery Life:</b>	6 Hrs.	8 Hrs.
<b>Oscillation Mode:</b>	VCO+PLL	Integrated IC
<b>Frequency:</b>	500-900 MHz	610-670 MHz
<b>SN Ratio:</b>	>85dB	>105dB
<b>Distortion:</b>	<0.5% (1KHz)	<0.5% (1KHz)
<b>Receiving Distance:</b>	30-60 Mtr	60-80 Mtr
<b>Sensitivity:</b>	15dBuV	105dB/m
<b>Power Consumption:</b>	≤2W	150mA@3V
<b>Power Output:</b>	DC 12V/500mA	DC 12V/500mA
<b>Offset:</b>	±45 KHz	±50 KHz
<b>Antenna Access:</b>	BNC/50Ω	BNC/50Ω



**UTW 280**

UHF Wireless Microphone Dual Metal Handled with digital display and 200 selectable frequency channel

## FEATURES

- ◆ Performance, Efficiency & Quality Comes together with new DJX series of Beta Four Class H Circuit Power Amplifier.
- ◆ Designed in rugged 2u chassis with standard 19" rack mounting width.
- ◆ Specially Design to produce High Power output and low noise under extreme Climatic Conditions. **Stable at 2Ω**
- ◆ Smart Protections such as power soft start, over load, short circuit, DC, Over Heat & Limiter Function.
- ◆ Front LED Indicators for each channel shows ACTIVE (AC Power On), SIGNAL (Sound Output Level with 5 LED), PROTECTION (Faulty Conditions), CLIP (Excessive Signal Output coming from mixer) for ease of operation.
- ◆ 3 way operating mode (Bridge, Parallel, Stereo) through selection switch (with Indication on front Pannel)
- ◆ Input sensitivity signal control switch **0.775V/1V/1.44V** is provided to control the excess signal coming from the source (without disturbing volume settings).
- ◆ Precision detent level controls.
- ◆ Efficient forced air fan prevents excessive thermal build up.
- ◆ Extra Bass Boost Effect through Switch ( 0,1,2dB).

SPECIFICATION	DJX 2.2	DJX 3.2	DJX 4.2
<b>Rated Power (Stereo)</b>	2x900W@2Ω, 650W@4Ω, 450W@8Ω	2x1300W@2Ω, 2x1000W@4Ω, 2x650W@8Ω	2x1700W@2Ω, 2x1300W@4Ω, 2x850W@8Ω
<b>Rated Power (Bridge)</b>	1800W@4Ω, 1300W@8Ω(THD≤0.01%)	2600W@4Ω, 2000W@8Ω(THD≤0.01%)	3400W@4Ω, 26000W@8Ω(THD≤0.01%)
<b>Damping Factor</b>	>500	>550	>550
<b>Smart Protections</b>	DC, Short Circuit, Over Load, Over Heat, Clip	DC, Short Circuit, Over Load, Over Heat, Clip	DC, Short Circuit, Over Load, Over Heat, Clip
<b>Cooling</b>	Force cooling	Force cooling	Force cooling
<b>Input Sensitivity</b>	0.775V/1V/1.44V through switch	0.775V/1V/1.44V through switch	0.775V/1V/1.44V through switch
<b>Frequency Response</b>	20Hz-20KHz ±0.5db	20Hz-20KHz ±0.5db	20Hz-20KHz ±0.5db
<b>SN ratio/slew rate</b>	100dB / 40V/us	105dB / 50V/us	105dB / 60V/us
<b>Input Connectors</b>	1 x FXLR & MXLR, (Connected Parallel)	1 x FXLR & MXLR, (Connected Parallel)	FXLR & MXLR, (Connected Parallel)
<b>Power Supply</b>	AC 230-240v~50Hz ± 10% (Fuse : 20A)	AC 230-240v~50Hz ± 10% (Fuse : 20A)	AC 230-240v~50Hz ± 10% (Fuse : 20A)
<b>Output Connectors</b>	1 x Speakon NL4/Binding post for each zone	Speakon NL4/Binding post for each zone	Speakon NL4/Binding post for each zone
<b>Dimensions (MM)</b>	550W x 470D x 150H	550W x 550D x 150H	550W x 550D x 150H
<b>Weight</b>	19kg	24kg	27kg

