



TURN KEEP  
IT UP IT UP

COMPLETE CAR AUDIO - 2001



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THUNDERFORCE

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Would you buy a car without taking it for a test drive? Of course not. You wouldn't know how it performs. How it handles. How much horsepower it has. How fast it goes from zero to 60.

It's the same with your audio gear. You need to know how it's going to perform. How loud it will go. How far you can turn it up – and how long you can keep it up.

Technological innovations. Amplifier performance guarantees. The most radical subwoofer in the world (we don't call it RFL for nothin'). With MTX, you CAN turn it up AND keep it up.



# THUNDER®

## AMPLIFIERS

### SOMETHING FOR EVERYONE

There's a reason that MTX Thunder amplifiers are available in three categories: Thunder4000, Thunder6000, and Thunder8000. It's because our customers aren't identical. Some of you like your music well-modulated and clear; others like it obscenely loud. Some of you want to "set it and forget it". Others are control freaks. Some of you watch every penny; for others, the highest performance has no price tag. There's one thing that all the Thunder amps have in common – they're feature-packed, and always ready to deliver the power.

A discussion of some of the key features is included below. For all the specs and other gory details on the individual amplifiers, use the chart on page 13.

**Built-in Crossovers:** Every new Thunder Amplifier has a built-in crossover, designed for maximum flexibility of system design and configuration. Besides its role as the traffic cop of the audio signal, it's also the job of the crossover to make your bass sound like it comes from the front of the car (we call it "bass up front"). Remember, subwoofers are installed in the trunk because that's where the space is, not because bass sounds better coming from behind you.

**RCA Outputs:** Many Thunder amplifiers feature RCA Outputs, so you can feed additional amps.

**Input Select Switch:** It's featured on all the 4- and 5-channel amplifiers. It allows a 2-channel signal from your radio to drive all the channels of the amplifier. It's like getting a built-in "Y" connector.

**Compression Circuit:** This patent-pending circuit is featured in three of our higher powered Thunder amplifiers. It helps to guard against overdriving your speakers during dynamic musical passages, even at high Sound Pressure Levels (SPL).



**KEEP IT UP – FREE**

At MTX Audio, we feel so strongly about going beyond the ordinary that we put a free T-shirt inside the box with every MTX Audio Thunder amplifier\*. Now, you can look as good as you sound. How cool is that?

\*Except Thunder4122





**"Smart-Engage" Auto-turn-on:** This is a really cool feature that you'll appreciate if you're not planning on replacing your factory radio. "Smart-Engage" is MTX Audio's auto-turn-on circuit that automatically turns the amp on when it senses the source voltage from the high-level inputs from the factory radio. This means that you don't have to remove the factory radio during your installation. And it's patented, so others can't leech off our genius.

**Individual Gain Controls:** These make it easier to center the soundstage.

**Thunder EQ:** This bass boost control, centered at 40Hz lets you severely boost the low-end frequencies – for when you need maximum Thunder.

**EBC Port:** for easy external bass control. And on some amps, you can get EBC2 – it lets you control multiple amps from one EBC (for those control maniacs we talked about earlier).



*"MTX steps up to the plate with this Class D subwoofer amp and knocks one out of the park... True beauty is relative to efficiency and output power into 2 ohms. What a philosophy...!"*

*– Car Sound Magazine*



## CERTIFIED POWER

When you choose an amplifier, it's important to know how it stacks up. At MTX we've chosen the most conservative (and we believe, the most honest) way to rate our amps. We test at RMS power at 12.5 volts, and show you the spec for dynamic power at 14.4 volts. That way, you can see how the amp is rated under the RMS "standard" and also how it performs under more normal operation. And, our technicians test EVERY AMPLIFIER before it ships to make sure it meets or exceeds spec. They record the results on your own, personal performance certificate that you get in the box with your amp.

The engineers and technicians who design and test MTX Audio Thunder amplifiers are an odd bunch. There's a rumor that they get their kicks out of going to audio stores that sell our competitors' amplifiers. They ask how the amps are tested and request proof of performance. They get a rush from seeing the sales person's eyes roll around in his head. Cruel.





# THUNDER<sup>®</sup>

## AMPLIFIERS

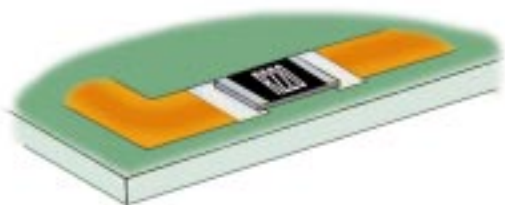
### THE TECHNOLOGY

At MTX Audio, we're technology-freaks and manufacturing geeks. From the first time a new product idea is generated, through to the manufacturing and shipping process. That's why, on the new Thunder amplifiers, we use Intelligent Surface Mount Technology (ISMT).

ISMT is a method of designing and manufacturing products. The parts in ISMT are actually mounted on the Surface of the amplifier circuit board, rather than through the board.



**Through-Hole Component**



**Surface Mount Component**

### INTELLIGENT SURFACE MOUNT TECHNOLOGY

The components surface mounted on the amplifier circuit board during the ISMT process are highly resistant to vibration and can withstand the abuse of the automotive environment.

ISMT is a whole lot more than just a new cool way to put parts on a circuit board. Our MTX electrical engineering brainiacs use ISMT to its greatest potential – from board layout, to the selection of components. Technology is the tool that makes sure that your amplifier is the best it can be.

An example of the advantage of ISMT can be seen on the circuit board on the right. You can easily see the unique "cellular" approach to the circuit board layout. By isolating each section of the amplifier in its own "cell", the amplifier has low, to non-existent, noise.

- A Advanced Computerized Protection Circuit** for maximum power output and protection
- B Class A 100% Discrete Driver Circuit Topology** is linear, resulting in low distortion and a high damping factor for tight, controlled bass
- C Patented PWM Mosfet Switching Power Supply** for superior sonic performance
- D Low Impedance, High Power Transformers** provide more power and produce less heat

*"Many MTX amps have made their way through our lab, and when it comes to noise specs, [MTX amps] are practically always among the best in the industry"*

*– Car Sound and Performance Magazine, October 2000*

### EVIDENCE OF RELIABILITY

**3 YEAR  
WARRANTY**

We are certainly confident in the quality and reliability of our products. That's why every dealer installed MTX Audio Thunder amplifier carries a 3-year warranty. So, go ahead and turn it up – you can keep it up.



**Thunder8302 Amplifier**







# THUNDER®

## PURE N-CHANNEL DESIGN

### PURE N-CHANNEL DESIGN

MTX Thunder Amplifiers have always been built with a Pure N-Channel VFET Design. What's a VFET? And what does N-Channel mean? Well gather 'round kiddies, and we'll tell you. (Yeah, yeah, this is a lesson – but keep reading – this is cool stuff).

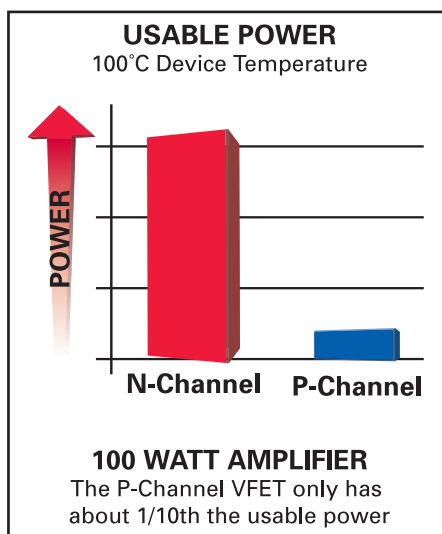
To truly understand how our Pure N-Channel Technology improves the sound of our amplifiers, it helps to understand how the amplifier's output stage works. Even if you don't know much about audio, you've probably already figured out how a speaker makes sound – the cone travels back and forth to move air. It's the job of the amplifier's output stage to control the speaker's movement by managing the power applied to the speaker. This is accomplished by the positive and negative circuits located on the amplifier's output stage. The positive circuit pushes the speaker and the negative circuit pulls the speaker (easy so far, huh?)

Within these positive and negative circuits are VFET (Vertical-Mounted FETS) MOSFET transistors. These VFETs control the alternating current traveling to the speaker. Each of the positive and negative circuits use a dedicated VFET to distribute the power to the speaker. A common approach is to use an N-Channel VFET for positive (to push the speaker) and a P-Channel VFET for negative (to pull the speaker back). SEEMS like a good idea. But, our engineering guys (who study circuits for fun instead of doing real people things like going to movies) identified several problems with this scenario.

First, in many cases, the P-Channel VFETs operate slower than the N-Channel VFETs. This means that engineers have to add circuits to compensate for the difference.



When you have to add circuits to compensate for inadequacies in your components, that's not smart design. And, even worse, in many cases, the P-Channel VFETs are more highly resistant devices (that means they waste more power as heat rather than driving the speaker). What this means is that the P-Channel VFETs can have a much lower *USABLE* power rating than N-Channel VFETs. The graph below shows an actual *USABLE* power comparison between N- and P-Channel VFETs on a 100 watt amplifier. MTX Audio is one step ahead of the game with our Pure N-Channel Design amplifiers. We design our amplifiers to use only N-Channel VFETs on both the positive and negative circuits of the output stage (PURE N-Channel Design). So, no additional circuits are needed to compensate for the shortcomings of the P-channel VFETs. And, both the positive and negative circuits have equal Usable Power Ratings.



#### Pure N-Channel Design:

1. It's more linear, so the speaker is better controlled.
2. The signal travels through fewer parts so the signal-to-noise ratio is enhanced.
3. Power rating is better, so the amplifier runs louder, longer.

For those of you who have been reading this carefully, you're probably saying, "Well if this Pure N-Channel thing is so great, why doesn't everybody do it?" BECAUSE IT'S HARDER. It's a circuit that has to be more carefully engineered to make it work properly – something we've been doing ever since the first Thunder amp was born in 1995.



### LOYD IVEY – MTX AUDIO FOUNDER

Loyd Ivey, President and CEO of MTX Audio, 30 years ago took a garage-based speaker cabinet business and an intense love for music and turned it into MTX Audio – the leading manufacturer of high performance car, home, and professional audio gear. He has been successful with a very simple philosophy: provide high quality, high performance audio. Today, Loyd has over 1,000 employees in Wisconsin, Illinois, Arizona, Missouri and Texas.





### UNCOMMON TECHNOLOGY

Class D technology is another approach to amplifier output stage design. Designed to drive subwoofers, Class D technology is highly efficient. You get increased power output, with less current draw, in a smaller footprint. MTX Audio has three Class D amplifiers:

- Thunder4250D
- Thunder6500D
- Thunder81000D

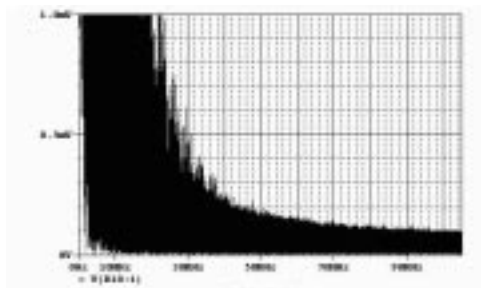


### COMMON CLASS D

Class D amplifiers are pretty common these days. It seems like everybody has one. Let's discuss the common approach.

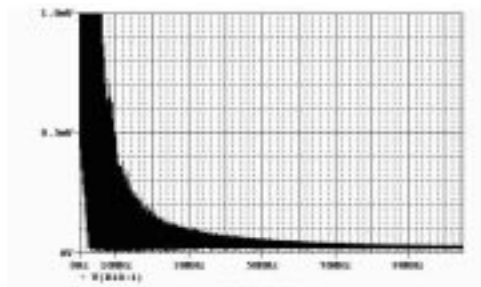
Amplifiers that use Class D technology are switching amplifiers. These amplifiers feature MOSFET transistors that operate as a switch and are used to manage the power applied to the speaker.

The controlled switching power distribution creates a square wave known as Pulse-Width Modulation. High frequency energy is generated from this square wave and is commonly concentrated at one point that must be filtered from the audio path of the amp. Harmonics from this concentrated high frequency energy travel into the radio frequency range, and can cause interference with the radio's reception or be picked up by the audio system's ground. That means NOISE.



