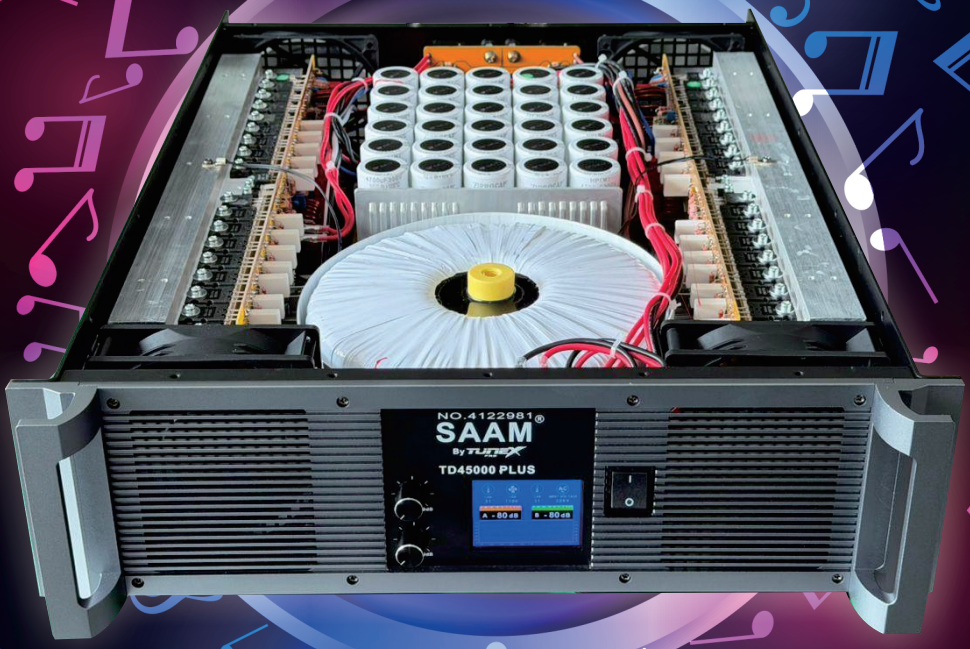
Regd. no 4122981®

SAAM®

Professional Audio Systems



Regd. no 4122981®

SAAM®

original DJ products

Long Term Stable on 2ohm

MODEL : TD45000 PLUS

SPECIFICATIONS

8ohms stereo-4500w
4ohms stereo-6200w
2ohms stereo-7500w
8ohms bridge-10000w
4ohms bridge-15000w

Transistor

MJL 4302/MJL4281

Pure Copper Transformer



Damping Factor	>5700 (8 ohm)20Hz to 100Hz
Output RMS Voltage (THD=1%,1kHz)	46.3dB(0.775V:165V)
Input Sensitivity	0.775V/1V/1.4V
Input Impedance	10KΩ balance/20KΩ unbalance
Input Connectors	XLR Active Balanced Pin1 Gnd/ Pin2+/Pin 3-
Output Connectors	2 Neutrik NL4 Sockets/2 input Posts
Protection	Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.
Operating Voltage	110V/220V 50/60Hz

Long Term Stable on 2ohm

MODEL TD-30000

Transistor
MJL21193/MJL21194
Pure Copper Transformer

TD FEATURES

TD series is a ultra-high power amplifier designed for bars, live concert and other large performance events.
The unquie class TD design with years of real application experiences and improvement,

TD series offers strong power and able to work at 2 ohm stabely and endurably.

The whole series is adopped with Automatic Gain Control technology which greatly ensures the audio signal remaining as hi-fi amplification, and effectively protects the amplifiers and speakers against clipping and distortion.

With perfect circuit protection: Short circuit protection,
soft-start, over-current protection, over-voltage protection, over-heat protection,
DC protection, clippling and limiting and VHF protection.





SPECIFICATIONS

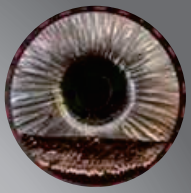
Model No.	TD 30000
Stereo 8 ohm	2 x 3400W
Stereo 4 ohm	2 x 4800W
Stereo 2 ohm	2 x 6200W
Bridge 8ohm	1 x 9000W
Bridge 4ohm	1 x 11800W
Frequency Response	10Hz-20kHz/±0.35dB
THD+N(20Hz-20kHz)	≤0.5%@8Ω 1kHz
S/N Rate(20Hz-20kHz)	> 99dB
Crosstalk(1kHz)	> 70dB
Slew Rate	> 35 V/μs
Damping Factor	> 5500（8 ohm)20Hz to 100Hz
Output RMS Voltage (THD=1%,1kHz)	46.3dB(0.775V:165V)
Input Sensitivity	0.775V/1V/1.4V
Input Impedance	10KΩ balance/20KΩ unbalance
Input Connectors	XLR Active Balanced Pin1 Gnd/ Pin2+/Pin 3-
Output Connectors	2 Neutrik NL4 Sockets/2 input Posts
Protection	Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.
Operating Voltage	110V/220V 50/60Hz
Fuse	F-40A
Power Consumption (Idle)	< 330W
Power Consumption (Max)	< 12000W
Circuit	CLASS TD
Dimensions(LxWxD)	619*484*132mm/3U
Package(LxWxD)	703*550*185mm
Net Weight	46Kg
Gross Weight	49Kg

MODEL TD 65000 PLUS

NEW PRODUCT



PROFESSIONAL POWER AMPLIFIER



Transformer
Pure Japanese
TD Class
Power Amplifier



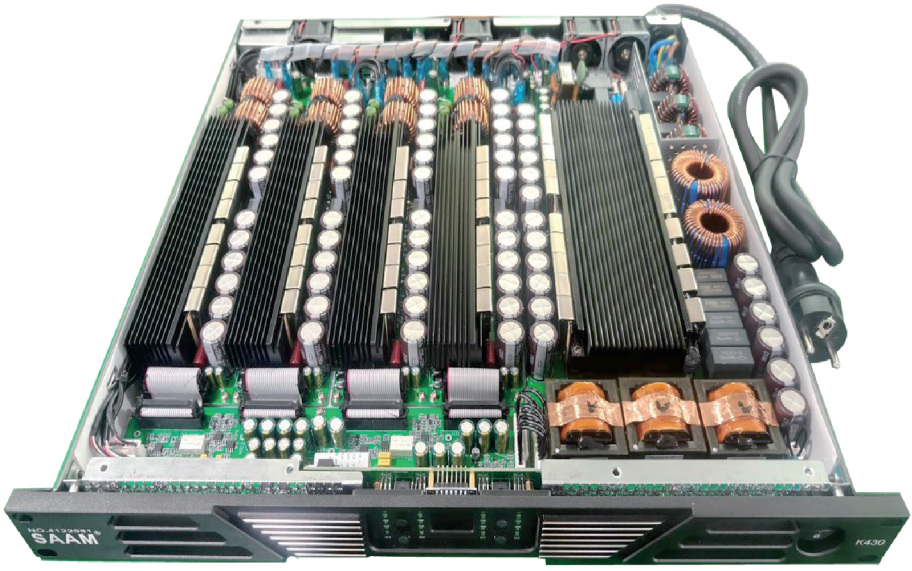
SAAM-65000 TD
Dual Transformer
Specification:

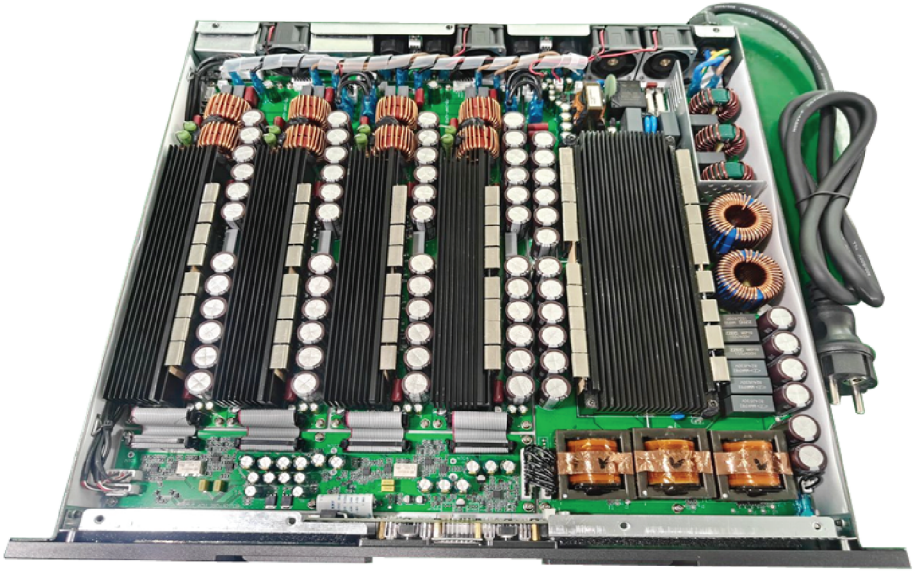
Stereo Power 1KHz 0.1% THD	8Ω	2 x 6.200 W
	4Ω	2 x 9.300W
	2Ω	2 x 11.150 W
Bridge Mono 1KHz 0.1% THD	8Ω	15.600 W
	4Ω	18.700 W



MODEL K-430

CLASS D AMPLIFIER





Specification

4*2000 watt 8ohm
4*3600 watt 4ohm
4*4500 watt 2ohm

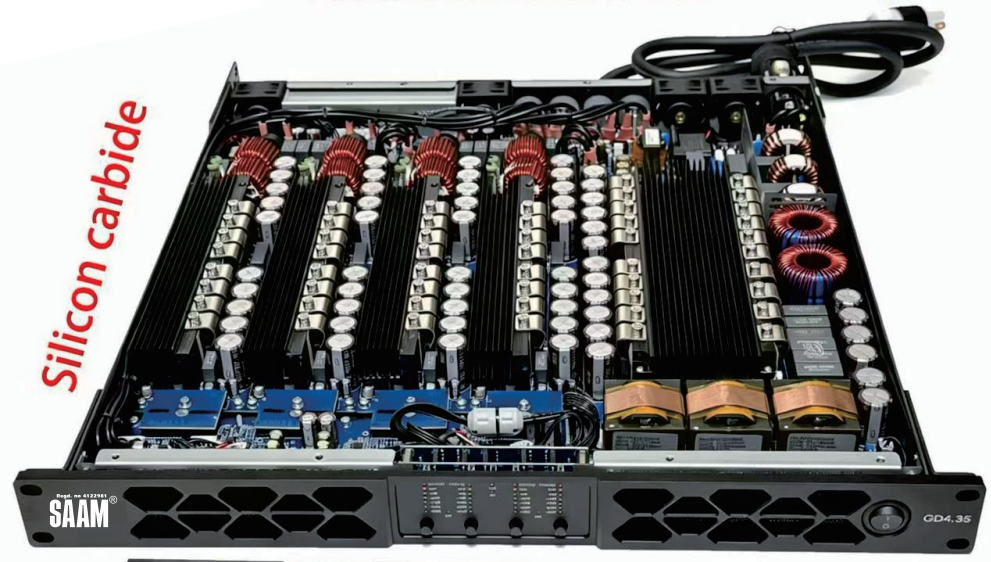
2*7200 watt 8ohm BTL
2* 9000 watt 4ohm BTL
NW : 12.05kg/pcs
GW: 13.50kg/pcs

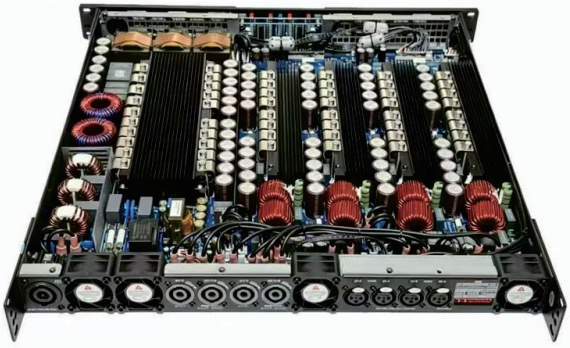
Regd. no 4122981
SAAM®

MODEL: GD4.35

4*3500W CLASS D POWER AMPLIFIER

NEW





Specification

4*3500 watt 8 ohm

4*6500 watt 4 ohm

4*7500 watt 2 ohm

2*13000 watt 8 ohm BTL

2*15000 watt 4 ohm BTL

NW: 13.05kg/pcs

GW: 14.50kg/pcs

Product： 482*460*44mm

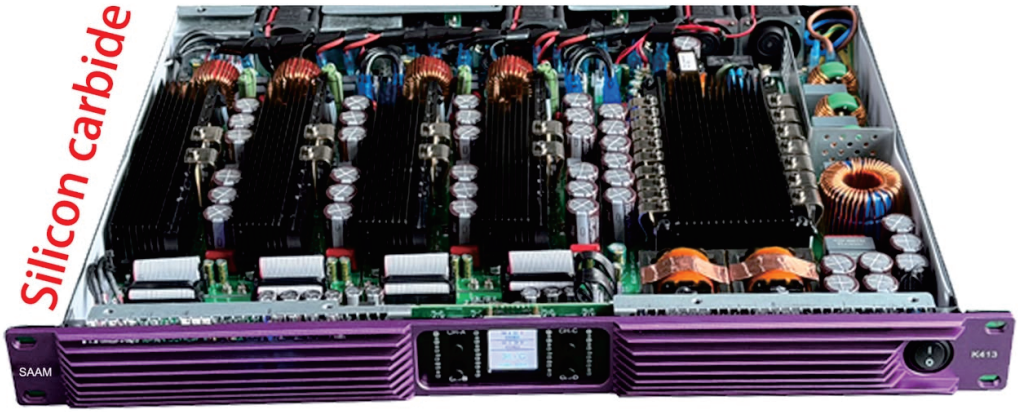
Packing： 625*625*135mm

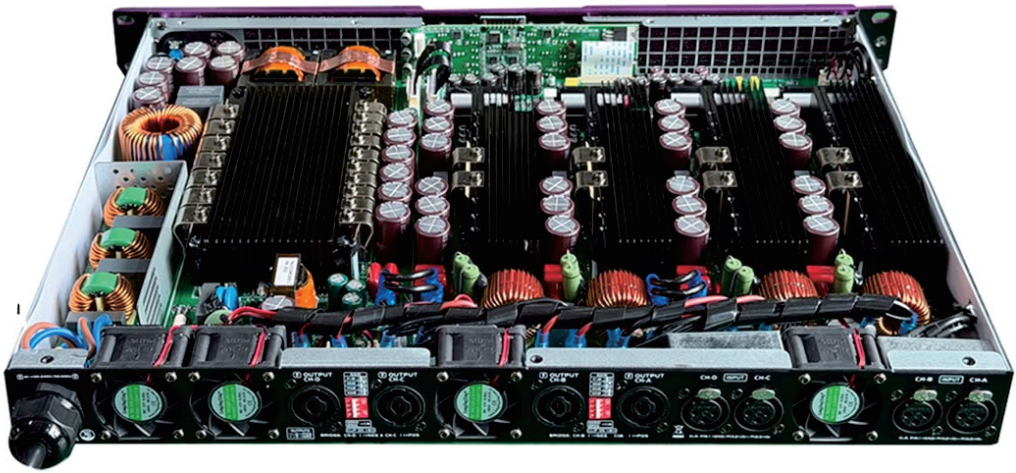
Regd. no 4122981
SAAM®

MODEL: K413

4*1300W CLASS D AMPLIFIER

NEW





Specification
4*1300 watt 8 ohm
4*2200 watt 4 ohm
4*3740 watt 2 ohm
2*4400 watt 8 ohm BTL
2*7480 watt 4 ohm BTL
NW: 8.5kg/pcs
GW: 9.5kg/pcs
Product : 482*460*44mm
Packing : 625*625*135mm

Long Term Stable on 2ohm

MODEL : TD45000

Transistor
MJL21193/MJL21194
Pure Copper Transformer



SPECIFICATIONS

8ohms stereo-4000w
4ohms stereo-5500w
2ohms stereo-7000w
8ohms bridge-9500w
4ohms bridge-14500w

Damping Factor	>5700 (8 ohm)20Hz to 100Hz
Output RMS Voltage (THD=1%,1kHz)	46.3dB(0.775V:165V)
Input Sensitivity	0.775V/1V/1.4V
Input Impedance	10KΩ balance/20KΩ unbalance
Input Connectors	XLR Active Balanced Pin1 Gnd/ Pin2+/Pin 3-
Output Connectors	2 Neutrik NL4 Sockets/2 input Posts
Protection	Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.
Operating Voltage	110V/220V 50/60Hz

Long Term Stable on 2ohm

TD 35000 PLUS POWER AMPLIFIER

TD FEATURES

TD series is a ultra-high power amplifier designed for bars, live concert and other large performance events.
The unquie class TD design with years of real application experiences and improvement,

TD series offers strong power and able to work at 2 ohm stabely and endurably.