## HIGH FREQUENCY COMPRESSION DRIVER

**D-450**  
60 Watts



**D-550**  
80 Watts



**BMD-850**  
100 Watts



**CD-7401**  
HF Driver



**ND-6509**  
Neodymium HF Driver



SPECIFICATION	D-450	D-550	BMD-850	CD-7401	ND-6509
<b>Throat Diameter</b>	25mm/1Inch	25mm/1Inch	50mm/2Inch	38mm/1.5Inch	38mm/1.5Inch
<b>Rated Impedance</b>	8Ω	8Ω	8Ω	8Ω	8Ω
<b>Power handling(1k~18kHz)</b>	60 Watts	80 Watts	100 Watts	90 Watts	75 Watts
<b>Sensitivity 1W/1M</b>	106dB	107dB	108dB	108dB	108dB
<b>Frequency Range</b>	800Hz-20KHz	1KHz-18KHz	500Hz-18KHz	500Hz-17KHz	750Hz-18KHz
<b>Mounting Type</b>	Screw ON	Screw ON	Bolt ON	Bolt ON	Bolt ON
<b>Voice Coil Diameter</b>	44.4mm/1.75 Inch	44.4mm/1.75 Inch	76mm/3 Inch	75mm/3 Inch	65mm/2.5Inch
<b>Voice Coil Material</b>	Copper Clad Round Wire	Al Flat Wire	CCAW	Edgewound Al	Edgewound Al
<b>Voice Coil Former</b>	----	----	KSV	Kapton	Kapton
<b>Phase Plug Material</b>	-----	-----	Plastic	Composite	Composite
<b>Diaphragm Material</b>	Titanium	Titanium	Titanium	Titanium	Titanium
<b>Magnet Material</b>	Ferrite	Ferrite	Ferrite 170mm	Ferrite	Neodymium
<b>Dimension/Weight</b>	120Wx63D/1.7kg	135Wx71D/2.5kg	170Wx70D/4.5kg	170Wx70D/4.5kg	115Wx45D/1.8kg

# HIGH POWER PA AMPLIFIER WITH DIGITAL PLAYER

## USB 600N

600 Watts

- ◆ 8 Mic & 2 Aux. Inputs (through 1/4" Phone jack) with individual volume control, 1 Aux. input RCA socket.
- ◆ Box/Horn Speaker selector switch which defeats Bass Boost on horn mode for safer operation of driver unit.
- ◆ Bass/Mid/Treble Tone Control along with Master Volume Control for accurate tonal settings of Programme.
- ◆ Built-in-MP3 Player with remote control to operate its useful features such as USB, SD card, Aux, FM Radio.
- ◆ Resettable circuit breaker for protection against over load and short circuit.
- ◆ Front Panel Indicators shows AC power on with five LED ladders which indicates output level upto peak.
- ◆ Separate gain control for Aux 3/USB Player through selectable switch to control the excessive signal.
- ◆ Line Input and Output (through 1/4" phone jack) for connecting to a Mixer and Booster Amplifier respectively.

## USB 800N

800 Watts

## USB 1000

1000 Watts



## PA 300U

300 Watts ■ AC & 24V DC Operation

SPECIFICATION	PA300U
Rated Power	300 Watts RMS
Smart Protections	Overload, Short Circuit, AC Fuse Cutout
Frequency Response	50Hz - 15KHz ± 3dB
Tone Controls	Bass, Mid, Treble
Speaker Output	4Ω, 8Ω, 70V, 100V Line
Output Connectors	Strip
Input Channels	6xMic 0.6mV, 2xAux 200mV, 1xLine 1V, 1xAux 250mV RCA
Input Connectors	1/4" Phone Jack
Aux Output	1xPreamp 200mV, 1xLine 1V
Power Supply	AC-230V-240V-50Hz ± 10% (Fuse A), 24V DC
Dimensions (MM)	500W x 330D x 153H
Weight (Without Packing)	14.5 Kg