Common Class D Harmonics

Notice the large amount of extraneous harmonics at audible levels

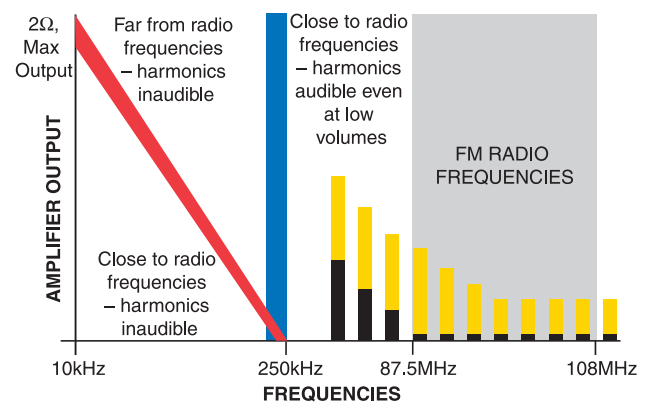


MTX Adaptive Class D Harmonics

Notice the extraneous harmonics removed from audible frequencies

### MTX ADAPTIVE CLASS D – AN UNCOMMON APPROACH

MTX changed the rules with our innovative, new Adaptive Class D Technology. With our approach, the amplifier's switching energy is constantly changing and is moved away from FM radio frequency ranges as the amplifier's load and output increases. This ensures that the harmonics do not interfere with the radio's reception and are not picked up by the audio system's ground. This improves the amplifier's overall signal-to-noise ratio, and eliminates interference that is generated by more common Class D amplifiers. In other words, listeners can enjoy all the clean, musical sounds from the radio without the interfering noise of the Class D amplifier. Technology. What a great thing when you use it right.



- Common Class D High Frequency Energy
- MTX Audio's Adaptive Class D High Frequency Energy
- Common Class D High Frequency Harmonics
- MTX Audio's Adaptive Class D High Frequency Harmonics





# THUNDER<sup>®</sup> 4000

## AMPLIFIERS

### ALL FOR ONE

The Thunder4000 amplifier series could be called the all-purpose category. There's an amp for every install possibility:

- 2-channel
- 4-channel
- 5-channel
- Class D

### 2-CHANNEL AMPLIFIERS

*Thunder4122 – 200 Watts Dynamic Power Bridged*

*Thunder4202 – 280 Watts Dynamic Power Bridged*

The crossover on these work-horse, 2-channel amps is 18dB/octave at 85Hz, switchable from low pass/high pass or full-range. Each features a buffered, isolated full-range output. This lets you daisy chain amps to other subwoofer amps or to high frequency amps. If you plan to use the high level inputs from the factory radio, our "Smart-Engage" auto-turn-on circuit makes installation a snap – you won't have to remove the factory radio.

### 4-CHANNEL AMPLIFIER

*Thunder4244 – 400 Watts Dynamic Power Bridged*

This amplifier features a flexible crossover configuration (rear is high pass/low pass switchable and defeatable, front is low pass, both fixed at 85Hz). Thunder4244 also has full-range outputs to easily daisy chain multiple amplifiers. "Smart-Engage" included.

### 5-CHANNEL AMPLIFIER

*Thunder4405 – 800 Watts Dynamic Power (125 Watts in 4 channels and 300 Watts subwoofer) into 2 ohms*

This amplifier is flexible in its design, for a single amplifier/factory integration that makes sense. The crossover is fixed at 85 Hz, defeatable high pass on the front and rear, and low pass on the sub channel. Low level inputs make connection to your factory system intuitive.

Thunder EQ bass boost and EBC port are included.

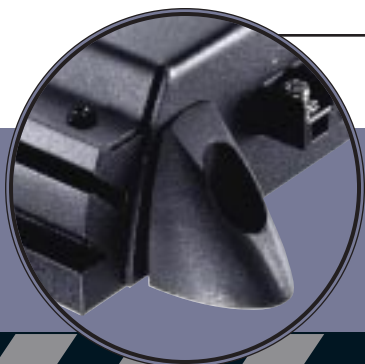


### MONO-BLOCK CLASS D

*Thunder4250D – 350 Watts Dynamic Power into 2 ohms*

This subwoofer amplifier features our Adaptive Class D Technology for large power numbers from

a very small footprint. Thunder4250D features a low pass crossover, variable from 40Hz to 200Hz, this amp also contains both the Thunder EQ bass boost and an EBC2 port. Our "Smart-Engage" auto-turn-on circuit makes installation easy.



### ISO-FEET

The mounting feet on Thunder amps are made of insulating rubber, which isolates the chassis of the amp from the mounting surface to help prevent ground loops. "A simple and smart solution to a common problem." Performance Auto & Sound magazine, December 2000.



### THUNDER6000

You'll pick Thunder6000 when you're greedy. You want more – more power and more features. To start, each Thunder6000 amplifier has a large signal capability (8 Volt RMS input), for better integration with high voltage output source units, increasing dynamic range and to improve the system's signal-to-noise ratio (that means it sounds better).

### 2-CHANNEL AMPLIFIER

**Thunder6152**  
– 325 Watts  
Dynamic Power  
Bridged

The crossover on this amp is 12dB/octave high pass, 24dB/octave low pass, variable from 40Hz to 200Hz.

In low pass mode, the outputs are mono at 24dB/octave. It's highly flexible with varying slopes on the low and high pass to provide improved "bass up front".



### 4-CHANNEL AMPLIFIER

**Thunder6304 – 660 Watts Dynamic Power Bridged**

This 4-channel amplifier has the most flexible crossover we offer. On both front and rear channels, it's variable from 40Hz to 200Hz and selectable for either high pass or low pass.

The "Summed Output" jacks provide a line level summed output of the right front/right rear and left front/left rear input signals. This output is typically used to drive an external subwoofer amplifier. The parallel input switch allows a 2-channel signal to drive all four channels (no need for a "Y" connector). This amp even has the MTX Audio Thunder EQ bass boost!

### MONO-BLOCK CLASS D

**Thunder6500D – 775 Watts Dynamic Power into 2 ohms**

Featuring MTX Audio's Adaptive Class D Technology, Thunder6500D has a low pass crossover, variable from 40Hz to 200Hz.

We provide both low level and high level inputs, with MTX Audio's "Smart Engage" function to allow for easy installation. We even include our patent-pending compression circuit to protect your woofers when you've got it turned way up.







# THUNDER<sup>®</sup>8000

## AMPLIFIERS

### GET SERIOUS

You'll use Thunder8000 amplifiers when you get really serious. When your need for power is insatiable. There are only two amplifiers in this series, but they are the leaders. The ones that'll take you to the top on the leader board.

### MONO-BLOCK CLASS D AMPLIFIER

*Thunder81000D – 1500 Watts Dynamic Power into 2 ohms*

This amplifier is the one with the most teeth. It's got it all. Adaptive Class D Technology, for high power in a small package. Anyone can make a high power amplifier in a big package. But it takes smarts and careful engineering to produce big power in a small footprint.

### 2-CHANNEL AMPLIFIER

*Thunder8302 – 425 Watts Dynamic Power Bridged*

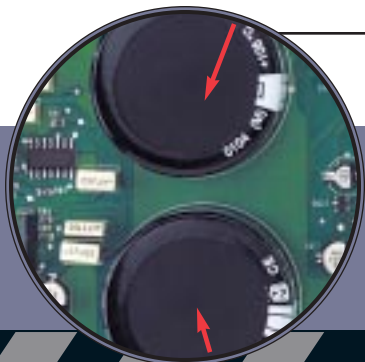
The flexibility starts with the crossover. It's 12dB/octave high pass, 24dB/octave low pass, variable from 40Hz to 200Hz. In low pass mode, the outputs are mono at 24dB/octave. It's highly flexible, with the varying slopes on the low and high pass providing improved "bass up front". The EBC2 port, for easy external bass control is also featured, along with the now-famous Thunder EQ bass boost.

Because of the high power output potential of the Thunder8302, we've included our compression circuit. This way, when you turn the volume up very, very high, the amp won't go into clipping during dynamic musical passages (this saves the life of your speakers). Read the shirt. We mean it.

Adaptive Class D Technology is how we make this amplifier so efficient at producing power. The crossover is low pass, variable from 40Hz to 200Hz. And, we've even built in our compression circuit, to protect your woofers at high SPL levels. Add in the EBC2 and the Thunder EQ and this is one amp to be feared.

*"[On the MTX 1000 Watt Class D amplifier] no discernible startup or shutdown noise was observed..."*

*– Performance Auto & Sound Magazine, December 2000*



### BIGGER IS BETTER

Thunder amplifiers use huge capacitors, instead of a more common approach that uses several smaller ones. Reduced heat production and increased frequency response are just two of the many benefits of larger capacitors. Look how big these babies are. Oh, mama!





	MODEL	THUNDER 4122	THUNDER 4202	THUNDER 4244	THUNDER 4405	THUNDER 4250D	THUNDER 6152	THUNDER 6304	THUNDER 6500D	THUNDER 8302	THUNDER 81000D
POWER @ 12.5 VDC	2 Ω LOAD	60 w x 2	100 w x 2	60 w x 4	50 w x 4 200 w x 1	250 w x 1	75 w x 2	75 w x 4	500 w x 1	150 w x 2	1000 w x 1
	4 Ω LOAD	30 w x 2	50 w x 2	45 w x 4	25 w x 4 100 w x 1	125 w x 1	37.5 w x 2	37.5 w x 4	250 w x 1	75 w x 2	500 w x 1
	BRIDGED 4 Ω LOAD	120 w	200 w	120 w x 2			150 w	150 w x 2		300 w	
POWER @ 14.4 VDC	2 Ω LOAD	80 w x 2	140 w x 2	100 w x 4	125 w x 4 300 w x 1	350 w x 1	165 w x 2	165 w x 4	775 w x 1	212 w x 2	1500 w x 1
	4 Ω LOAD	50 w x 2	85 w x 2	55 w x 4	65 w x 4 150 w x 1	200 w x 1	90 w x 2	90 w x 4	450 w x 1	120 w x 2	850 w x 1
	BRIDGED 4 Ω LOAD	200 w	280 w	200 w x 2			325 w	325 w x 2		425 w	
INPUT	HI LEVEL W/ SMART ENGAGE	X	X	X		X	X		X		
	LOW LEVEL	X	X	X	X	X	X	X	X	X	X
	INPUT SELECT			X	X			X			
CROSSOVER	HI / LOW @ 85HZ	Fixed, Defeatable	Fixed, Defeatable	Rear Fixed, Defeatable							
	HI PASS @ 85HZ			Front Fixed, Defeatable	Front/Rear Fixed, Defeat.						
	LOW PASS @ 85HZ				Sub Ch. Fixed						
	HI / LOW @ 40HZ-200HZ						Variable	Front/Rear Variable		Variable	
	LOW PASS @ 40HZ-200HZ					Variable			Variable		Variable
RCA OUTPUT	LOW PASS ONLY					X			X		X
	FULL RANGE ONLY	X	X	X				X			
	VARIABLE HI, LOW OR FULL RANGE						X			X	
OTHER FEATURES	COMPRESSION CIRCUITRY								X	X	X
	THUNDER EQ				X	X	X	X	X	X	X
	EBC PORT				X	EBC2			EBC2	EBC2	EBC2
DIMENSIONS	WITH ISO FEET	7.98" x 9.75" x 2.1"	9.3" x 9.75" x 2.1"	11.5" x 9.75" x 2.1"	15.5" x 9.75" x 2.1"	9.3" x 9.75" x 2.1"	10.7" x 9.75" x 2.1"	13.9" x 9.75" x 2.1"	11.5" x 9.75" x 2.1"	11.5" x 9.75" x 2.1"	17.8" x 9.75" x 2.1"
		20.3cm x 24.8cm x 5.3cm	23.6cm x 24.8cm x 5.3cm	29.2cm x 24.8cm x 5.3cm	39.5cm x 24.8cm x 5.3cm	23.6cm x 24.8cm x 5.3cm	27.2cm x 24.8cm x 5.3cm	35.3cm x 24.8cm x 5.3cm	29.2cm x 24.8cm x 5.3cm	29.2cm x 24.8cm x 5.3cm	45.2cm x 24.8cm x 5.3cm





# RTX & LSX

## ACTIVE CROSSOVERS

### ENGINEERED FOR DESIGN EFFICIENCY FOR ANY SYSTEM

The Crossovers make sure you direct the correct signal to the correct speaker so you don't lose any sound quality in the treble, mid-range and bass frequencies.