The whole series is adopped with Automatic Gain Control technology which greatly ensures the audio signal remaining as hi-fi amplification, and effectively protects the amplifiers and speakers against clipping and distortion.

With perfect circuit protection: Short circuit protection,
soft-start, over-current protection,over-heat protection,
DC protection, clippling and limiting and VHF protection.

Transistor
MJL21193/MJL21194
Pure Copper Transformer

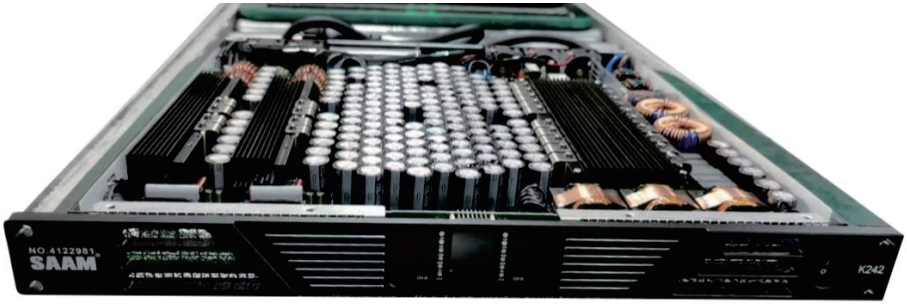
New

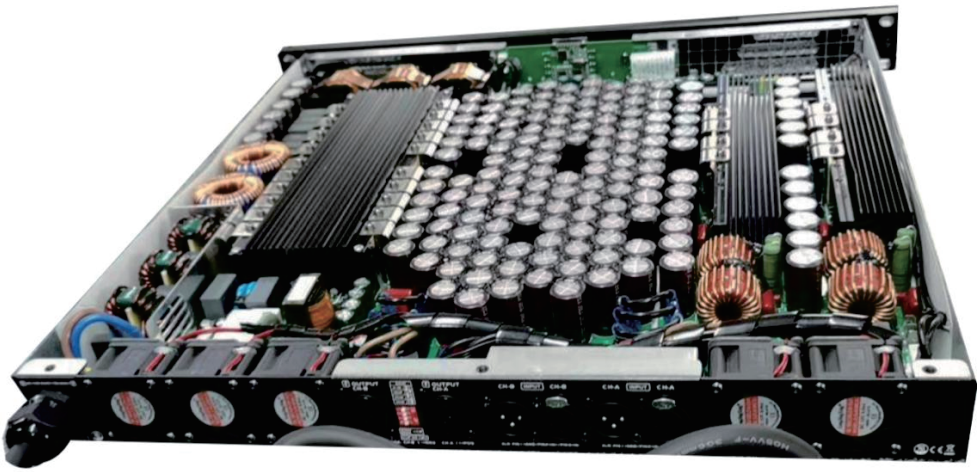


SPECIFICATIONS

Model No.	TD 35000 plus
Stereo 8 ohm	2 x 3800W
Stereo 4 ohm	2 x 5000W
Stereo 2 ohm	2 x 6300W
Bridge 8ohm	1 x 9000W
Bridge 4ohm	1 x 13500W
Frequency Response	10Hz-20kHz/±0.35dB
THD+N(20Hz-20kHz)	≤0.5%@8Ω 1kHz
S/N Rate(20Hz-20kHz)	＞99dB
Crosstalk(1kHz)	＞70dB
Slew Rate	＞35 V/μs
Damping Factor	＞5500 （8 ohm)20Hz to 100Hz
Output RMS Voltage (THD=1%,1kHz)	46.3dB(0.775V:165V)
Input Sensitivity	0.775V/1V/1.4V
Input Impedance	10KΩ balance/20KΩ unbalance
Input Connectors	XLR Active Balanced Pin1 Gnd/ Pin2+/Pin 3-
Output Connectors	2 Neutrik NL4 Sockets/2 input Posts
Protection	Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.
Operating Voltage	110V/220V 50/60Hz
Fuse	F-40A
Power Consumption (Idle)	＜330W
Power Consumption (Max)	＜12000W
Circuit	CLASS TD
Dimensions(LxWxD)	619*484*132mm/3U
Package(LxWxD)	703*550*185mm
Net Weight	46Kg
Gross Weight	49Kg

MODEL : CLASS D K242





SPECIFICATION

2*4200 watt 8ohm
2* 7800 watt 4ohm
2*8500 watt 2ohm
2* 15600 watt 8ohm BTL
2*17000 watt 4ohm BTL
NW : 12kg/pcs
GW : 13kg/pcs
Product : 482*460*44mm
Packing : 625*625*135mm

TD CLASS 16000

Long Term Stable on 2ohm

New

Transistor

MJL21193/MJL21194

Pure Copper Transformer





Specifications

8ohms stereo-3000w
4ohms stereo-4000w
2ohms stereo-5000w
8ohms bridge-7000w
4ohms bridge-10000w
Damping 3500

NW: 38.5kg/pcs GW: 40.5kg/pcs

Packing Size : 55*66.3*18.5cm/pcs

Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.

MODEL : H CLASS 41500

New

Transistor

TOSHIBA 2SC5200/2SA1943

Pure Copper Transformer

NEW MODEL 4 CHANNEL AMP



Specifications

4x1500 watt 8ohm

4x2250 watt 4ohm

5800 watt Bridge 8 ohm

6900 watt Bridge 4 ohm

Damping Factor >800

NW: 36.5kg/pcs GW: 38.5kg/pcs

Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.

Long Term Stable on 2ohm

MODEL : PA9.0 PRO

Transistor
MJL21193/MJL21194
Pure Copper Transformer

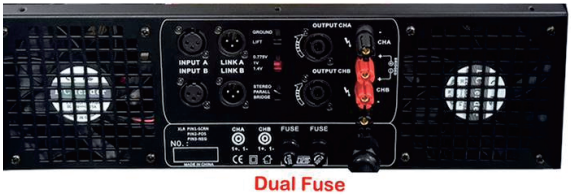
NEW



PROFESSIONAL POWER AMPLIFIER

SPECIFICATIONS

2*4200 watt 8 ohm
2*5500 watt 4 ohm
2*7100 watt 2 ohm
9800 watt Bridge 8 ohm
14800 watt Bridge 4 ohm
Nw:55Kg/PCS Gw:60Kg/PCS
Packing Size:80.3*56*21cm



Dual Fuse

Damping Factor	> 6000 (8 ohm)20Hz to 100Hz
Output RMS Voltage (THD=1%,1kHz)	46.3dB(0.775V:165V)
Input Sensitivity	0.775V/1V/1.4V
Input Impedance	10KΩ balance/20KΩ unbalance
Input Connectors	XLR Active Balanced Pin1 Gnd/ Pin2+/Pin 3-
Output Connectors	2 Neutrik NL4 Sockets/2 input Posts
Protection	Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.
Operating Voltage	110V/220V 50/60Hz

Long Term Stable on 2ohm

MT28000 POWER AMPLIFIER

MT SERIES FEATURES
Independent power supply obtains powerfully dynamic energy release.
With perfect circuit protection: soft-start, over-current protection,
over-voltage protection, over-heat protection,
DC protection, clipping and limiting protection.

