MT SERIES PROFESSIONAL TD CLASS AMPLIFIERS

Nx Audio laid its foundation in the Indian pro sound landscape over 20 years ago with the launch of the now legendary MT Series under the Proton brand. When the MT Series was first launched in 2003, the best complement we got was from satisfied Sound Engineers who said "the MT1201 has the tightest bass and best woofer control I've ever heard" and its big brother the MT1601 with a Damping Factor of >1000 is still ruling the roost, with the market nicknaming it the "The Beast" when it launched back in 2012. Our overbuilt power supplies ensure superb Damping for solid chest-thumping Bass and high Slew rates for superb woofer control. Nx Audio Amplifiers are built Solid like a rock and MT1201 Amps sold over 15 years ago are still running, with several rental companies attesting to their reliability. In response to the changing market needs, the MT D Class launched in February 2021 with the MT2201, representing the zenith of amplifier efficiency with rates in excess of 90%. And in March 2022, the MT1801 "The Brute" was launched with its souped-up power circuit in response to the power-hungry 6" voice coil speakers of today, delivering higher Power and Bass while maintaining the 99% stability the MT Series is famous for. But Nx Audio is never content to just relax and take it easy – you asked for an upgrade, and the MT Series is here to deliver, with 2 new models, the MT2801 and MT2601, offering you more Power than ever before!

MT2801....4250 + 4250W RMS @ 4 Ohms

In the 20 years since the MT Series first launched and became a signature product for DJs and Sound Engineers all over India, the industry has grown considerably. The ever-changing market is now demanding Powerful and High-Quality Amplifiers to drive the increasingly power-hungry speakers, and the new MT2801 "The Don" is here to answer the call!

The MT2801, The Don to the MT1801 "The Brute" and the legendary MT1601 "The Beast", provides more power than ever before at a fantastic 4250W + 4250W RMS @ 4 Ohms output. Based on a TD Class design, it offers all the advantages of Analog tone coupled with an efficient Power supply. MT2801 has superb power density and rock-solid operation due to a high-speed Analog power supply coupled with a high-quality voltage regulated copper toroidal transformer. This is due the core reducing the internal resistance of the power supply, giving the MT2801 it's improved power density. It's built in low-pass LPF and two-way XOVER provides the user with various flexible and practical functions, allowing for multi-purpose usage of one machine.

Nx Audio have always focused on offering excellent products at great prices, tailored to what the end user actually needs for the rigours of professional use. The MT2801 continues this legacy, providing you more Watts for your buck while maintaining the 99% reliability and strong internal hardware that earned the MT Series the title of India's Favourite Power Amplifier.

Slew rate : 35v/us

S/N Ratio : 104dB

Damping > 1500

THE DON IS HERE!!

Class TD

- Premium toroidal transformer power supply.
- Class TD power modules
- Superb power density, stable at 2ohm.
- Built in Low Pass Filter : Tuneable 40Hz to 250Hz
- Routing mode selector on the back panel (stereo/ bridge/ parallel}.
- Input sensitivity selector on the back panel (32dB / 1.0v / 1.4v).

MODEL	MT2801
4 Ω stereo Power	4250W
8 Ω stereo Power	2800W
8 Ω Bridge Mono Power	8000W
4 Ω Bridge Mono Power	9000W
Frequency Response (+0/-0.3db, 1W/8Ω)	20Hz-20kHz, -3dB@ 135kHz (+0/-0.45dB)
Damping Factor	>1500
S/N Ratio	-104dB
Slew rate	35v/us.
Class	TD
Dim.(W X H X D) mm	133x482x483mm
Weight (In Kgs)	46 kgs
Net Weight	43 kgs

Presenting the MT2601, the latest in the MT series of Serious Power Amplifiers!

Class D

NEW MT2601

Check out the MT2601, the latest in the MT series Class D Power Amplifiers!

After your outstanding response to the MT2201's 3600W RMS @ 4 Ohms per Channel load, we bring you an MT Series D Class Amplifier with even more power! The MT2601 builds on the legendary reliability of the popular MT series to deliver an astounding 4000W RMS @4ohms per channel to the extremely power-hungry Dual 21" 6"VC Subwoofers popular today. Class D Amplifiers represent the zenith of amplifier efficiency, with rates in excess of 90% and the MT2601 and MT2201 are great examples of that.

The MT2601 / MT2201 use a Linear Transformers for superb Dynamic range and headroom at extreme power levels, and Pulse Width Modulation to rapidly switch the output devices between off and on states at a switching rate of 50MHz. D Class uses less heat sinking and is usually lighter than other amplifiers, though the MT Class D use the same Rugged Chassis as its Siblings.

The MT Class D use extensive protection circuitry and advanced technology to ensure excellent RF/EMI rejection and a superb LF filter and with its large Toroidal Transformer based power supplies and a very high Damping Factor, continuing the MT Legacy of tightest bass response and woofer control in the Industry.

MT2201....3600 + 3600W RMS @ 4 Ohms

MT2601....4000 + 4000W RMS @ 4 Ohms

S/N Ratio : 103dB

Slew rate : 40v/us

RECOMMENDED to use on 4 Ohms & 8 Ohms

For Best Result Use With Voltage Stabilizer

MODEL	MT2201	MT2601
4 Ω EIA 1kHz 0.1%THD	3600 W	4000 W
8 Ω EIA 1kHz 0.1%THD	2250 W	2600 W
8 Ω Bridge Mono	7000 W	7800 W
4 Ω Bridge Mono	7800 W	8700 W
S/N Ratio	103dB	103dB
Slew rate	40v/us	40v/us
Damping Factor	>1000	>1200
Frequency Response	20Hz-20kHz	20Hz-20kHz
Class	D	D
EIA Rack Space	3U	3U
Dim.(W X H X D) mm	133x482x483mm	133x482x483mm
Weight (In Kgs)	33kgs	33.4kgs

MT PROFESSIONAL H CLASS AMPLIFIER

MT SERIES

14 TRANSISTORS MT1201 / MT1601 & MT1801 ON EACH SIDE

THE BEAST

Class H

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 PROTON by NX-Audio 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 : 12pcs of 100V/17000uF Capacitors = HIGHER HEADROOM

Original Neutrik Speakons

Sturdy construction

Carling switch circuit breaker is used which ensures very good DC inrush protection.

MODEL	MT1801	MT1601	MT1201	MT701
2 Ω EIA 1kHz 1%THD	3300 W	3000 W	2500 W	1600 W
4 Ω EIA 1kHz 1%THD	2450 W	2250 W	1850 W	1200 W
8 Ω EIA 1kHz 1%THD	1850 W	1700 W	1350 W	800 W
8 Ω Bridge Mono	4600 W	4200 W	3700 W	2200 W
4 Ω Bridge Mono	5800 W	5200 W	4800 W	2900 W
Distortion (SMPTE-1M)	<0.01%			
S/N Ratio	103 dB			
Damping Factor	>1200	>1000	>800	
Frequency Response	20 Hz - 20 kHz			
Class	H			
EIA Rack Space	3			
Dim.(W X H X D) mm	482 x 132 x 483			
Weight (In Kgs)	48	47	41	34

MT1801...3300+3300W RMS @ 2 Ohms

MT1601...3000+3000W RMS @ 2 Ohms

MT1201...2500+2500W RMS @ 2 Ohms

MT701...1600+1600W RMS @ 2 Ohms

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 NX audio 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 MT1801 / > 1000 in MT1601 & > 800 in MT1201 & MT701

INDIA'S FAVORITE POWER AMPLIFIER

MT1801 / 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/17000uF 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