### RTX TECHNOLOGY

MTX Audio RTX Series Crossovers feature:

- 12dB/octave slope
- Signal to noise ratio >96dB and >.05% THD
- Four gang potentiometers
- DC to DC Power Supply

#### RTX01A

- One high and one low pass crossover point, continuously variable from 32Hz-400Hz
- Two continuously adjustable output gain controls
- High and low level inputs

#### RTX02A

- Two high pass and one low pass crossover points, continuously variable from 3Hz-400Hz
- Selectable bass enhancement circuit (0dB or 12dB at 45Hz)
- Three continuously adjustable output gain controls

### LSX TECHNOLOGY

MTX Audio LSX Series Crossovers feature:

- Up to 8 volt RMS input signal for integration with high voltage output source units
- 18dB/octave slope for greater protection of mid-ranges and tweeters
- Continuously adjustable crossover points
- Wire harnesses for speaker level input allow easier integration with OEM systems
- 1 Meg Ohm Isolation maintained between the Signal Ground and Power Supply Ground (eliminates ground loop noise)
- External Bass Control (EBC) port connects to optional, dash-mountable EBC unit

### LSX1 SIGNAL CROSSOVER

- 2-way
- Continuously Variable low and high pass outputs between 30-400Hz high, 20-200Hz low

### LSX2 SIGNAL CROSSOVER

- 2-channel, 3-way or 4-channel, 2-way
- Dual high pass outputs with multiplier switch (front continuously adjustable on a scale of 30-400Hz or 600-8000Hz; Rear continuously variable from 30-400Hz)
- Low pass continuously variable from 20-200Hz
- Front and rear speaker level inputs
- Phase reversal switch (180°)



RTX-01A

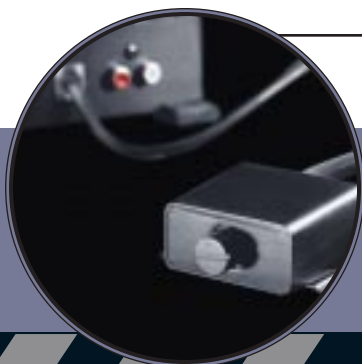
RTX-02A



LSX1

LSX2

### EBC: EXTERNAL BASS CONTROL



We have answered the need for bass control with EBC – external bass control at its finest. EBC can be wired directly to our LSX Crossovers and Thunder6152 and Thunder4405 amplifiers. Our Thunder8302 and all of our Class D amplifier models feature the EBC2 circuit – enhanced so you can control multiple amps. The EBC control knob can be conveniently mounted within easy reach of the driver's seat.



### YOUR CHOICE OF FACTORY REPLACEMENT SPEAKERS SHOULD DEPEND ON THREE THINGS...

1. How do they sound?
2. What are they made of?
3. How long is the warranty?

MTX Audio coaxials are tough, rugged, and built to last. Injection molded polypropylene cones produce rich bass. The Poly-Neo II™ balanced dome tweeters have polycarbonate domes for extended high frequency response, neodymium magnets for improved efficiency, and ferrofluid cooling for longer life. Other unique features, like insulated high frequency leads, polyimide impregnated fiberglass voice coil formers, and an industry leading 2-year warranty, make MTX Audio coaxials the best choice for sound improvement. Plus, they're designed and engineered in USA.



## 2 YEAR WARRANTY

### COAXIAL SPECIFICATIONS

Model	Description	Power Handling Total/RMS	Imped.	Sens.	Magnet	Mounting Depth
3521	3 1/2" (8.9cm) Dual Cone	30/10	4Ω	85dB	4.6 oz. (130.4g)	1 1/8" (4.29cm)
4022	4" (10.2cm) Coaxial	45/15	4Ω	85dB	5.1 oz. (144.6)	1 1/8" (4.6 cm)
4622	4" x 6" (10.2cm x 15.2cm) Coaxial	45/15	4Ω	87dB	3.1 oz. (87.9g)	1 1/8" (4.1cm)
5222	5 1/4" (13.3cm) Coaxial	60/20	4Ω	88dB	9.2 oz. (260.8g)	2" (5.1cm)
5722	5" x 7" (12.7cm x 17.8cm) Coaxial	120/40	4Ω	88dB	8.3 oz. (235.3g)	2 1/8" (5.4cm)
6522	6 1/2" (16.5cm) Coaxial	75/25	4Ω	88dB	6.5 oz. (184.3g)	1 5/8" (4.92cm)
6922	6" x 9" (15.2cm x 22.9cm) Coaxial	120/40	4Ω	88dB	9.9 oz. (280.7g)	3 1/8" (9.21cm)
6923	6" x 9" (15.2cm x 22.9cm) Triaxial	150/50	4Ω	89dB	11.9 oz. (337.4g)	3 1/8" (9.21cm)





# THUNDER<sup>®</sup>6000

## SPEAKERS

### THE FRONT STAGE

The front stage in car audio means that if you shut your eyes, you can visualize the location of the performers and instruments on "stage" during a live performance. It's the front speakers that recreate an accurate front stage experience. Thunder6000 Convertibles are one of the most flexible ways that you'll find to add superior musicality and accurate staging to your car audio system.

We call these convertibles, but they ain't no ragtops. They ship to you as a coaxial with the tweeter mounted inside the midbass cone. In two easy steps, you can remove the tweeter and convert to separate components.

The tweeter on the convertibles is a sonically pure, 19 mm PEF dome, with a ferrofluid cooled neodymium magnet. In any configuration, the tweeter swivels, and when it converts to a separate tweeter, you can mount it using the included flush or surface mount accessories.

The midbass speakers have been highly engineered for superior sound quality. The cone material is an injection-molded polypropylene with pure titanium deposited on the surface. Aside from the striking appearance, this type of cone construction contributes to the speaker's durability. The machined midbass front and back plates complete the classic look.



COAXIAL  
to  
SEPARATE  
in  
2 Steps

#### STEP 1

Remove the tweeter from the midbass driver



#### STEP 2

Insert the phase plug into the opening in the midbass driver and mount the tweeter as a separate, using the surface mount or flush mount option.



### THUNDER6000 CONVERTIBLE SPECIFICATIONS

Model	Description	Imped.	Tweeter	Midbass	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Voice Coil	Mounting Depth
T6.4	Convertible	4Ω	19mm	4"	100Hz-20kHz	35/70	82dB	1"	2.0"
T6.5	Convertible	4Ω	19mm	5 1/4"	65Hz-20kHz	40/80	83dB	1"	2.21"
T6.6	Convertible	4Ω	19mm	6 1/2"	55Hz-20kHz	50/100	86dB	1"	2.71"
T6NEO	PEF Dome Tweeter	4Ω	19mm	N/A	5kHz-20kHz	50/100	86dB	N/A	N/A

### TITANIUM DEPOSITION



Titanium is one of the strongest and lightest metals known. The Titanium deposition on our polypropylene cones increases resistance to environmental extremes and UV rays, which means you get a speaker that lasts longer.





### BUILT WITH THE MUSIC IN MIND

Thunder8000 Component systems just might be some of the finest work that our MTX Audio acoustic engineers have ever done. These component systems are for those who truly appreciate the acoustic information in music. And they're for the person who knows their music – all the nuances, transients, accents, even where the performers were located in the sound stage. When you're that close to the music, you expect the imaging and staging characteristics of your front speakers to be exceptional. Thunder8000 component systems will not disappoint. They are true to the music.

To achieve the kind of musical accuracy that you expect from the finest components, we've designed the midbass with elegant, high-end die-cast frames. These tooled parts make a classic cosmetic statement, and they also create a more durable frame. The cone material is coated with titanium for a stylish, "bullet-proof" appearance. The machined front plates and back plates continue the MTX Audio dedication to quality engineering and attention to detail.

For the tweeter, we've incorporated a 1" silk dome for accurate high frequency reproduction and cool it with ferrofluid. Thunder8000 tweeters offer a variety of mounting options with a swivel, surface mount or flush mount.

A two position tweeter attenuation switch ( $\pm 3\text{dB}$ ) gives you control of your high-end.

The crossover is a 12dB/octave, low-pass, 18db/octave high-pass passive network.

### TWEETERS

Thunder8000 1" soft dome tweeters are designed for great dispersion and ultra-smooth high frequency response. Each comes with two mounting options:

surface  
or flush.



### THUNDER8000 CONVERTIBLE SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Voice Coil	Mounting Depth
T8.5	5 1/4" Component	4 $\Omega$	62Hz-20kHz	50/100	83dB	1"	2.23"
T8.6	6 1/2" Component	4 $\Omega$	52Hz-20kHz	60/120	86dB	1"	2.8"
TNEO	1" Tweeter	4 $\Omega$	4kHz-20kHz	60/120	85.5dB	N/A	N/A





# THUNDER<sup>®</sup>

## SUBWOOFERS

### THUNDER<sup>®</sup> 4000

up to	up to	up to
<b>500 WATTS</b>	<b>33 OZ.</b>	<b>2"</b>
Total Power Handling	Magnet	Voice Coil



### THUNDER<sup>®</sup> 6000

up to	up to	up to
<b>750 WATTS</b>	<b>50 OZ.</b>	<b>2"</b>
Total Power Handling	Magnet	Voice Coil



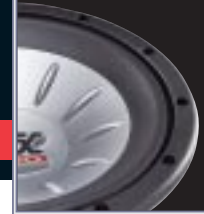
### THUNDER<sup>®</sup> 8000

up to	up to	up to
<b>1500 WATTS</b>	<b>102 OZ.</b>	<b>2½"</b>
Total Power Handling	Magnet	Voice Coil



#### COMPETITIVE SPIRIT

Tim Woolston staked a first-place victory in the Pro 1-150 watt class of the IASCA Finals sound quality event, beating the runner-up by a whopping 22 points (we won't say how badly he smoked the long-time champion). A husband, father of three and the owner of a construction company, Woolston squeezed in time prior to the IASCA Finals to install the system himself! Talk about dedication.



## ALDS = HIGH OUTPUT + LOW DISTORTION

It's the technology behind MTX Audio Thunder subwoofers. Take two cool ideas, put them together, and Presto – the whole world sounds better.

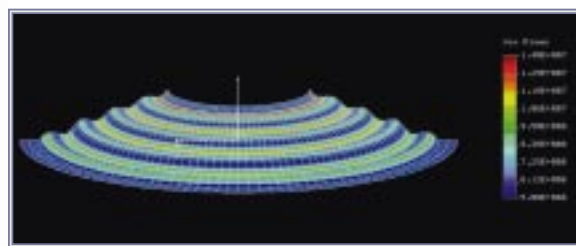
### COOL IDEA #1 FLAT & PROGRESSIVE SPIDER

Progressive means that the spider's stiffness varies across its surface. It's like a shock absorber – a loud musical passage is a rough, rutted road. Better suspension, better ride, better sound.

### COOL IDEA #2 EXTENDED POLE PIECE

Teamed with the flat progressive spider, this makes for a very linear, or straight, motion of the speaker. (Linearity is also engineeringese for low distortion.)

Note: This cool idea combo is what makes your tunes musical – even while your retinas are detaching from extreme SPL.



Finite Element Analysis (FEA) is just one of the many tools we use to ensure a superior product. The graph above shows the suspension on the speaker during its most extreme outward travel. We use this information to make sure that the mechanical stress is spread out evenly across the suspension, so our subwoofers will endure under the most demanding punishment.







# THUNDER<sup>®</sup> 4000

## SUBWOOFERS



### SUPERIOR POWER HANDLING

The finest amplifiers deserve to be paired with superior quality subwoofers and component systems. Thunder4000 subwoofers feature the same ALDS (Asymmetrical Linear Drive System), common to all MTX Audio Thunder subwoofers (the flat progressive spider, combined with the extended, vented pole piece). We've added some other touches to make sure these speakers perform way, way, past your expectations. The voice coil is wound on an Apical voice coil former for high power handling. The strontium ferrite magnet yields a highly efficient speaker (more efficient means better use of your amplifier power). The folded window basket is as durable as it is attractive.