Transistor
MJL21193/MJL21194
Pure Copper Transformer



SPECIFICATIONS

THE HERCULES

Model No.	MT28000
Stereo 8 ohm	2 x 3000W
Stereo 4 ohm	2 x 4000W
Stereo 2 ohm	2 x 5000W
Bridge 8ohm	1 x 7000W
Bridge 4ohm	1 x 9500W
Frequency Response	10Hz-20kHz/±0.35dB
THD+N(20Hz-20kHz)	≤0.5%@8Ω 1kHz
S/N Rate(20Hz-20kHz)	＞102dB
Crosstalk(1kHz)	＞70dB
Slew Rate	＞38 V/μs
Damping Factor	＞5500 (8 ohm)20Hz to 100Hz
Output RMS Voltage (THD=1%,1kHz)	45.4dB(0.775V:144V)
Input Sensitivity	0.775V/1V/1.4V
Input Impedance	10KΩ balance/20KΩ unbalance
Input Connectors	XLR Active Balanced Pin1 Gnd/ Pin2+/Pin 3-
Output Connectors	2 Neutrik NL4 Sockets/2 input Posts
Protection	Short circuit protection,soft-start, over-current protection, over-heat protection, DC protection, clippling and limiting and VHF protection.
Operating Voltage	110V/220V 50/60Hz
Fuse	F-40A
Power Consumption (Idle)	＜100W
Power Consumption (Max)	＜5000W
Circuit	CLASS H3
Dimensions(LxWxD)	616*483*133mm/3U
Package(LxWxD)	733*557*190mm
Net Weight	50Kg
Gross Weight	54Kg

MT PROFESSIONAL H CLASS AMPLIFIER

MT SERIES

14 TRANSISTORS MT1201 / MT1601 ON EACH SIDE



MT 1601

THE BRUTE!



PATENTS ON MT SERIES

- **Special SLDD™ sound dynamic processing circuit :** An inbuilt 0.5dB-0.8dB limiter delay, which is variable in delay value over frequencies. In this the channel gain is automatically reduced, protecting the loudspeakers from potential damage from high power, otherwise continuous square waves would be produced.
- **Perfect LX™ input overload limiter protection :** The input works differently over varying frequencies and temperatures. This will ensure clean distortion-less sound.
- **Auto Ramp :** operates every time the amplifier is turned on or is reactivated after a protect condition is corrected. This exclusive **SAAM BY TUNEX** feature gradually increases gain to the attenuator setting thereby avoiding unnecessary stress on the loudspeakers.
- **LRS™ Short Circuit Protection :** If an output is shorted (i.e., defective speakers or crossed speaker wires) the LRS™ will automatically Protect the amplifier. The LRS™ circuit senses the short circuit as an extremely stressful load condition and attenuates the signal, protecting the channel's output transistors from over-current stress.
- **Subsonic Frequencies :** Built- in high pass filtering provides subsonic frequency protection for each channel.

99% Reliability

Built - In Crossover

Stable @ 2 ohms

Mt1801:12x100v/15000uF Capacitors =HIGHER HEADROOM

Original Neutrik Speakons

Sturdy construction

MODEL	MT1601	MT1201
2 Ω EIA 1kHz 1%TH	3300 W	2500 W
4 Ω EIA 1kHz 1%TH	2250 W	1850 W
8 Ω EIA 1kHz 1%TH	1700 W	1350 W
8 Ω Bridge Mono	4200 W	3700 W
4 Ω Bridge Mono	₹6500 W	5000 W
Distortion (SMPTE-1	<0.01%	
S/N Ratio	103 dB	
Damping Factor	> 1200	>800
Frequency Respons	20 Hz - 20 kHz	
Class	H	
EIA Rack Space	3	
Dim.(W X H X D) mn	482 x 132 x 483	
Weight (In Kgs)	47	41

Mt1601...3300+3300W RMS @ 2 Ohms

Damping >1200



MT-1201...2500+2500W RMS @ 2 Ohms



PURE COPPER TRANSFORMER

MT Series are the highest selling series of professional Amplifiers in its class in India, they offer a stupendous 99% reliability and the internal hardware is strong to handle the riggers of transportation, it has heart throbbing bass and when coupled with **SAAM** 18" bass drivers and has one of the highest quality to value for money ratio. MT1201 Transistor PCBs use highly stable ONSEM 28 nos NJW0302 & 28 nos NJW0281 output transistors to give outstanding power. Carling switch circuit breaker is used which ensures very good DC inrush protection. The lowest power consumption is less than 0.1A when working without load. MT series aims at mid end market segment and professional fixed installation market with people who have tight budgets and need stable and a high quality amplifier. Its is great for large performances, discotheques, nightclubs, stadiums, cinemas, rental and live performances

Damping : >1200 in MT 1601 & >800 in MT 1201

INDIA'S FAVORITE POWER AMPLIFIER

MT1601 Key Features

- Capacitors Wima / Rubycon for better imaging of and natural sound
- 2 oz thick PCB to handle powerful current and thereby ensuring greater reliability and safety
- MT1601 uses 12pcs of 100V/15000uF big capacitors to ensure higher headroom
- MT1801 uses 12pcs of 100V/15000uF big capacitors to ensure higher headroom
- MT1601/MT1801 use transformer with more headroom to ensure very high reliability. Even when the amplifier is under stress, very heavy load (for example, 2ohms) for long period of times, the amp is still very cool and as you are aware heat is the biggest killer for the amp.
- Stable performance / precise workmanship.
- Low power consumption less than 0.1A when working without load & Zero noise.
- High-efficient APS circuit for best power supply & Perfect limiter circuit protects your loudspeakers.
- Multiple temperature cooling fans
- Built-in High Pass & Low Pass Crossover
- Specialized system protection circuit, comprehensive, safe, reliable & accurate such as Short circuit protect, Over load protect, DC protect, (inrush audio peak) Limiter Soft start, High Temp protect, HF protect, Back - EMF protect etc.
- Stereo / Parallel / Bridge Modes

Long Term Stable on 2ohm

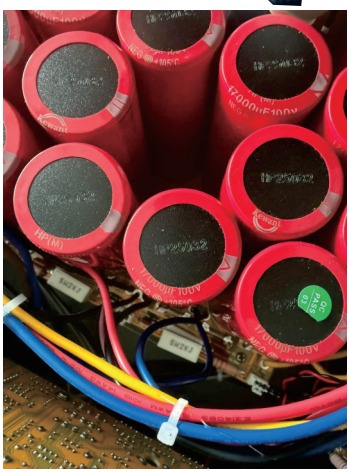
MODEL	Mt1801
2 Ω EIA 1kHZ 1% THD	3500 W
4 Ω EIA 1kHZ 1% THD	2650 W
8 Ω EIA 1kHZ 1% THD	2050 W
8 Ω Bridge Mono	5000 W
4 Ω Bridge Mono	7000 W
Damping Factor	>1800
Weight (In Kgs)	48

MT 1801 POWER AMPLIFIER

WITH HEAVY POWER SUPPLY
& HEAVY PURE COPPER
TRANSFOMER







MT1801:12x100v/17000UF
CAPACITORS
=HIGHER HEADROOM

MT PROFESSIONAL H CLASS AMPLIFIER

SPECIFICATIONS:

Model	MT4500	AD 8002
8Ω Stereo Power	2 X 1500W	3600 W
4Ω Stereo Power	2 X 2150W	2750 W
2Ω Stereo Power	2 X 2800W	2150 W
8Ω BTL	4100W	5100 W
4Ω BTL	6000W	7200 W
Frequency Response	5--30K	5--30K
THD+N	< 0.05% @8Ω 1/3Po	< 0.05% @8Ω 1/3Po
S/N Ratio	> 100dB	> 100dB
Slew Ratio	21V/u S	21V/u S
Damping Factor	> 1400	> 2000
Crosstalk	>65dB@8Ω 1KHz	>65dB@8Ω 1KHz
Input Impedance	20KΩ(Balance)/10KΩ(Unbalance)	20KΩ(Balance)/10KΩ(Unbalance)
Input Sensitivity	0.8V/1.6V	0.8V/1.6V
Protect	Overheat short circuits,DC,limit and--softstart,Output relay-Zero Current Switch,Intellctual Clip limiter	
Height	3U	3U
Gross Weight	45KG	48KG
Dimensions	650 × 585 × 160MM	650 × 585 × 160MM

Long Term Stable on 2ohm





4 LAYER VOICE COIL

MODEL : HD21FC330

21 INCH FERRITE SUBWOOFER

SPECIFICATION

Nominal diameter	21	mm/inch
Rated impedance	8	ohm
Nominal power	3800	W
Maximum power	7600	W
Sensitivity (1w/1m)	97	dB
Frequency response	29-500K	Hz
Voice coil diameter	153/6	mm/ inch
Voice coil material	Copper	mm
Magnet	Ferrite	m/ inch
Magnet Size	330*50mm	mm
Y35 MAGNET		
Carbon Fibre Cone		

Inside Shorting Circuit Ring Technology

T/S PARAMETER

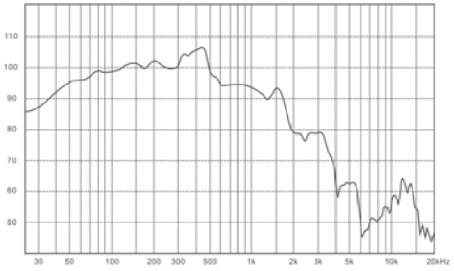
Fs	29	Hz
Re	5	?
Qes	0.23	
Qts	0.23	
Qms	11.2	
Vas	287.2	L
Cms	0.07	mm/N
Mms	403	gr
BL	40	N/A
Le	1.6	mH

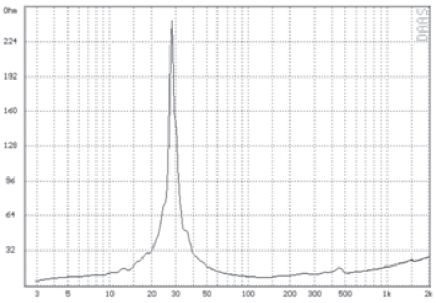
MOUNTING INFORMATION

Overall diameter	568	mm
Bolt Circle diameter	552	mm
Baffle Cutout diameter	496	mm
Depth	258	mm
Net weight	41	KG
Shipping	62*61*38	mm









MODEL : HD21FC280

21 INCH FERRITE SUBWOOFER

SPECIFICATION

Nominal diameter	21	mm/inch
Rated impedance	8	ohm
Nominal power	2500	W
Maximum power	5000	W
Sensitivity (1w/1m)	95.6	dB
Frequency response	29-500	Hz
Voice coil diameter	152/6	mm/ inch
Voice coil material	Copper	mm
Magnet	Ferrite	mm/ inch
Magnet Size	280*20mm	mm
Y35 MAGNET	*2PCS	
Carbon Fibre Cone		

Inside Shorting Circuit Ring Technology

T/S PARAMETER

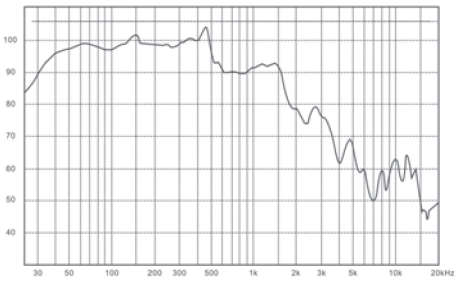
Fs	29	Hz
Re	5.2	?
Qes	0.32	
Qts	0.31	
Qms	13	
Vas	278.9	L
Cms	0.07	mm/N
Mms	414.6	gr
BL	34.5	N/A
Le	1.8	mH

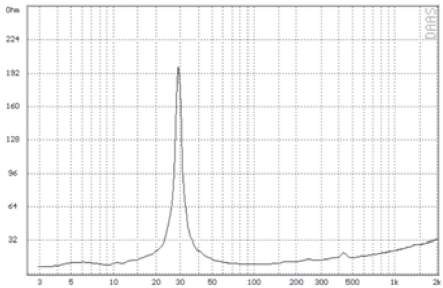
MOUNTING INFORMATION

Overall diameter	568	mm
Bolt Circle diameter	552	mm
Baffle Cutout diameter	496	mm
Depth	248	mm
Net weight	25.3	KG
Shipping	62*61*36	mm









MODEL : HD21NC152A

21 INCH NEODYMIUM SUBWOOFER

SPECIFICATION

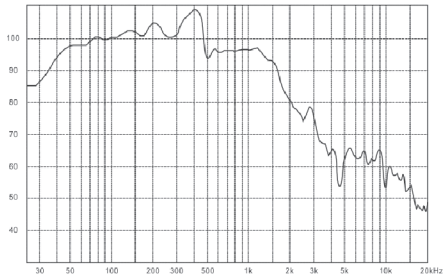
Nominal diameter	21	mm/inch
Rated impedance	8	ohm
Nominal power	3000	W
Maximum power	6000	W
Sensitivity (1w/1m)	96.5	dB
Frequency response	33-500	Hz
Voice coil diameter	153/6	mm/ inch
Voice coil material	Copper	
Voice coil	Neodymium	
material size	154*14	mm
Carbon Fibre Cone		
Inside Shorting Circuit Ring Technology		

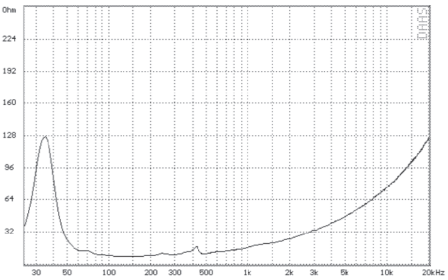




T/S PARAMETER

Fs	33	Hz
Re	5.1	
Qes	0.27	
Qts	0.26	
Qms	11	
Vas	182.5	L
Cms	0.05	mm/N
Mms	438.9	gr
BL	42.6	N/A
Le	1.5	mH





MOUNTING INFORMATION

Overall diameter	548	mm
Bolt Circle diameter	526	mm
Baffle Cutout diameter	506	mm
Depth	265	mm
Net weight	19	KG
Shipping	62*61*38	mm

MODEL 18SW10009N

SPECIFICATIONS

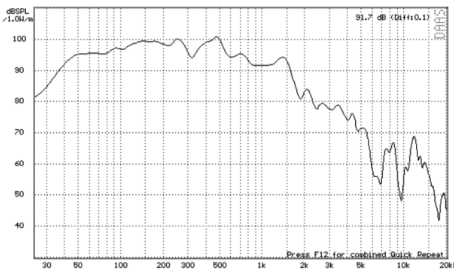
Nominal diameter	18	mm/inch
Rated impedance	8	ohm
Nominal power	2000	W
Maximum power	4000	W
Sensitivity (1w/1m)	97	dB
Frequency response	35-1.5K	Hz
Voice coil diameter	152/6	mm/ inch
Voice coil material	CCAW In&Out	
Cone	Carbon Fiber	
Magnet Grade	Neodymium N38SH	
Magnet Size	150*14	mm

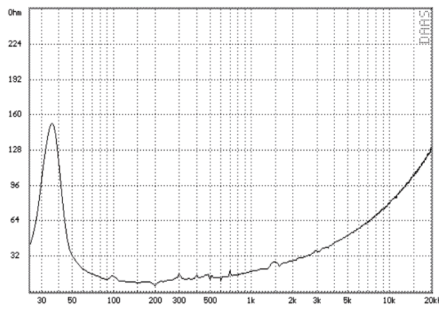




THIELE SMALL PARAMETERS

Fs	35	Hz
Re	5.6	Ω
Qes	0.25	
Qts	0.24	
Qms	13.9	
Vas	145.8	L
Cms	0.07	mm/N
Mms	290	gr
BL	39	N/A
Le	1.6	mH