- ◆ 6 Mic & 2 AUX input channels through 1/4" phone jack & 1 AUX input 250mV through RCA to connect CD/DVD, keyboard, guitar etc.
- ◆ Built-in digital player with large LCD display with remote control to operate its useful features such as USB READER, SD CARD READER, DIRECT RECORD TO Mp3 PLAYER BLUETOOTH. Bass, Mid, Treble Tone Control for better tonal settings.

## SPECIFICATION

### USB 600 N

### USB 800 N

### USB 1000 N

SPECIFICATION	USB 600 N	USB 800 N	USB 1000 N
Rated Power	600 Watts RMS	800 Watts RMS	1000 Watts RMS
Smart Protections	Overload, Short Circuit, AC Fuse Cutout	Overload, Short Circuit, AC Fuse Cutout	Overload, Short Circuit, AC Fuse Cutout
Cooling	Force Cooling	Force Cooling	Force Cooling
Input Channels	8xMic 0.6mV, 3xAux 100mV, 1xLine 1V Through 1/4" Phone Jack	8xMic 0.6mV, 3xAux 100mV, 1xLine 1V Through 1/4" Phone Jack	8xMic 0.6mV, 3xAux 100mV, 1xLine 1V Through 1/4" Phone Jack
Signal Outputs	1xLine out 1V, 1xpre out 200mV	1xLine out 1V, 1xpre out 200mV	1xLine out 1V, 1xpre out 200mV
Frequency Response	50Hz-15000 Hz ± 0.3db	50Hz-15000 Hz ± 0.3db	50Hz-15000 Hz ± 0.3db
Power Supply	AC 230-240V~50Hz ± 10% (Fuse : 10A)	AC 230-240V~50Hz ± 10% (Fuse : 10A)	AC 230-240V~50Hz ± 10% (Fuse : 10A)
Speaker Outputs	2Ω, 4Ω, 70V & 100V Line	2Ω, 4Ω, 70V & 100V Line	2Ω, 4Ω, 70V & 100V Line
Tone Control	Bass, Mid & Treble	Bass, Mid & Treble	Bass, Mid & Treble
Dimensions (MM)	482.6W x 419.1D x 152.4H	482.6W x 419.1D x 152.4H	482.6W x 419.1D x 152.4H
Weight	23.15kg	27.30kg	29kg

# DUAL CHANNEL POWER AMPLIFIER

## XB-3000

1925+1925 Watts

## XB-5000

2665+2665 Watts

## XB-8000

4000+4000 Watts



### FEATURES

- ◆ Standard with 19" inch (48.3cm) rack mountable chassis housed in rugged 3U chassis. Silent forced air fan prevents excessive thermal build up. Precision dependent level controls. Input Sensitivity Selector Switch.
- ◆ Stable at 2Ω. Hi fidelity sound ideal for hi end music programmes. Ground lift switch is used to isolate the input audio signal grounds from the ac (chassis). Adequate safe guards have been built in to counter adverse working condition.
- ◆ Ease of operation, extensive protection, diagnostic capability and service accessibility has been optimized the design

## DJ 3.0

1200+1200 Watts

## DJ 3.5

1500+1500 Watts



- ◆ Cost Effective DJ Series suitable for 4 nos, dual 15" 300W Speaker System.
- ◆ Stable at 2Ω, Input Sensitivity Selector Switch
- ◆ Easy Repairable Circuit, Force Cooling