### MECP INSTALL STANDARDS

At MTX Audio, we believe in the value of an installation performed by a certified professional. It can mean the difference between a great-sounding, good-looking install or one that has you crying over the holes that an installer wanna-be has hacked in your door panels. Look for the Mobile Electronics Certified Professional certification. It means that your installer has passed a rigorous round of tests. It means that he's a pro.





## PICK AN ENCLOSURE – ANY ENCLOSURE

As important as power handling, so is installation flexibility. Thunder4000 subwoofers are solid performers in virtually any enclosure – vented, bandpass, or small sealed.

## WAY COOL LOOKS

These subwoofers will please all you fashion plates out there. Machine turned front and back plate with clear zinc plating (that zinc will repel corrosion) and a black foam surround. New injection-molded polystyrene gasket (it looks good, plus it's resistant to those bad UV rays). And the bright nickel connectors are good-looking and functional.



## THUNDER4000 SUBWOOFER SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Voice Coil	Magnet Weight	Mounting Depth
T484	8" Subwoofer	4Ω	43Hz-150Hz	100/200	87.5dB	1"	20oz.	3 1/2"
T4104	10" Subwoofer	4Ω	43Hz-150Hz	200/400	88.0dB	1 1/2"	25oz.	4 13/16"
T4108	10" Subwoofer	8Ω	43Hz-150Hz	200/400	88.1dB	1 1/2"	25oz.	4 7/8"
T41012	10" Subwoofer	12Ω	43Hz-150Hz	200/400	87.8dB	1 1/2"	25oz.	4 7/8"
T4124	12" Subwoofer	4Ω	43Hz-150Hz	200/400	89.8dB	1 1/2"	28oz.	5 7/8"
T4128	12" Subwoofer	8Ω	43Hz-150Hz	200/400	90.0dB	1 1/2"	28oz.	5 1/2"
T4154	15" Subwoofer	4Ω	43Hz-150Hz	250/500	91.6dB	2"	33oz.	6 5/8"
T4158	15" Subwoofer	8Ω	43Hz-150Hz	250/500	92.0dB	2"	33oz.	6 5/8"





# THUNDER<sup>®</sup> 6000

## SUBWOOFERS

### SUPERIOR PERFORMANCE – WHEN SPACE IS TIGHT

MTX Audio introduces a clever mix of leading edge technology including MTX Audio's Asymmetrical Linear Drive System. These subwoofers were designed to play *deep, low bass* in a variety of enclosures: sealed, vented or bandpass. Thunder6000 subs are available in 4 ohm or 8 ohm impedances, with the 10" sub also available in 12 ohm model. Why the a 12 ohm, 10" model? Three 10" subs fit really well in the space between the wheel wells. Wire three 12 ohm subs in parallel, and you present your amp with a standard 4 ohm load – and deliver an extreme amount of bass.

### EXTREME POWER HANDLING LEVELS

Oversized magnet structure, 2", 4-layer voice coil and Apical voice coil formers keep these subwoofers ready and able to blow you away.



### TECH SUPPORT

Here at MTX Audio we use the finest, quickest, state-of-the-art technologies. We combine the speed and efficiency of computer controlled manufacturing equipment with the customer service that only real humans can provide.

## ACOUSTICALLY STABLE FOR ACCURATE SONIC REPRODUCTION

The black, NBR surround and gasket combination forms a tight seal when rear mounted, and gives a clean, cosmetically finished look when front mounted. NBR rubber has a high resistance to ozone and UV aging so your subwoofers will continue to deliver for years to come.

## MACHINED STEEL PARTS

The new injection-molded, silver-machined style cone with 8 stiffening ribs increase cone stiffness for improved mechanical power handling (and they look pretty cool, too). The machine-turned front and back plate with a clear zinc coating makes a high-end quality statement, with the zinc playing the role of corrosion fighter. Bright nickel connectors complete the connection in a most attractive way. The folded window basket is stronger, more durable, and unique in appearance.



## THUNDERBOLT SUBWOOFER SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Voice Coil	Magnet Weight	Mounting Depth
T684	8" Subwoofer	4Ω	31Hz-150Hz	150/300	85.1dB	1 1/2"	28oz.	3 11/16"
T688	8" Subwoofer	8Ω	32Hz-150Hz	150/300	86.1dB	1 1/2"	28oz.	3 11/16"
T6104	10" Subwoofer	4Ω	31Hz-150Hz	250/500	87.1dB	2"	33oz.	5 1/8"
T6108	10" Subwoofer	8Ω	33Hz-150Hz	250/500	87.0dB	2"	33oz.	5 1/8"
T61012	10" Subwoofer	12Ω	34Hz-150Hz	250/500	87.0dB	2"	33oz.	5 1/8"
T6124	12" Subwoofer	4Ω	29Hz-150Hz	250/500	87.1dB	2"	33oz.	5 1/8"
T6128	12" Subwoofer	8Ω	31Hz-150Hz	250/500	87.1dB	2"	33oz.	5 1/8"
T6154	15" Subwoofer	4Ω	27Hz-150Hz	300/750	90.0dB	2"	50oz.	6 5/8"
T6158	15" Subwoofer	8Ω	28Hz-150Hz	300/750	90.1dB	2"	50oz.	6 5/8"







# THUNDER<sup>®</sup>8000

## SUBWOOFERS

### BEYOND THE LIMITS OF PERFORMANCE

Quite simply, serious competitors choose Thunder8000 because when it comes to winning, there's no limit to how low MTX Audio will go – and we mean that in the best sense.

### WOOF

Your first glimpse of Thunder8000 subwoofers will give you a sense of their performance. "Aggressive" is one word for it. The enormous 12-leg, die-cast aluminum basket was made to handle the demands of enormous bass. Machined front and back plates scream quality. The 12 stiffening ribs on the injection molded cone increase cone durability and performance. All of this for bark *and* bite that lasts.

### HOT ISN'T ALWAYS COOL

Asymmetrical Linear Drive technology, used on all MTX Audio Thunder subs, promises high output with low distortion. These subs are packed with features to help dissipate heat (overheated speakers are NOT our friends). Thunder8000 subs have a rugged die cast frame, enormous magnet structure (102 oz.), and a 2 1/2", high-temp, 4-layer voice coil (8-layer on the 15"). More copper means better thermal power handling. Spider Plateau Venting refers to the small vents around the frame that allow the super-heated air under the spider to be exchanged with cooler ambient air. All of these features add to Thunder8000's cool factor – literally.



### GOOD HAIR DAY

Be careful sitting in the front seat of our competition Tracker where hearing protection is required. The force of the woofers moves more than just air. Here, this "rider" is blown away by the enormous power MTX Audio subwoofers and amplifiers produce.





## PICTURE OF STRENGTH

Take a good look at this speaker. The gasket and surround are made from NBR rubber (that's Nitrile Butadiene Rubber). This is a synthetic rubber that's extremely resistant to ozone and the effects of UV rays. Translation? Extremely durable, with a sleek, cool look.

The unique radius on the pole piece also minimizes turbulence that occurs during large excursions, so when you turn the music WAY up, you won't hear that "heavy breathing" sound (unless it's your own).

Why put all this effort and technology into Thunder8000 subwoofers? One, because we can. Two, because it's so cool. And three, because durability is critical for performance at high SPL levels. When the SPL meter is peggin' over 160dB, you can't have your speakers ripping apart. That would be bad. So go ahead.

Give Thunder8000 subwoofers your best shot – but

be prepared!

Your head will likely explode long before these speakers ever will!

**WARNING**  
SEVERE SOUND  
PRESSURE LEVELS  
MAY BE HAZARDOUS  
TO YOUR HEARING

## THUNDER8000 SUBWOOFER SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Voice Coil	Magnet Weight	Mounting Depth
T8104	10" Subwoofer	4Ω	24Hz-200Hz	400/1000	83.4dB	2 ½"	102oz.	5"
T8108	10" Subwoofer	8Ω	28Hz-200Hz	400/1000	83.6dB	2 ½"	102oz.	5"
T8124	12" Subwoofer	4Ω	23Hz-150Hz	400/1000	85.8dB	2 ½"	102oz.	5 ⅞"
T8128	12" Subwoofer	8Ω	24Hz-150Hz	400/1000	85.8dB	2 ½"	102oz.	5 ⅞"
T8154	15" Subwoofer	4Ω	24Hz-150Hz	500/1500	89.3dB	2 ½"	102oz.	6 ⅞"
T8158	15" Subwoofer	8Ω	25Hz-150Hz	500/1500	89.7dB	2 ½"	102oz.	6 ⅞"

## ENGINEERS GEEK-OUT ON COPR

Our engineers just might have out-done themselves on this one. One of the biggest challenges in spider design (the spider is the suspension of the speaker) is to maximize the linear region of the speaker's movement. We performed extensive Finite Element Analysis (high-tech testing) on the spider and found that the best design was a "five roll" spider design. We call it Computer Optimized Progressive Roll spider (COPR for short).





# RFL™

## SPL COMPETITION SUBWOOFER

### A FINE LINE BETWEEN GENIUS & INSANITY

The RFL152 is designed for just one purpose. SPL competition – the most extreme car audio sport on the planet. There's only one way to win. You've got to be the biggest and the baddest. The one with the most LOUD. The RFL152 is without a doubt the rudest, most intense, subwoofer ever invented. There's nothing elegant about it. It's aggressive, obnoxious and totally over the top. At 15" and 56 pounds with 4.35" of total, peak-to-peak excursion, it's a die-cast monstrosity of pure ear-blisterin', meter-peggin' aggression.



### THE GENIUS

To hit the numbers, you've got to move lots of air. So, take all of the most intense parts ever crafted for a subwoofer and bolt them all together – yes bolt them together 'cause glue can't handle 4.35" of total excursion at 4000 watts. The inverted roll surround is constructed from multi-layer polyester. Its two 3-layer spiders are separated by a die-cast aluminum mounting ring. All this to try to keep things linear and somewhat under control (it's about LOUD, not sound quality).

**WARNING**  
SEVERE SOUND  
PRESSURE LEVELS  
MAY BE HAZARDOUS  
TO YOUR HEARING

### ARE YOU SERIOUS?



RFL152 ships in an OSB crate. At 100 lbs. total weight, an ordinary cardboard box would crush under something this massive.







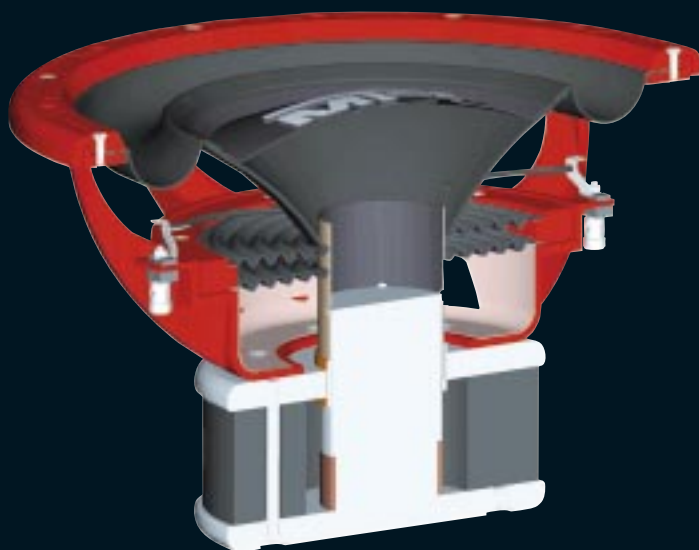
## THE INSANITY

**4000 watts** is as insane as it gets. **4.35 inches** of total excursion is just nuts. **56 pounds** for a single subwoofer is stark raving mad. What else can we say.

You've seen what happens to ordinary subs at SPL competitions. They explode, and they are done for the day. With RFL, if you can blow it up, you can rebuild it. RFL152 comes with a replacement cone and voice coil assembly so you can rebuild it on the spot, at the show. Kind of like a top fueler – you can rebuild her between rounds.