MOUNTING INFORMATION

Overall diameter	464	mm
Bolt Circle diameter	446	mm
Baffle Cutout diameter	425	mm
Depth	236	mm
Net weight	17.5	KG
Shipping	58*58*30	mm

MODEL S18WF15208N

SPECIFICATIONS

TYPE	Subwoofer
Nominal Diameter	460 mm/18in
Rated impedance	8 ohm
Nominal Power (AES)	2000 W
Peak Power	4000 W
Sensitivity (1w/1m)	95.5 dB
Frequency Range	38Hz-1000Hz
Voice Coil Diameter	152 mm/6 in
Voice Coil Material	Copper out/in
Magnet Size	Neo 145*10mm

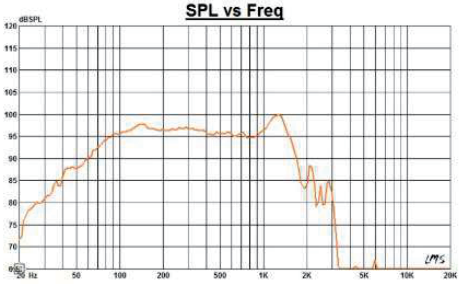




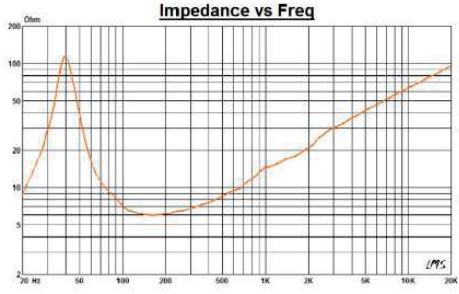
THIELE SMALL PARAMETERS

Fs	38 Hz
Re	5.6 ohm
Qms	6.9
Qes	0.4
Qts	0.38
Vas	91 L
Sd	0.124 m^2
Mms	325 g
BL	37 T.M

SPL vs Freq



Impedance vs Freq



MOUNTING INFORMATION

Overall Diameter	□ 464mm/□ 18.27 in
Bolt Circle Diameter	□ 445 mm/□ 17.5 in
Mount Baffle Cut-out	□ 422 mm/□ 16.6 in
Depth	220 mm/8.7 in
Bolt Hole Diameter	8- □ 7mm/8-□ 0.28 in

MODEL : HD18SF130

18 INCH FERRITE SUBWOOFER

SPECIFICATION

Nominal diameter	18	mm/inch
Rated impedance	8	ohm
Nominal power	2000	W
Maximum power	4000	W
Sensitivity (1w/1m)	96	dB
Frequency response	31-1500	Hz
Voice coil diameter	130/5.2	mm/ inch
Voice coil material	Copper	mm
Magnet	Ferrite	mm/ inch
Magnet Size	280*30	mm
Y35 MAGNET		
Malaysian Cone		

Inside Shorting Circuit Ring Technology

T/S PARAMETER

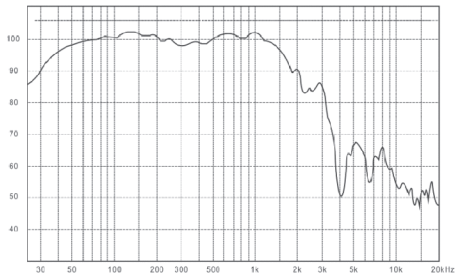
Fs	31	Hz
Re	5.1	?
Qes	0.3	
Qts	0.3	
Qms	16.2	
Vas	208	L
Cms	0.1	mm/N
Mms	266.2	gr
BL	30.1	N/A
Le	1.5	mH

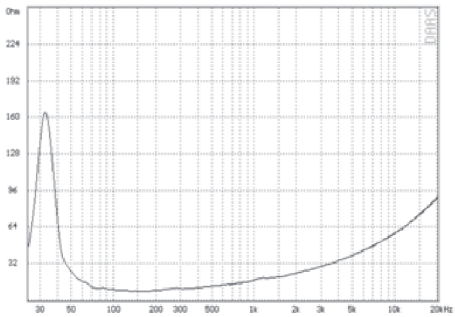
MOUNTING INFORMATION

Overall diameter	466	mm
Bolt Circle diameter	445	mm
Baffle Cutout diameter	422	mm
Depth	210	mm
Net weight	21	KG
Shipping	500*500*250	mm









MODEL S15WF12522

SPECIFICATIONS

TYPE	Subwoofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
Nominal Power (AES)	1400 W
Peak Power	2400 W
Sensitivity (1w/1m)	96.5 dB
Frequency Range	35Hz-1800Hz
Voice Coil Diameter	125 mm/5 in
Voice Coil Material	Copper out/in
Magnet Size	Ferrite 280*40mm
Y35 MAGNET	

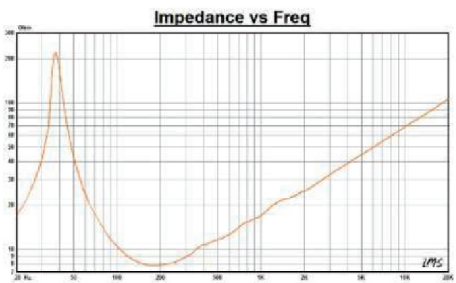




THIELE SMALL PARAMETERS

Fs	36 Hz
Re	5.7 ohm
Qms	9.04
Qes	0.233
Qts	0.23
Vas	99L
Sd	0.0887 m^2
Mms	201 g
BL	34 T.M





MOUNTING INFORMATION

Overall Diameter	□ 389 mm/□ 15.3in
Bolt Circle Diameter	□ 370.5 mm/□ 14.6 in
Mount Baffle Cut-out	□ 356 mm/□ þ 14 in
Depth	□ 178mm/□ 7.0 in
Bolt Hole Diameter	8-□7mm/8-□ 0.28 in

MODEL S15WF10015

SPECIFICATIONS

TYPE	Woofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
Nominal Power (AES)	1200 W
Peak Power	1600 W
Sensitivity (1w/1m)	96 dB
Frequency Range	49Hz-2000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in
Magnet Size	Ferrite 220*25mm
Y35 MAGNET	

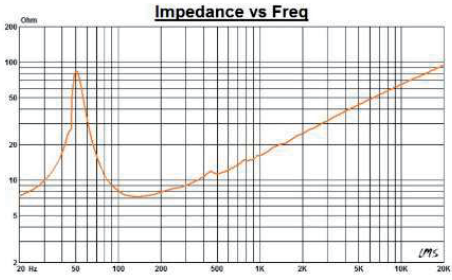




THIELE SMALL PARAMETERS

Fs	49 Hz
Re	5.0 ohm
Qms	6.601
Qes	0.3738
Qts	0.35
Vas	73L
Sd	0.0897 m^2
Mms	155.9759 g
BL	25.6 T.M





MOUNTING INFORMATION

Overall Diameter	□ 393mm/□ 15.5 in
Bolt Circle Diameter	□ 374 mm/□ 14.7 in
Mount Baffle Cut-out	□ 356 mm/□ 14 in
Depth	165 mm/6.5 in
Bolt Hole Diameter	8-□7mm/8-□0.28 in

MODEL 15WF10006NM

SPECIFICATIONS

TYPE	Subwoofer
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
Nominal Power (AES)	1200 W
Peak Power	1600 W
Sensitivity (1w/1m)	96 dB
Frequency Range	42Hz-2000Hz
Voice Coil Diameter	100 mm/4 in
Voice Coil Material	Copper out/in
Magnet Size	Neo 33*12mm