## SPECIFICATION

### XB 3000

### XB 5000

### XB 8000

### DJ 3.0 / 3.5

Rated Power (Stereo)	2x1925W@2Ω, 1450W@4Ω	2x2665W@2Ω, 2000W@4Ω	2x4000W@2Ω, 3050W@4Ω	2x900W@4Ω, 2x1200W@2Ω
Rated Power (Bridge)	3000W@4Ω (THD≤0.01%)	5000W@4Ω (THD≤0.01%)	8000W@4Ω (THD≤0.01%)	NA
Damping Factor	>800	>1000	>1000	>700
Smart Protections	DC, Short Circuit, Over Heat, Clip	DC, Short Circuit, Over Heat, Clip	DC, Short Circuit, Over Heat, Clip	Hi-Temp, DC, Short Circuit, Over load
Cooling	2xForce Cooling AC Fans			
Input Sensitivity	0.775V/1V/1.44V through switch	0.775V/1V/1.44V through switch	0.775V/1V/1.44V through switch	0.775V/1V/1.44V through switch
Frequency Response	20Hz-20KHz ±0.5db	20Hz-20KHz ±0.5db	20Hz-20KHz ±0.5db	20Hz-20KHz ±0.5db
SN ratio/slew rate	108dB / 35mV/us	108dB / 40mV/us	108dB / 44mV/us	104dB / 44mV/us
Input Connectors	26.3mm audio jack	26.3mm audio jack	26.3mm audio jack	26.3mm audio jack
Power Supply	220v AC ± 10%/50Hz			
Output Connectors	2 Speakon, Output Terminal	2 Speakon, Output Terminal	2 Speakon, Output Terminal	1xSpeakon NI4 for each channel
Dimensions (MM)	483W x 584D x 152H	483W x 635D x 152H	483W x 495D x 140H	
Weight	28.6kg	33.25kg	42.5kg	28.3kg

# DUAL CHANNEL POWER AMPLIFIER

## QS-2000

1200+1200 Watts

## QS-3000

1700+1700 Watts

## QS-4000

2200+2200 Watts

## QS-5000

2700+2700 Watts



**Cost-Effective  
Easy Repairable Circuit  
Extensive Protection, Stable at 2Ω**

- ◆ Standard width 19" (48.3cm) rack mounting. Housed in rugged, all steel 3U chassis.
- ◆ Signal Input through MXLR connector or 1/4" phone jack.
- ◆ Resettable circuit breaker at rear panel to protect against overload and short-circuit.
- ◆ Efficient forced air fan prevents excessive thermal build-up.
- ◆ Precision-Detent Level controls.
- ◆ Easy to operate under extreme stringent working conditions.
- ◆ Front panel indicators shows 5 LED for signal output level, peak on both channels in addition to speaker protection, Line-Hi, Power ON, Fault Check, Temperature.
- ◆ Clip Switch on front panel to cut-off the continuity of distorted signal.

# DUAL CHANNEL POWER AMPLIFIER

## XP-3100/4100/5100

1200+1200 W    1800+1800 W    2700+2700 W



- ◆ Stereo/Mono selector switch.
- ◆ Input sensitivity switch.
- ◆ HI, MID, LOW, tone controls for each zone enable precise & accurate tonal settings of the sound quality.
- ◆ Rugged steel 3U chassis standard 19" inch rack mount width.
- ◆ Used in a wide range of D.J performance & high power P.A applications.
- ◆ Front panel indicators which shows, Power ON, Amplifier ON, Clip & protection. Also includes true RMS level detection, through output level indicators which goes upto peak level.
- ◆ Efficient forced air fans prevents excessive thermal built up.
- ◆ Circuit protection safe guards the amplifier against over load, short circuit & faulty conditions.
- ◆ Clip LED turns on when distortion becomes audible in the amplifier output.
- ◆ Safe to use during wide voltage fluctuation on gensem/AC mains suitable for 2Ω load.
- ◆ Input and output signals are connected parallel through 2x1/4" phone jack for each zone to connect with another amplifier or mixer.