Designed, tested and built to handle an extreme **4000 watts** of mind-numbing power, this sucker ain't cheap. But, the good stuff never is.



## RFL152 SPL SUBWOOFER SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Voice Coil	Motor Structure	Excursion
RFL152	15" SPL Subwoofer	2Ω Dual	20Hz-150Hz	2000/4000	2 @ 3"	298oz.	4.35"

\*Peak-to-Peak





# THUNDER<sup>®</sup>4000

## LOADED ENCLOSURES



**T410**



**T412**



**T410X3**

### ENCLOSURES: WE INVENTED THEM

MTX Audio is the original inventor of mobile enclosures, and as industry leaders, it only makes sense that we continue to innovate – we hate to be ordinary.

Thunder4000 mobile enclosures take the original concept – easily installed, portable bass for your car – and angle the backs and sides to ensure that these enclosures fit in almost every vehicle on the road today. There aren't too many cars shaped like a square inside or out.

### SINGLE-SUB WEDGE ENCLOSURES

The T410 and T412 are single-sub, wedge enclosures with a small sealed design, for deep, low bass. The 70° trapezoidal shape makes the most efficient use of available space. Their 4 ohm, mono design maximizes the output capability of your amplifiers.

### TRI-SUB™ ENCLOSURE

The T410X3 is a three woofer Tri-Sub trapezoid bass enclosure that conforms to vehicle seat back angles, making the most of available space. The Tri-Sub fits virtually all hatchbacks, and is a perfect fit for many Camaros and Firebirds.

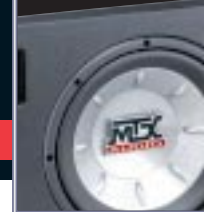
### THUNDER4000 ENCLOSURE SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Enclosure Size
T410	10" Single	4Ω	57Hz-150Hz	200/400	88dB	12 7/8"H x 11 7/8"W x 15 7/8"D
T412	12" Single	4Ω	49Hz-150Hz	200/400	89.8dB	14 3/4"H x 15 3/4"W x 18"D
T410X3	10" Tri-Sub	4Ω	58Hz-150Hz	600/1200	82.6dB	13 1/4"H x 34 1/4"W x 14 1/2"D



### AUTOSOUND GRAND PRIX AWARD

Every year, autosound retailers around the world vote on the winners of the AutoSound Grand Prix awards. Based on reliability, fidelity, and quality. MTX Audio products have won more than 50 Autosound Grand Prix awards during the last nine years including the T610X3 tri-Sub Enclosure pictured on page 29.



### SINGLE-SUB WEDGE ENCLOSURES

Thunder6000 T610 and T612 single-sub wedge enclosures are real performers. They feature a 70° trapezoidal shape to make the most efficient use of available space in your vehicle. The 4 ohm mono design maximizes the output capability of your amplifiers. Each Thunder6000 enclosure has a rear plexiglas viewing window for that custom-built enclosure appearance.

### TRI-SUB™ ENCLOSURE

The T610X3 is a three woofer Tri-Sub trapezoid bass enclosure that conforms to vehicle seat back angles for a perfect fit. The Tri-Sub design fits virtually all hatchbacks, and is a perfect fit for many Camaros and Firebirds. With up to 1500 watts total power handling, the T610X3 takes whatever you give (and probably would ask for more if it could).



**T610X3**



**(back)**



**T610**



**T612**



**T612  
(BACK)**

### THUNDER6000 ENCLOSURE SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Enclosure Size
T610	10" Single	4Ω	44Hz-150Hz	250/500	85.5dB	12 1/4"H x 12"W x 15 1/8"D
T612	12" Single	4Ω	41Hz-150Hz	250/500	87.1dB	14 1/4"H x 15 1/8"W x 17 1/8"D
T610X3	10" Tri-Sub	4Ω	46Hz-150Hz	750/1500	90.0dB	13 1/4"H x 35 1/4"W x 14 1/2"D



# THUNDERFORM™

## VEHICLE-SPECIFIC ENCLOSURES

### MTX LAUNCHES FULL-SCALE BASS INVASION

Every car or truck has wasted space. You know, the places behind or beneath the seats, where loose change and french fries hide. Those spaces are cryin' for bass. MTX Audio responds with ThunderForm vehicle-specific subwoofer enclosures.

MTX Audio engineers measured top-selling vehicles and evaluated their sonic signatures. Using unique materials and creative manufacturing processes, we developed enclosures that would deliver high quality sonic performance, yet fit in the wasted space where you can't fit anything else. ThunderForm vehicle-specific subwoofer enclosures are designed to fill your car's deepest, darkest corners and deliver a mother-load of bass.

### STYLE, SUBSTANCE AND ABOVE ALL, PERFORMANCE

ThunderForm enclosures are engineered in loaded (amplified) models to deliver high SPL with very low distortion (you can get them unloaded also, if you want to "make your own bass"). They're available in a variety of colors to match the interior of your particular vehicle and you won't have to compromise its cosmetic integrity. This is especially nice for those with leased vehicles who want to enjoy added bass without the hassle of messy installations. ThunderForm enclosures are made of high density polyethylene resin – resilient enough to transform into various shapes, yet rigid enough to avoid flexing. It also has enough density to dampen any resonance (no cabinet "ping" allowed).

ThunderForm mobile enclosures are manufactured through a process we call rotational molding. It's technology that allows you to select a textured subwoofer enclosure that sounds great, fits perfectly, and is a perfect color match to your OEM color scheme.

Stay very far away from anyone who tells you that all grays are alike – they're not. And, it's our technological approach that makes these enclosures, that sound like a million and look like a million, not cost a million.

### AMPLIFIED ENCLOSURES: A TOTALLY NEW CONCEPT IN MATERIALS, DESIGN AND MANUFACTURING

Amplified ThunderForm models feature an on-board, 100-watt, Class-D amplifier. The amp is highly efficient, and has been designed specifically for the subwoofer in the enclosure. This means that you get deep, low bass, without having to wire in a separate amplifier.

Our "Smart-Engage" Circuitry (patent pending) eliminates the need to remove your factory head-unit during most installations (if you don't know how much time that feature alone will save you, go sit in your car, and imagine having to tear out the whole dash and hope you don't snap any of the clips in there).



### A WORD FROM THE DOCTOR



"...very solid low-end...plenty of attack... It passed all tests with flying colors. Transformed our truck's uninspired factory sound system from pitiful to plentiful. MTX has broken new ground with this system...Mark my words – the MTX ThunderForm is going to be HUGE."

– Howard Doctor, Auto Sound & Security





## FORD



### FORD MUSTANG COUPE 1994-2000

● Granite

- Also fits GT and Cobra with or without Mach 4.6 sound system (does not fit convertibles)
- Location: In trunk of vehicle on passenger side. Does not interfere with spare tire access
- Molded in granite to match trunk
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: 1.1 cubic feet, sealed
- 4 ohm impedance on loaded version



### FORD RANGER 1993-1997

● Gray  
 ● Tan  
 ● Blue  
 ● Willow Green

- Also fits Mazda B-series pickup (jack may need to be relocated)
- Location: Behind passenger seat in regular cab trucks with 60/40 bench seat and standard bench or buckets
- No loss of leg room
- Molded in factory colors
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: .5 cubic foot
- 4 ohm impedance on loaded version



### FORD RANGER 1998-2001

● Gray  
 ● Charcoal  
 ● Tan  
 ● Blue  
 ● Willow Green

- Also fits Mazda B-series pickup
- Location: Behind driver's seat in regular cab trucks, 60/40 bench seats, sport bucket seat or bench seat
- No loss of leg room
- Factory storage tray on driver side must be removed
- Molded in factory colors
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: .6 cubic foot, sealed
- 4 ohm impedance on loaded version

All MTX Audio ThunderForm loaded models feature a 2-Year Warranty.  
 Amplified models feature a 1-Year Warranty

The ThunderForm enclosure name, product designs, and engineering techniques are protected to the fullest extent possible under law.



### FORD



#### FORD F-150 EXTRA CAB 1997-2001

- Also fits 1999 4-door model
- Location: Under rear seat on passenger side
- No loss of leg room
- Passenger side rear seat will not fold down
- Molded in factory colors
- Install hardware supplied
- Subwoofers: Two 8"
- Enclosure Volume: .8 cubic foot
- 4 ohm impedance on loaded version

- Gray
- Charcoal
- Tan
- Blue
- Maroon
- Green



#### FORD EXPLORER 1991-2001

- Also Fits: Mazda Navajo & Mercury Mountaineer
- Location: Replaces rear passenger side factory net pocket
- Molded in black (enclosure is not visible behind grille)
- Install hardware and grille supplied
- Subwoofer: One 10"
- Enclosure Volume: .6 cubic foot
- 4 ohm impedance on loaded version

- Black



#### FORD EXPEDITION 1997-2000

- Fits Expedition and Lincoln Navigator 2- or 3-row seating
- Location: Replaces rear passenger side factory net pocket
- Molded in black (enclosure is not visible behind grille)
- Install hardware and grille supplied
- Subwoofer: One 10"
- Enclosure Volume: .6 cubic foot
- 4 ohm impedance on loaded version

- Black



## FORD

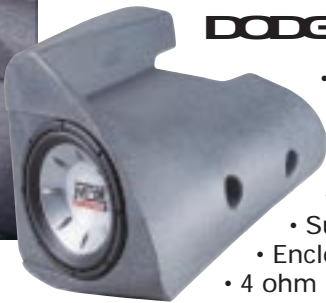


### FORD F-150 REGULAR CAB 1997-2001

- Location: behind seat
- No loss of leg room
- Molded in factory colors
- Install hardware supplied
- Subwoofer: Two 10"
- Enclosure Volume: 1.8 cubic feet
- 4 ohm impedance on loaded version

- Gray
- Charcoal
- Tan
- Blue
- Maroon
- Green

## DODGE



### DODGE/PLYMOUTH NEON 1995-1999

- Fits 2- or 4-door versions
- Location: Trunk of vehicle on driver side.  
Does not interfere with access to spare tire
- Molded in gray to match trunk
- All hardware provided for installation
- Subwoofer: One 10"
- Enclosure Volume: .8 cubic foot, sealed
- 4 ohm impedance on loaded version

- Gray



### DODGE DAKOTA CLUB CAB 1997-2001

- Location: Under rear jump seat (replaces factory tool tray)
- Jack must be relocated into new location molded into ThunderForm (all hardware included) - molded in ebony to match factory tool kit
- Subwoofers: Two 10"
- Enclosure Volume: 1.8 cubic feet
- 4 ohm impedance on loaded version

- Ebony

All MTX Audio Thunderform loaded models feature a 2-Year Warranty.  
Amplified models feature a 1-Year Warranty





# THUNDERFORM™

## VEHICLE-SPECIFIC ENCLOSURES

### DODGE



#### DODGE RAM EXTRA CAB 1994-2001

- Also fits 1998 Quad Cab
- Location: Under rear seat
  - No loss of leg room
  - Bolts to vehicle with supplied hardware (cut out in rear of ThunderForm allows factory jack arm to remain in current location). Jack is unaffected.
  - Molded in factory colors
- Subwoofers: Two 10"
- Enclosure Volume: 1.7 cubic feet
- 4 ohm impedance on loaded version

- Gray
- Charcoal
- Tan
- Blue
- Maroon
- Spruce

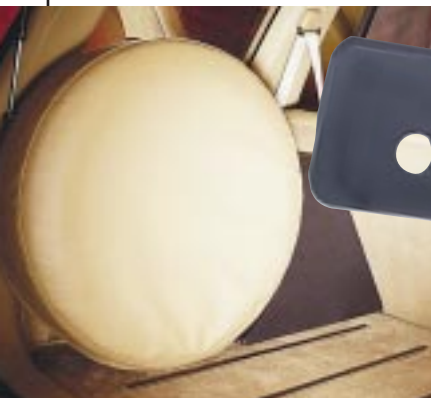


#### DODGE DURANGO 1998-2001

- Location: Mounts under cargo lid in rear of vehicle
  - Completely invisible when installed
  - No loss of cargo space and jack is undisturbed
  - Ported enclosure tuned to 34Hz
    - Molded in black, installed with supplied hardware
    - Subwoofer: One 8"
    - Enclosure Volume: .7 cubic foot, ported
    - 4 ohm impedance on loaded version