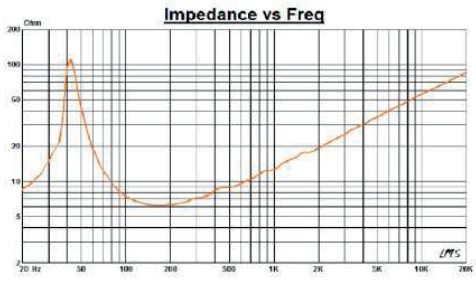
THIELE SMALL PARAMETERS

Fs	43 Hz
Re	5.0 ohm
Qms	6.8466
Qes	0.3590
Qts	0.3411
Vas	94.3857L
Sd	0.0903 m^2
Mms	161.5894 g
BL	25 T.M



MOUNTING INFORMATION

Overall Diameter	□ 394 mm/□ 15.5 in
Bolt Circle Diameter	□ 3.76 mm/□ 14.8 in
Mount Baffle Cut-out	□ 358 mm/□ 14.1 in
Depth	170 mm/6.7 in
Bolt Hole Diameter	8-7mm/8-0.28 in



MODEL 15WF10004N

SPECIFICATIONS

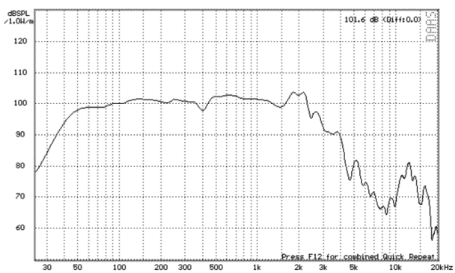
Nominal diameter	15	mm/inch
Rated impedance	8	ohm
Nominal power	800	W
Maximum power	1600	W
Sensitivity (1w/1m)	97.5	dB
Frequency response	42-2.5K	Hz
Voice coil diameter	100/4	mm/ inch
Voice coil material	CCAW In&Out	mm
Magnet Grade	Neodymium N38H	
Magnet Size	24.5*10	mm

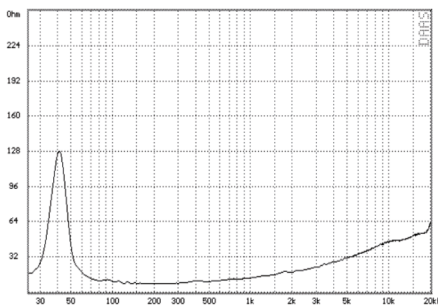




THIELE SMALL PARAMETERS

Fs	42	Hz
Re	5.6	Ω
Qes	0.37	
Qts	0.33	
Qms	3.98	
Vas	165.9	L
Cms	0.14	mm/N
Mms	100.3	gr
BL	23	N/A
Le	0.9	mH





MOUNTING INFORMATION

Overall diameter	395	mm
Bolt Circle diameter	378	mm
Baffle Cutout diameter	360	mm
Depth	165	mm
Net weight	7	KG
Shipping	44*43*22	mm

MODEL 15WF8603N

SPECIFICATIONS

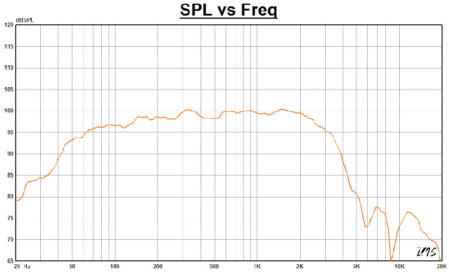
TYPE	Mid-bass
Nominal Diameter	380 mm/15 in
Rated impedance	8 ohm
Nominal Power (AES)	1000 W
Peak Power	1200 W
Sensitivity (1w/1m)	97 dB
Frequency Range	45Hz-3000Hz
Voice Coil Diameter	88 mm/3.5 in
Voice Coil Material	Copper out/in
Magnet Size	NEO 74*10mm



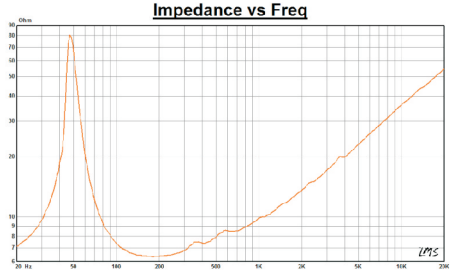
THIELE SMALL PARAMETERS

Fs	45 Hz
Re	5.3 ohm
Qms	6.25
Qes	0.44
Qts	0.41
Vas	129.56L
Sd	0.0871 m^2
Mms	101 g
BL	19 T.M

SPL vs Freq



Impedance vs Freq



MOUNTING INFORMATION

Overall Diameter	394 mm/ 15.5 in
Bolt Circle Diameter	374 mm/ 14.7 in
Mount Baffle Cut-out	358 mm/ 14.1 in
Depth	169mm/6.65 in
Bolt Hole Diameter	8-7mm/8-0.28 in

MODEL : 15WF10020N

SPECIFICATIONS

TYPE	Mid-bass
Nominal Diameter	380 mm/15in
Rated impedance	8 ohm
Nominal Power (AES)	800 W
Peak Power	1600 W
Sensitivity (1w/1m)	98 db
Frequency Range	65Hz-3000Hz
Volce Coll Diameter	100 mm/4 in
Voice Coil Material	Copper in/out
Magnet Size	Neo 97*10mm





THIELE SMALL PARAMETERS

Fs	65 Hz
Re	5.5 ohm
Qms	6.25
Qes	0.47
Qts	0.45
Vas	41L
Sd	0.0919m^2
MMS	125g
BL	26.5 T.M



MOUNTING INFORMATION

Overall Diameter	Φ 394 mm/ Φ 15.5 in
Bolt Circle Diameter	Φ 374 mm/ Φ 14.7 in
Mount Baffle Cut-out	Φ 356 mm/ Φ 14 in
Depth	170 mm/6.69 in
Bolt Hole Diameter	8-7mm/8-0.28 in



MODEL 15WF10005

SPECIFICATIONS

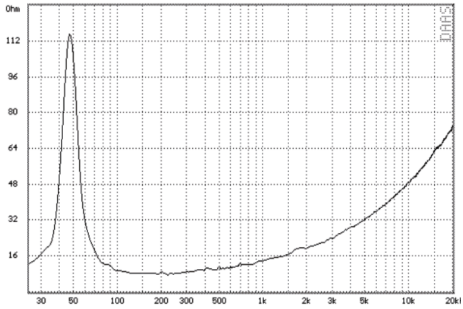
Nominal diameter	15	mm/inch
Rated impedance	8	ohm
Nominal power	800	W
Maximum power	1600	W
Sensitivity (1w/1m)	97	dB
Frequency response	48-3K	Hz
Voice coil diameter	100/4	mm/ inch
Voice coil material	CCAW In&Out	mm
Magnet Grade	Ferrite Y35	
Magnet Size	220*25	mm

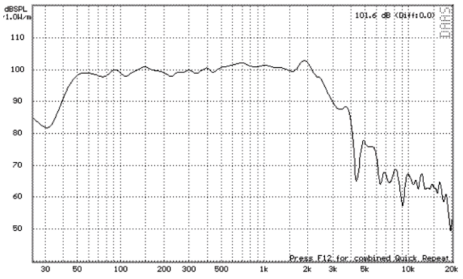




THIELE SMALL PARAMETERS

Fs	48	Hz
Re	5.4	Ω
Qes	0.39	
Qts	0.38	
Qms	12.48	
Vas	110	L
Cms	0.1	mm/N
Mms	107	gr
BL	24	N/A
Le	0.9	mH





MOUNTING INFORMATION

Overall diameter	394/425	mm
Bolt Circle diameter	410	mm
Baffle Cutout diameter	370	mm
Depth	170	mm
Net weight	12.3	KG
Shipping	44*43*24	mm