- ◆ Standard width 19" (48.3cm) rack mounting. Housed in rugged, all steel 3U chassis.
- ◆ Signal Input through MXLR connector or 1/4" phone jack.
- ◆ Resettable circuit breaker at rear panel to protect against overload and short-circuit.
- ◆ Efficient forced air fan prevents excessive thermal build-up, Unmatched Power Stable at 2Ω.
- ◆ Precision-Detent Level controls.
- ◆ Easy to operate under extreme stringent working conditions, such as High Voltage or High Temperature.
- ◆ Front panel indicators shows 10 LED ladder for signal output level, ACTIVE & FAULT on both channels in addition to POWER ON, OVERLOAD.
- ◆ 3 Way Operating Mode- Stereo/Parallel/Bridge.
- ◆ Ground Terminal for Signal grounding.

## AB-4000

2000+2000 Watts



### SPECIFICATION QS-2000

**Rated Power** 2x1200W@2Ω

**Smart protection** DC, Short Circuit, Over Load/Heat

**Cooling** Force cooling

**Input Sensitivity** 1.4V for standard 1KHz Power

**Frequency Response** 20Hz-20KHz

**Operating Mode** Stereo L+R

**Power Supply** AC 230v-50Hz ± 10%

**Input Connectors** 1 x MXLR & 1/4" Phone Jack

**Output Connectors** 1 x Speakon NL4 & Binding post

**Dimensions(MM)** 483W x 483D x 152H

**Weight** 30kg

### SPECIFICATION QS-3000

**Rated Power** 2x1700W@2Ω

**Smart protection** DC, Short Circuit, Over Load/Heat

**Cooling** Force cooling

**Input Sensitivity** 1.4V for standard 1KHz Power

**Frequency Response** 20Hz-20KHz

**Operating Mode** Stereo L+R

**Power Supply** AC 230v-50Hz ± 10%

**Input Connectors** 1 x MXLR & 1/4" Phone Jack

**Output Connectors** 1 x Speakon NL4 & Binding post

**Dimensions(MM)** 483W x 483D x 152H

**Weight** 32.4kg

### SPECIFICATION XS-4000

**Rated Power** 2x2000W@2Ω

**Smart protection** DC, Short Circuit, Over Load/Heat

**Cooling** Force cooling

**Input Sensitivity** 1.4V for standard 1KHz Power

**Frequency Response** 20Hz-20KHz

**Operating Mode** Stereo L+R

**Power Supply** AC 230v-50Hz ± 10%

**Input Connectors** 1 x MXLR & 1/4" Phone Jack

**Output Connectors** 1 x Speakon NL4 & Binding post

**Dimensions(MM)** 483W x 483D x 152H

**Weight** 32.4kg

### SPECIFICATION AB-4000

**Rated Power** 2x2000W@2Ω

**Smart protection** DC, Short Circuit, Over Load/Heat

**Cooling** Force cooling

**Input Sensitivity** 1.4V for standard 1KHz Power

**Frequency Response** 20Hz-20KHz

**Operating Mode** Stereo L+R

**Power Supply** AC 230v-50Hz ± 10%

**Input Connectors** 1 x MXLR & 1/4" Phone Jack

**Output Connectors** 1 x Speakon NL4 & Strip -/+

**Dimensions(MM)** 483W x 483D x 152H

**Weight** 33.5kg

### SPECIFICATION XP-3100/4100/5100

### SPECIFICATION XP-3100/4100/5100

**Rated Power** 2x1200 RMS

**Smart protection** HI-TEM, DC, Short Circuit, Over Load, AC Fuse

**Cooling** Force cooling

**Input Sensitivity** 1V<-Switch>>200mV

**Frequency Response** 20Hz-20KHz

**Tone Control** Low-Mid-Hi

**Power Supply** AC 240v-50Hz ± 10%

**Input Connectors** 2x1/4" Phone Jack for each zone

**Output Connectors** Binding post L+R

**Dimensions(MM)** 515W x 431D x 165H

**Weight** 23.8kg

## XP-12000

1200 Watts RMS