- Black

### JEEP



#### JEEP GRAND CHEROKEE 1995-1998

- Location: Mounts behind spare tire on driver side of vehicle using spare tire stowage gear (no holes to drill) great for leased vehicles
- No usable storage space lost
- Molded in black
- Grille supplied
- Subwoofer: One 10"
- Enclosure Volume: 1 cubic foot, sealed
- 4 ohm impedance on loaded version

- Black



## TOYOTA



### TOYOTA TACOMA 1996-2000

- Gray
- Tan

- Fits standard cab and bucket seat version
- Location: Behind seat on driver side
- No loss of leg room
- Factory jack arm must be relocated (all hardware included)
- Molded in factory colors
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: 1 cubic foot
- 4 ohm impedance on loaded version

## CHEVROLET



### CAMARO/FIREBIRD 1993-2001

- Black

- Also fits Camaro RS, Z28 and Trans-Am
- Location: Rear hatch area on driver side. Completely invisible when installed. Does not interfere with T-Top storage. Rear luggage cover is unaffected.
  - Molded in black
  - Install hardware and grille supplied
  - Subwoofer: One 10"
- Enclosure Volume: .6 cubic foot, sealed
- 4 ohm impedance on loaded version



### CHEVY S-10 REG CAB 1995-2001

- Gray
- Charcoal
- Tan

- Also fits GMC Sonoma and Isuzu Hombre
- Location: Behind seat of regular cab pickups
- No loss of leg room
- Molded in factory colors
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: .9 cubic foot, sealed
- 4 ohm impedance on loaded version

All MTX Audio Thunderform loaded models feature a 2-Year Warranty.  
Amplified models feature a 1-Year Warranty



### CHEVROLET

#### CHEVROLET EXTRA CAB 1988-2001



- Location: Under rear seat on driver side. Bolts to floor of vehicle
- No loss of leg room and factory jack kit is not disturbed.
- Molded in factory colors
- Install hardware supplied
- 4 ohm impedance on loaded version

- Gray
- Charcoal
- Tan
- Blue
- Red
- Maroon

##### Single Woofer Model:

- Fits '88-'01 Extra Cab Chevy/GMC pickup and 3-door
- Subwoofer: One 10"
- Enclosure Volume: .9 cubic foot

##### Dual Woofer Model:

- Fits '99-'01 Extra Cab Chevy/GMC pickup and 3-door
- Built-in recess for amplifier mounting
- Subwoofer: Two 10"
- Enclosure Volume: 1.9 cubic feet

#### CHEVROLET SUBURBAN 1992-2000



- Also fits GMC Yukon, Chevy full-size Blazer, Chevy Tahoe and '88-'98 regular and extended cab Chevy trucks with bucket seats
- Location: Replaces factory console. With built-in cup holders and storage area, perfect for palm size computers and other office tools
- Molded in factory colors
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: 1.1 cubic feet, sealed
- 4 ohm impedance on loaded version

- Gray
- Charcoal
- Tan
- Blue
- Red
- Maroon

### HONDA

#### HONDA CIVIC 1992-1995



- Fits 2 or 4 door versions
- Location: Trunk of vehicle on passenger side. Does not interfere with access to spare tire
- Molded in granite to match trunk
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: 1.3 cubic feet, sealed
- 4 ohm impedance on loaded version

- Granits





## HONDA



### HONDA ACCORD 1994-1997

● Granite

- Fits 2 or 4 door versions
- Location: Trunk of vehicle on driver's side.
- Does not interfere with access to spare tire
- Molded in granite to match trunk
- Install hardware supplied
- Subwoofer: One 10"
- Enclosure Volume: .9 cubic foot, sealed
- 4 ohm impedance on loaded version

## VOLKSWAGEN



### VOLKSWAGEN BEETLE 1998-2001

● Black

- Location: In trunk on passenger side.
- Trunk light is still functional.
- Molded in black
- All hardware provided for installation
- Subwoofer: One 10"
- Enclosure Volume: 1 cubic foot, sealed
- 4 ohm impedance on loaded version



### VOLKSWAGEN JETTA 1999-2001

● Black

- Location: In the trunk on passenger side.
- Access to spare tire is preserved.
- Molded in black
  - All installation hardware provided
  - Subwoofer: One 10"
  - Enclosure Volume: .8 cubic foot, sealed
- 4 ohm impedance on loaded version

All MTX Audio Thunderform loaded models feature a 2-Year Warranty.  
 Amplified models feature a 1-Year Warranty



# ROAD THUNDER

## LOADED & UNLOADED ENCLOSURES

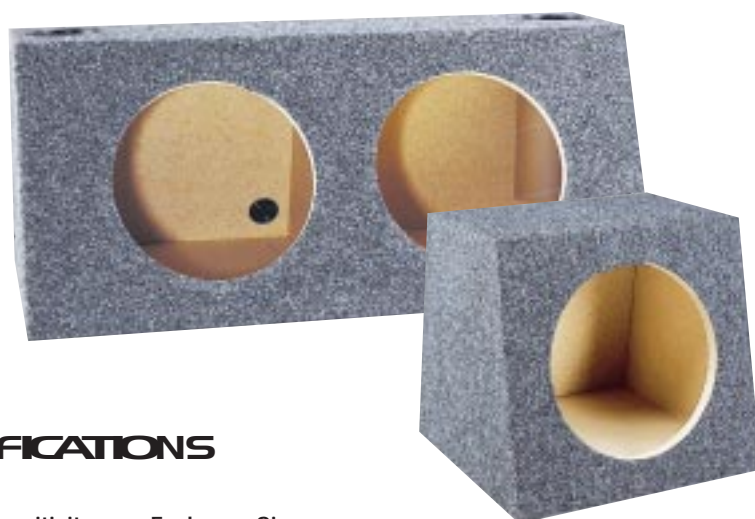
### MOBILE ENCLOSURES: FOLLOW YOUR OWN ROAD

At MTX Audio we approach mobile enclosures with a passion matched only by the feeling you get when you follow your own road. You get a mobile enclosure that fits your brand new vehicle – perfectly. And our loudspeakers are specifically engineered for the enclosure you buy. They feature finely crafted horn-loaded quartz type semiconductor tweeters in the full-range, and solid, high-performance subwoofers for maximum thunder. Each enclosure is covered with aviation grade carpeting to protect your vehicle's interior. The heavy-duty steel grilles protect the subwoofers and are as tough as nails. They have to be because when you are on the road, you don't want to worry about whether your enclosure can take what you give it.



### GET LOADED – UNLOADED ENCLOSURES

MTX Audio unloaded enclosures are ready-for-bass. You choose your own shape and size, then drop in your woofers. Sealed or vented. One-piece or split-box. Wedge or straight-back. Single or dual. 10" or 12" woofers. These enclosures are designed with specific internal volumes to do justice to the sonic characteristics of the MTX woofers. It's like getting a custom-built box, but without all the measuring and sawing.



### FULL RANGE ENCLOSURE SPECIFICATIONS

Model	Description	Imped.	Frequency Response	Power Handling (RMS/Total)	Sensitivity	Enclosure Size
TS82	8" 2-Way Split	4 ohm	60Hz-22kHz	100/200	92dB	13 3/8"H x 16 1/4"W x 7 3/8"D
TS102	10" 2-Way Split	4 ohm	50Hz-22kHz	125/300	94dB	16"H x 22 1/4"W x 8 1/4"D
TW102	10" Dual 2-Way Wedge	4 ohm	50Hz-22kHz	125/300	94dB	13 3/8"H x 35 3/4"W x 14 1/8"D
TW122	12" Dual 2-Way Wedge	4 ohm	40Hz-22kHz	150/400	95dB	15 3/8"H x 35 3/4"W x 19 1/8"D

### UNLOADED ENCLOSURE MODELS

Model	Description	Woofer Capacity	Model	Description	Woofer Capacity
W110S	Single, Sealed Wedge	One 10"	W210S	Dual, Sealed Wedge	Two 10"
W112S	Single, Sealed Wedge	One 12"	W212S	Dual, Sealed Wedge	Two 12"
W210	Single, Vented Wedge	One 10"	CCW210S	Dual, Sealed	Two 10"
W212	Single, Vented Wedge	One 12"	CCW212S	Dual, Sealed	Two 12"
			S100S	Sealed Split Box (2 Boxes)	One 10" Each



### OUR PASSIONS – MUSIC AND CARS

At MTX Audio, we're pretty passionate about car audio. That's because cars and music go so well together. From Loyd Ivey's classic car collection to the ultimate dB Drag Racer. From Sting to Metallica. We love it all.

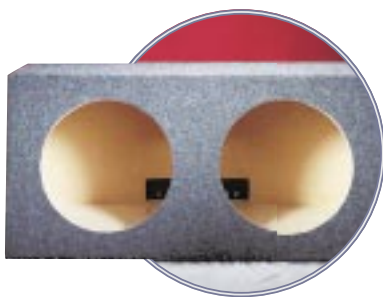


### TOUGH & RUGGED

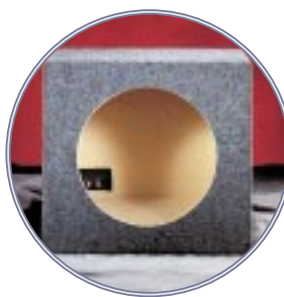
Thunder8000 unloaded enclosures are built to handle the demands of Thunder8000 monster subwoofers. Built of 1" thick MDF, these sealed enclosures are tough, rugged, and more than capable of standing up to the high SPL demands that Thunder8000 subs will deliver.

### GET REALLY LOADED

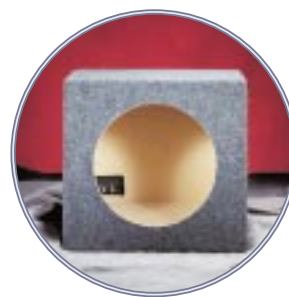
These unloaded, sealed enclosures are ready to take one or two 10" or 12" Thunder8000 subwoofers. Just drop 'em in and start hammerin'.



**T82I0S**



**T8I2S**



**T8I0S**





### DESIGNED FOR THE COMPETITION ARENA

There's no better proving ground than the world of competition. We've designed Thunder Interconnects and Accessories for the pickiest, most demanding group around – IASCA and USAC competitors. When you're in the judging lanes, and your audio system is on the line, any noise introduced into the system through cable or wire means it's over. All the sleepless nights. All the long drives to competitions in faraway states. Wasted. Simply because your cable and

wire weren't designed to eliminate noise. Fortunately, we've got the solution.

### THUNDERLINK – COMMITTED TO TWISTED PAIR

With the MTX Audio ThunderLink Interconnect, we started with one basic truth – that “twisted pair” technology is a requirement for true noise-reduction in the car audio environment. We've incorporated twisted pair technology into every interconnect model.

### COAXIAL – COMMON CABLE

Most signal cable is coaxial. At MTX Audio, we don't use coax. Not in any of our interconnects. Here's why.

Number One: Coaxial cable has more conductors in the shield than in the center conductor.

Number Two: The shield is always closer to the radiating noise source.

The Result: Coaxial cable always presents a noise amplitude difference to the signal receiving device. This difference is seen by the receiving device as an audio signal and is then passed through (Diagram A). It will make a superior audio system sound very, very ordinary.

### COAX VS. TWISTED

Shield has more conductive material

Center conductor has less conductive material

Shield is always closer to noise field

Noise Generating Device

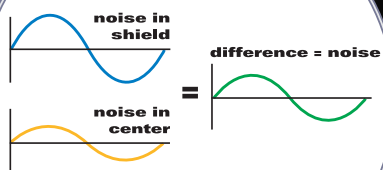
Each side of signal path is same distance from noise field

Each side of signal path conductor has the same amount of conductive material

### TWISTED PAIR – ELIMINATES NOISE

By twisting equal sized conductors, each side of the signal path is exposed to exactly the same amplitude of the radiated noise that is present in all automotive installation environments. Regardless of whether the signal receiving device has a single ended or balanced input, the noise is not passed through the system – only the voltage difference between each side of the signal path is passed through. In Diagram B, you can see there is zero difference in amplitude in twisted pair. Zero difference means zero noise. That means your audio system will sound extremely clean.