MODEL 15WF10003

SPECIFICATIONS

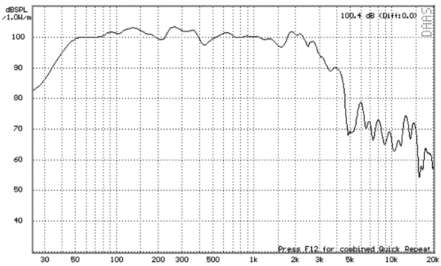
Nominal diameter	15	mm/inch
Rated impedance	8	ohm
Nominal power	800	W
Maximum power	1600	W
Sensitivity (1w/1m)	96	dB
Frequency response	46-2.8K	Hz
Voice coil diameter	100/4	mm/ inch
Voice coil material	CCAW In&Out	mm
Magnet Grade	Ferrite Y35	
Magnet Size	220*25	mm

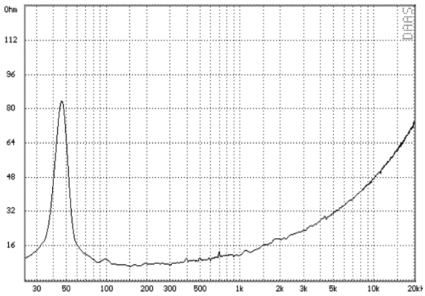




THIELE SMALL PARAMETERS

Fs		46	Hz
Re		5.4	Ω
Qes		0.5	
Qts		0.49	
Qms		15	
Vas		120	L
Cms		0.1	mm/N
Mms		114	gr
BL		21	N/A
Le		1	mH





MOUNTING INFORMATION

Overall diameter	393	mm
Bolt Circle diameter	374	mm
Baffle Cutout diameter	354	mm
Depth	156	mm
Net weight	11	KG
Shipping	44*43*22	mm

MODEL : HD12NL400

12 INCH NEODYMIUM WOOFER

SPECIFICATION

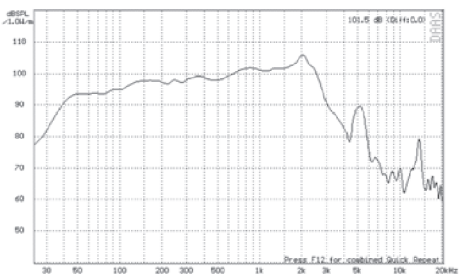
Nominal diameter	12	mm/inch
Rated impedance	8	ohm
Nominal power	800	W
Maximum power	1600	W
Sensitivity (1w/1m)	97.5	dB
Frequency response	60-2K	Hz
Voice coil diameter	100/4	mm/ inch
Voice coil material	CCAW In&Out	
Cone	Malaysian	
Magnet	Neodymium	mm/ inch
Magnet Size	97*10	mm
Inside Shorting Circuit Ring Technology		

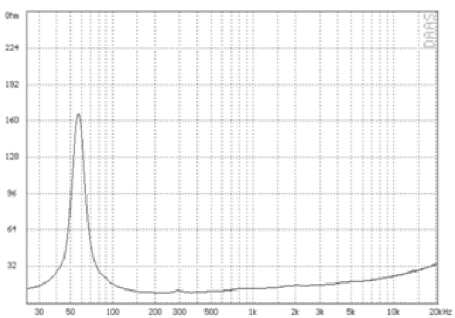




T/S PARAMETER

Fs	60	Hz
Re	5.6	?
Qes	0.31	
Qts	0.28	
Qms	3.75	
Vas	50.6	L
Cms	0.13	mm/N
Mms	56.2	gr
BL	21	N/A
Le	0.4	mH





MOUNTING INFORMATION

Overall diameter	315	mm
Bolt Circle diameter	297	mm
Baffle Cutout diameter	281	mm
Depth	170	mm
Net weight	7.7	KG
Shipping	330*330*180	mm

MODEL 10CX6515H





SPECIFICATIONS

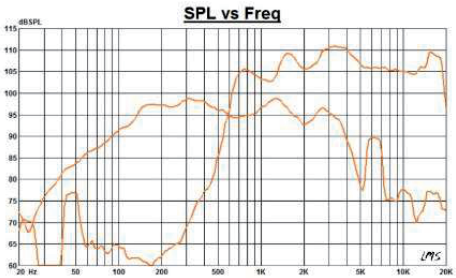
TYPE	COAXIAL
Nominal Diameter	254 mm/10 in
Rated impedance	8 ohm
Nominal (AES)	400 W
Peak Power	600 W
Sensitivity (1w/1m)	96 dB
Frequency Range	78Hz-20000Hz
Voice Coil Diameter	65 mm/2.5 in
Voice Coil Material	Copper out/in
Magnet Size	Ferrite 156*20mm
HF UNIT	
Nominal (AES)	100 W
Peak Power	130W
Sensitivity (1w/1m)	106.5dB
Voice Coil Diameter	44 mm/1.7in
Voilce Coil Material	ALR
Y35 MAGNET	

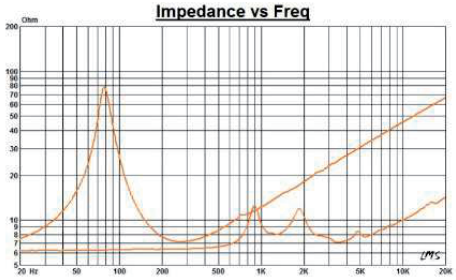
THIELE SMALL PARAMETERS

Fs	78 Hz
Re	6.0 ohm
Qms	5.85
Qes	0.48
Qts	0.45
Vas	24.5L
Sd	0.0360 m^2
Mms	30.6g
BL	14T.M

MOUNTING INFORMATION

Overall Diameter	□ 261mm/□ 10.3 in
Bolt Circle Diameter	□ 246 mm/□9.7 in
Mount Baffle Cut-out	□ 230 mm/□ 9.1 in
Depth	160mm/6.3 in
Bolt Hole Diameter	8-□ 6.5mm/8-□0.35 in





Technical Parameters

Voltage : AC11OV-240V, 50/60Hz

Consumption Power : 350W

Light Source : Philips Lamp

Color Temperature : 6700K linear

Light-Dimming : mechanical linearity dimming 0 100

Fixed Color :13 colors + white half color effect is available)

Fixed Gobo : 14 fixed gobos + white

Prism : 8prims.24honeycomb prism. biprism is stack able and both way independently rotation

Color Chips : colorful effect

Atomization : one signal atomization effect, facula is soft and nature Control

Channel : 16 channel

Packing Size: 400 x 330 x 680mm (1PC/CTN)

N.W : 16kg G.W: 18kg



HTM 295B 12R BEAM 295W

COMPRESSION DRIVER DE 888

1.5" throat 3" flat vc,
n38 magnet 25*8mm 12 pcs,
330w AES, aluminum cover



DE888P

Lamp : Osram330/350W, CT: 8500K,

Life : 2.000H

Channel : 18CH Pan Movement: 240o optional (16 bit), Tilt, ovement: 280^{O} (16 bit)

Advanced moving syatem: fats, stable and quiet, auto X-Y reposition

Color wheel : 14 color + blank, rainbow effect

Fixed Gobo Wheel: 13 gobos + blank Dual Prism : 3/5/8/9/16/24 prism option Focus: motorized focus

Shutter : Variable 1 - 12 flashes of random strob

Dimming : 0-100% full range dimming Frost : 0-100%

Beam angle : 0 or 4.8 Friendly touch full color LCD display Humanized reset detection set : long press menu and enter button to lock Pan/tilt reset, can support fixtures do the reset detection in flight case



HTM 350B 18R BEAM 350W

HTM 1912TJ 19X12W MOVING HEAD

Voltage: AC90-240V

Total Power: 300 W

LED source: 19pcs 12W high brightness RGBW 4-in-1 LEDs

ZOOM: 3 ZOOM motors work together with the same step

Working lifetime: 100,000 hours

Channel: 16/24 channels with macro effects

Control: DMX512/Master-slave/Auto/Sound

Strobe: 1-25 times/second

PAN: 540°+ 16 bit

Tilt: 270° +16 bit

Beam angle: 8-50°

Dimmer: 0-100% linear dimming system

Display: LCD blue display with English language

N W : 10KG N.W. : 8.5 K.G



Regd. no 4122981

SAAM®

Professional Audio Systems



Regd. no 4122981

SAAM®

original DJ products

Website : www.saamdj.com