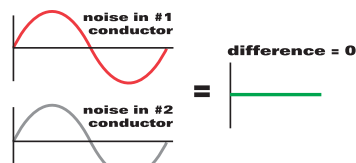
#### Noise on Coax



Noise is not eliminated

**DIA A**

#### Noise Cancellation on Twisted Pair



Same amplitude cancels noise

**DIA B**



### ALL-IN-ONE WIRING

For everything you need in an amplifier installation, look for one of the MTX Audio ThunderLink Amplifier Wiring Kits. These all-in-one install kits have 17" of Installer Standard Interconnect, power wire, ground, fuse holders, fuses, ring terminals and more.



### POWERFUL VERSATILITY

There's a kit for installing a 100 watt amplifier, a 200 watt amplifier, or up to the 500 watt amplifier (the 500 watt amp wiring kit contains 4 gauge wire).



# THUNDERLINK™

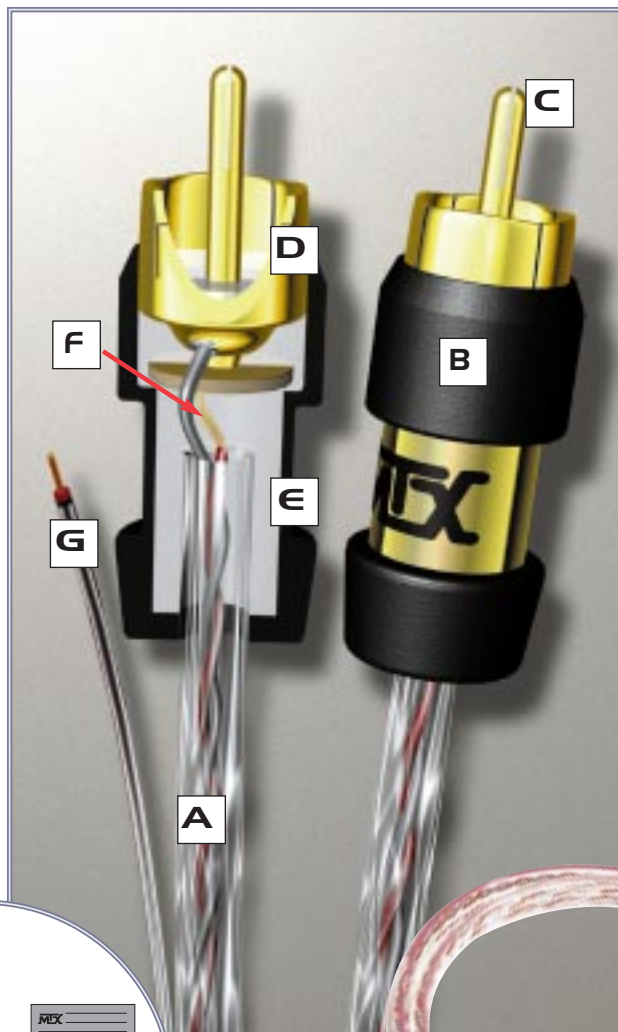
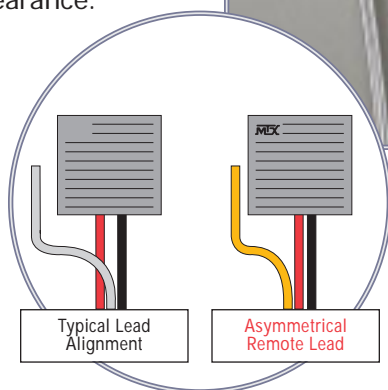
## INSTALLER STANDARD

### SOLVING EVERYDAY INSTALL PROBLEMS

The ThunderLink Installer Standard was engineered to solve the everyday problems installers face. At some point, nearly everyone who has installed an audio system in their car has gone nuts chasing a noise problem that turned out to not even be in the system at all, but in the cable. In honor of the frustrated masses, we named this interconnect "Installer Standard." (We felt your pain.)

### ASYMMETRICALLY MOUNTED REMOTE TURN-ON LEAD

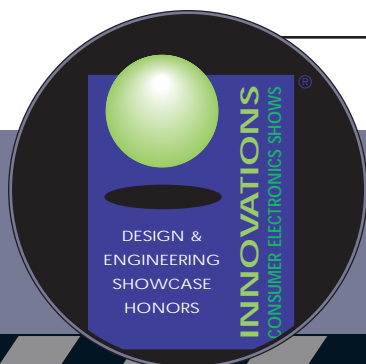
The Installer Standard Interconnect also includes an Asymmetrically Mounted Remote Turn-On Lead. We extruded the remote turn-on lead onto the side of the parallel conductors, rather than using the traditional method of extruding the turn-on lead down the center of the cable and between the parallel conductors. The side-mounted lead can be easily routed to the turn-on terminal with a very clean appearance. Or, if you don't use a remote turn-on lead, just peel it off. (Nice and neat. What a turn-on!)



- A** Twisted pair construction
- B** Jet-black, ergonomically designed RCA plugs
- C** 24-karat gold-plated split center pin (for better connection)
- D** 24-karat gold-plated four-segment outer conductor rings (for tighter fit)
- E** Double-molded strain relief (inner polyethylene with PVC overmold)
- F** OFC (oxygen-free copper) stranding
- G** Asymmetrically Mounted Remote Turn-on Lead

Available in lengths from 1.5 to 20 feet

### INNOVATIONS



MTX Audio ThunderLink products were the recipients of the coveted Innovations Design and Engineering Showcase Award – only awarded to the coolest, most unique, techno stuff around.



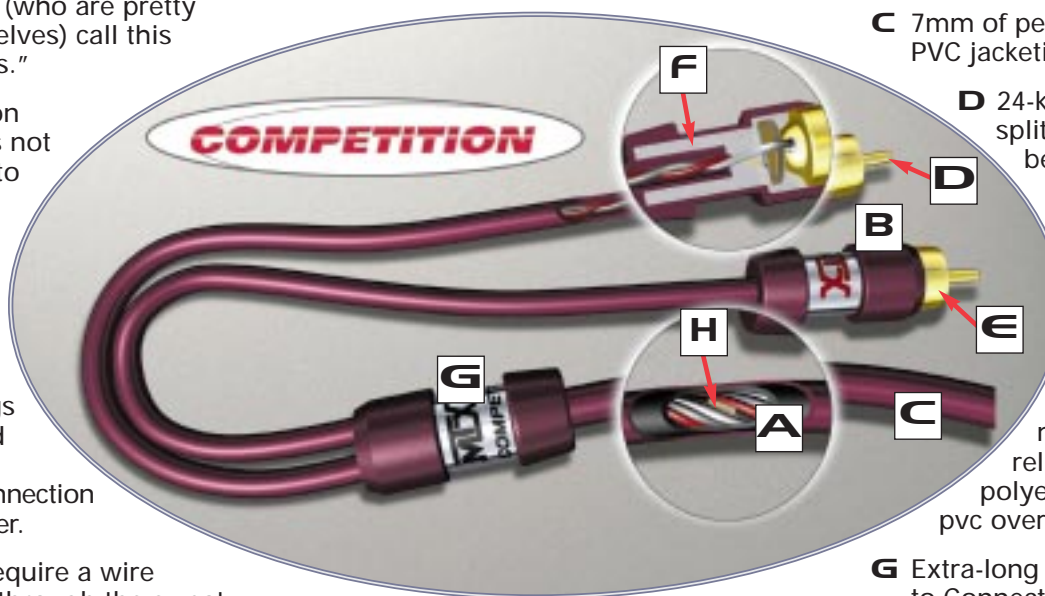


### TWICE AS TWISTED

ThunderLink Competition uses two pairs of twisted pair wire twisted together. This further reduces the loop area where extraneous noise is introduced. Our engineers (who are pretty twisted themselves) call this "Twisted Twins."

Improving upon perfection was not an easy thing to do but we accomplished it in very important ways: gold-plated center pins and conductor rings for a rock solid and highly conductive connection and OCC Copper.

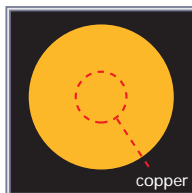
Competitors require a wire that performs through the sweat and toil of competition. Audiophiles know your sound is only as good as your wire. We created ThunderLink Competition.



- A** "Twisted Twins" (twisted, twisted pair) RCA cable
- B** Pearl red, ergonomically designed RCA plugs
- C** 7mm of pearl red, extruded PVC jacketing
- D** 24-karat gold-plated split center pin (for better connection)
- E** 24-karat gold-plated four-segment outer conductor rings (for tighter fit)
- F** Double-molded strain relief (inner polyethylene with pvc overmold)
- G** Extra-long Junction Block to Connector
- H** OCC Copper Stranding

### OCC COPPER PROVIDES BETTER BASS RESPONSE

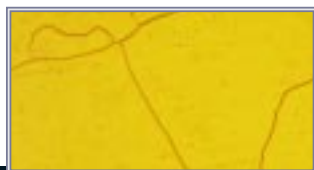
Low frequencies pass through the conductor toward the center where there's a high concentration of very pure, OCC copper. This makes Competition the logical choice for enhanced bass response. The superior level of purity from the OCC process means less resistance, higher conductivity and a better signal.



### OCC COPPER: HIGHER PURITY = BETTER SIGNAL



Traditional copper casting yields many small crystals. The dark spots are the impurities. (Nasty, huh?)



OCC (Ohno Continuous Casting) results in fewer, larger crystals with very smooth surfaces and fewer impurities.



Available in lengths from 1.5 to 20 feet



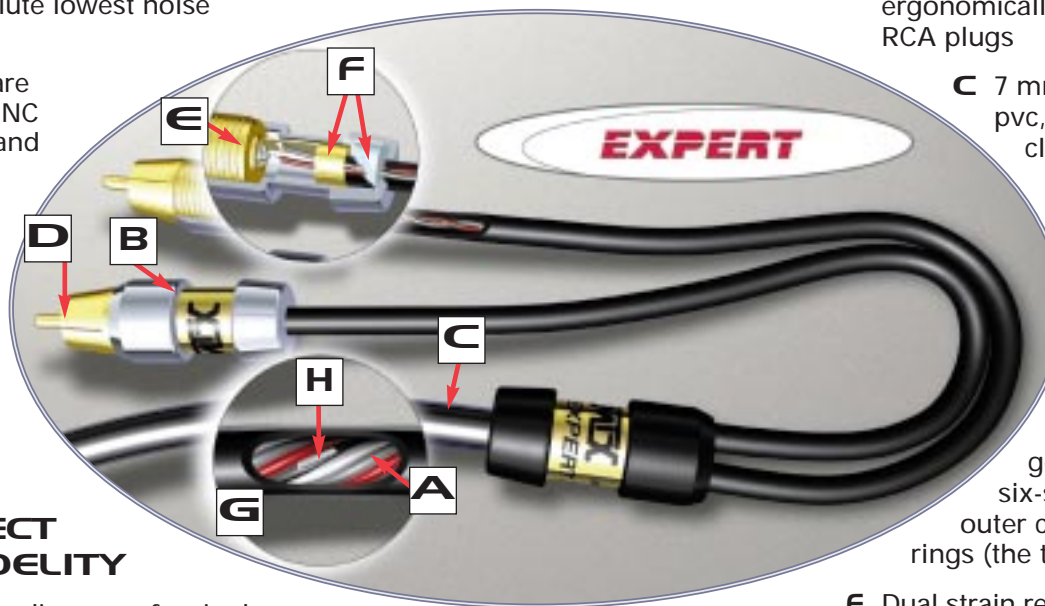
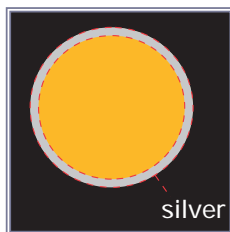
### THE ELEGANT EXPERT

With a very high-gloss, elegant look, ThunderLink Expert is the best cable choice if you want absolute lowest noise possible.

The connectors are machined on a CNC lathe, chromed, and then plated with 24-karat gold. We did this for two reasons. First, you get a very durable connector. Second, they look clean. Sweet.

### SKIN EFFECT = HIGH FIDELITY

This cross-section diagram of a single strand of wire shows ThunderLink Expert's silver coating. Silver is a superior conductor. We use it as the coating, because the higher frequencies travel close to the surface of the cable (this is a phenomenon called "skin effect"). This makes ThunderLink Expert Interconnects the best choice where the maximum degree of high fidelity is expected. (Like in the Sound Quality Plus competition at the IASCA finals.)



**A** "Twisted Twins" (twisted, twisted pair RCA cable)

**B** Gold-plated and Chrome ergonomically designed RCA plugs

**C** 7 mm of black pvc, with a clear overlay jacketing

**D** 24-karat gold-plated split center pin (for better connection)

**E** 24-karat gold-plated six-segment outer conductor rings (the tightest fit)

**F** Dual strain relief (machined end with polyethylene innermold)

**G** Teflon dielectric

**H** Silver-coated, OFC copper stranding

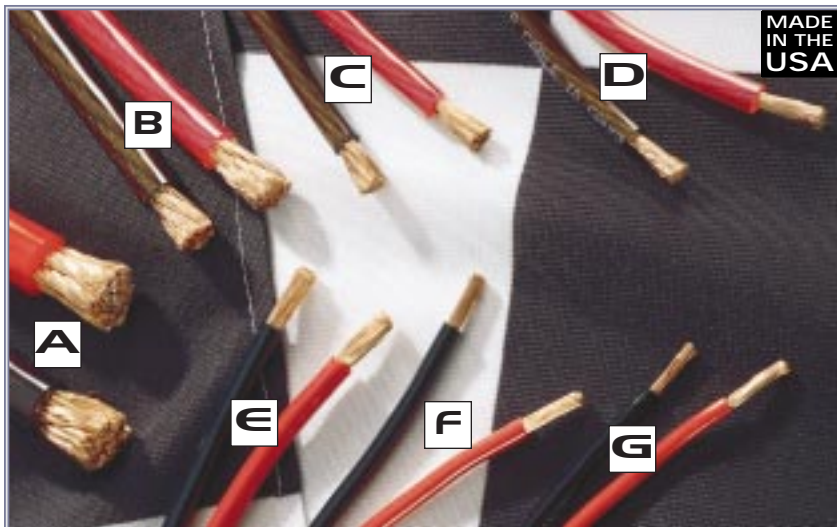
Available in lengths from 1.5 to 20 feet

### CABLE & WIRE



The MTX Wire and Cable features a Rope lay construction for maximum flexibility (flexibility is good – you'll appreciate it when you're twisting yourself into a pretzel and crawling around under the seats).





### THUNDERCABLE™

All ThunderCables feature 105°C oversized PVC jacketing and high purity OFC copper stranding. ThunderCable Installer Standard is a very flexible power cable, perfect for everyday use. The jacket is oil and gas resistant too.

### THUNDERCABLE COMPETITION

ThunderCable Competition products are made for any installation situation that requires rugged, tough, cable with installation flexibility. These cables have an oversized, 105°C translucent PVC jacket that's oil and gas resistant and features an extremely high conductor count for maximum flexibility.

These products are Made in the USA and feature Rope lay construction for maximum flexibility (flexibility is good – you'll appreciate it when you're crawling around under the car's seats).

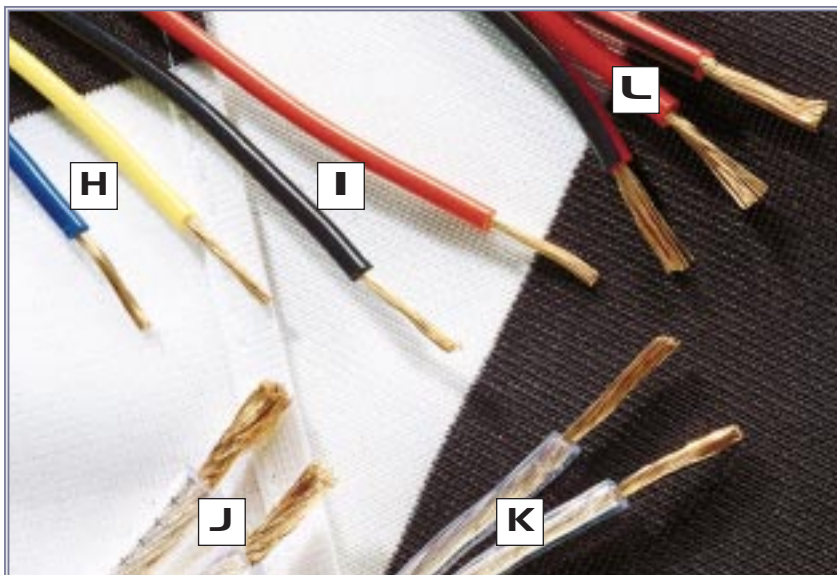
### THUNDERWIRE™ – GET CONNECTED

In selecting speaker wire, there are two key things to look for: 1. Installation flexibility 2. Cost efficiency. MTX ThunderWire answers these demands and more. With its high conductor count, you'll find it to be very flexible. OFC copper wire is a superior conductor for high quality sonic performance. The jacket is 105°C, virgin, crystal clear PVC. And, as usual, they're gas and oil resistant to stand up to any installation.

**H / I** Primary wire is 18 gauge, in black, red, blue or yellow. With 16 strands of 30AWG copper – the basic stuff you can't live without.

**J** 12 Gauge Speaker Wire (rope lay): 518 strands 36AWG copper

**K** 16 Gauge Speaker Wire: 52 strands 30AWG copper



**L** Imagine doing an install and having to rig processor installation wire. We've seen installers take 3 primary wires, jam them into a battery powered drill and twist them together – but you'd rather avoid that step. That's why we invented a 3-conductor Primary Wire. Each conductor has 26 strands of 30AWG copper covered with a 2.9mm PVC jacket colored red, black, and red with a black stripe. MTX Audio is the first company to come up with this idea and our installers and competition are saying, "Why didn't WE think of this?!"





### THUNDERSTUFF™

We called it ThunderStuff, because that's what it is – all the other "stuff" you need to complete an installation: battery terminals, ring terminals, distribution blocks, Y-connectors, fuses and fuse holders, etc., etc. This is the stuff that makes all the other MTX Audio products sound so good. For superior conductivity in each of the ThunderStuff parts, we engineered a multi-step, gold-plating process:

- Step One – Oxygen-free Copper Plating (remember, the less oxygen, the greater the purity level of the copper)
- Step Two – Sulfate of Copper Plating
- Step Three – Brilliant Nickel Plating
- Step Four – Gold Plating (1.7 - 2.0 microns)

The gold-plating step uses 24-karat gold that is both durable and a great conductor. And great looking, too. The gold-plating is a highly regulated process that falls under ISO control, ensuring consistent parts and an extremely high level of quality. (Translation: our stuff is good stuff, not that cheap stuff that sucks.)

- A** Ring Terminals (set-screw type) are available in 8 gauge, 4 gauge, 2 gauge, and 1/0 gauge, with optional clear PVC covers.
- B** Ring Terminals (crimp-on type) are gold-plated with red and black insulators. They come in 18 gauge, 10 gauge, and 4 gauge.
- C** Battery Terminals are available in several configurations. BAT8 accepts one ring terminal, and two 8 gauge wires. BAT4 accepts one 1/0 gauge, two 4 gauge, and two 8 gauge wires. Each has an optional PVC cover.

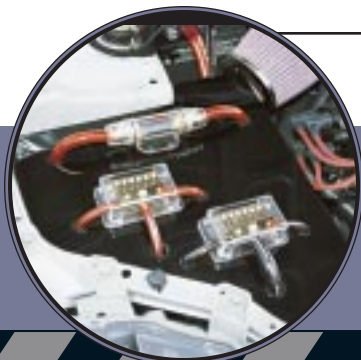


- D** Spade terminals are gold-plated, with red and black insulators. They come in 12 gauge and 8 gauge models.

- E** Speaker terminals are gold-plated with red and black insulators. Offered in .110", .205" and .250" sizes.

- F** Y Connectors are gold-plated beauties:
  - 1 female to 2 males
  - 1 male to 2 females
  - Female to female butt connector

### THE RIGHT CONNECTION



Your system is only as good as its weakest link. That's why it's so important to be sure that every connection in your system is the right connection. MTX Audio lets you be sure that your connections are strong, secure and look great, too.

## SWEAT THE DETAILS

A car engine needs a whole system of parts to make it run smoothly. Imagine when you first start it up: fan belts whirr, the engine roars to life with its crank turning and pistons pumping. A car doesn't move without the right parts, and your audio system can't survive without the best components. Distribution blocks, fuses, fuse holders, and fuse blocks. They're all 24-karat gold-plated for superior conductivity and durability. Don't trust your MTX Audio gear to anything less than ThunderStuff.

## DISTRIBUTION BLOCKS

There's four of these guys, each better than the one before:

DBMC – 2-4 gauge inputs/outputs,  
4-8 gauge outputs

DBME – 1-0 gauge input, 2- 4 gauge outputs,  
6-8 gauge outputs

DBSC – single 4 gauge input, 4-8 gauge outputs

DBDC – dual 4 gauge inputs,  
dual 4-8 gauge outputs



Fuses are available in AGU type with 10, 20, 30, 40, 50 and 60 amp ratings and ANL types in 60, 150 and 250 amp ratings. And yes, the fuses are gold-plated!



## FUSE BLOCKS

We offer a full family of fuse blocks in both AGU and Maxi styles:

2FBAGC – 2-position AGU, 3-4 gauge inputs,  
2-8 gauge outputs

4FBAGC – 4-position AGU, 3-4 gauge inputs,  
4-8 gauge outputs

2FBMAC – 2-position Maxi, 3-4 gauge inputs,  
2-8 gauge outputs

3FBMAC – 3-position Maxi, 3-4 gauge inputs,  
3-8 gauge outputs

4FBMAC – 4-position Maxi, 3-4 gauge inputs,  
4-8 gauge outputs





# HARD WEAR

WEAR THE THUNDER







## LIVIN' LOUD – LIVIN' PROUD

You love car audio. You love MTX Audio. Let it show with authentic MTX Audio Hard Wear wearables. We've got something to cover almost every part of your body and some great accessories, too. Available now.

- A** MTX Audio T-shirt, Navy
- B** MTX Audio Thunder Jersey, Black
- C** mtxaudio.com T-shirt, Black
- D** MTX Audio Polo, Red/White/Black
- E** MTX Audio Polo
- F** MTX Audio Sweatshirt, Ash Grey
- G** MTX Audio Denim Shirt, Black
- H** MTX Audio Oxford, White or Black
- I** MTX Audio Lanyard
- J** MTX Audio Drawstring Shorts, Black
- K** MTX Audio Cap, Black w/ White Stitching
- L** MTX Audio Cap, Black w/ Red Visor
- M** MTX Audio Bucket Hat, Black
- N** MTX Audio Ski Cap, Black
- O** MTX Audio Mouse Pad
- P** MTX Audio CD Wallet, 24 CD Capacity
- Q** MTX Audio Gym Bag
- R** MTX Audio Sport Bottle





## TAKING ON THE WORLD

When you decide to take on the world of autosound competitions, you'd better be prepared to change your life. A dB Drag Racing



or Sound Quality champion is a special breed. Working till dawn, tweaking and changing your system. Taking the system apart, listening to it, and tearing it apart again. Your mission in life will focus on how to wring out an extra point in the lanes. How to get that extra tenth of a dB



that might be the margin between winning and losing. Remembering your pizza delivery man's name, but forgetting your own. You can't stop making it better. It's insanity. A sickness with no cure. Maybe you'll win a trophy. Maybe not. Maybe you'll be the next world champion. Maybe you won't. And maybe you'll love every minute of it.



## GET SERIOUS

"If you are serious about setting world records, this is the kind of power you need to be looking at very carefully." [Writing about the MTX 1000 watt Class D amplifier] Performance Auto & Sound magazine, December 2000





# EX PER IENCE FORCE





**SINCE YOU CAN'T LIVE IN YOUR CAR, MTX AUDIO  
HAS A COMPLETE LINE OF HOME AUDIO  
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