

RECOGNIZING THE NEED

OUR FASCINATION WITH MUSIC KNOWS NO BOUNDARIES...
CAVE MEN STUMBLED ONTO IT, JUNGLE MEN COMMUNICATED
WITH IT, AND TODAY WE ARE PERFECTING IT.

FACT...

On average, Americans spend three hours a day strapped inside their cars, stuck in endless traffic jams on unfriendly highways. A quarter of our conscious life is spent behind the steering wheel of an automobile.

SO WHAT?...

It's high noon, trapped in the jam, windows down, blower at max and no relief in sight... Lethal doses of burning rubber and exhaust fumes creeping up your lungs... Road rumble & brakes squeaking numb your ears... You're screaming for help.

NEXT...

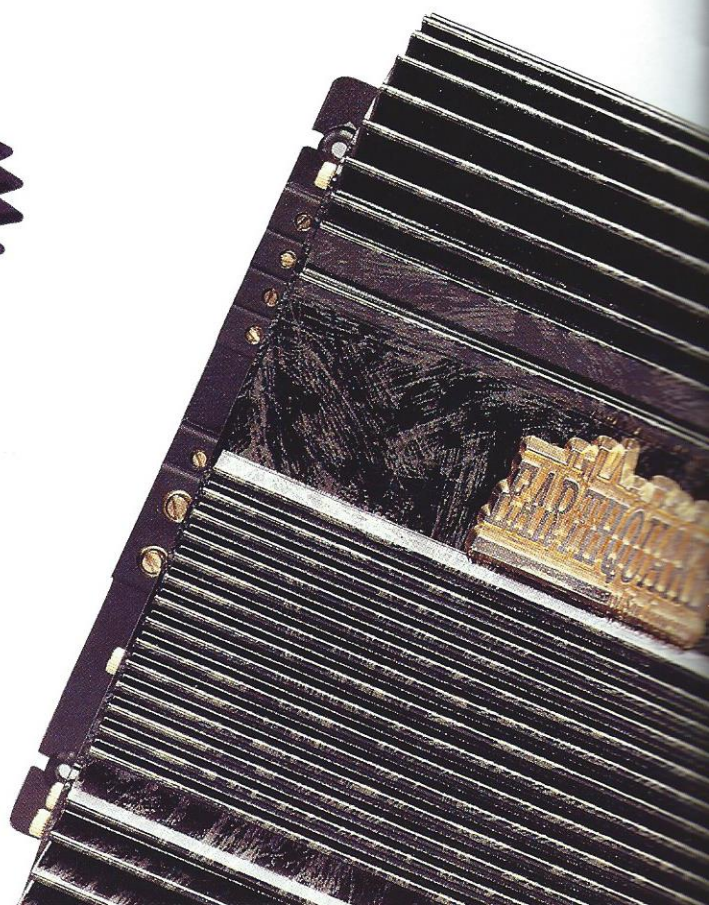
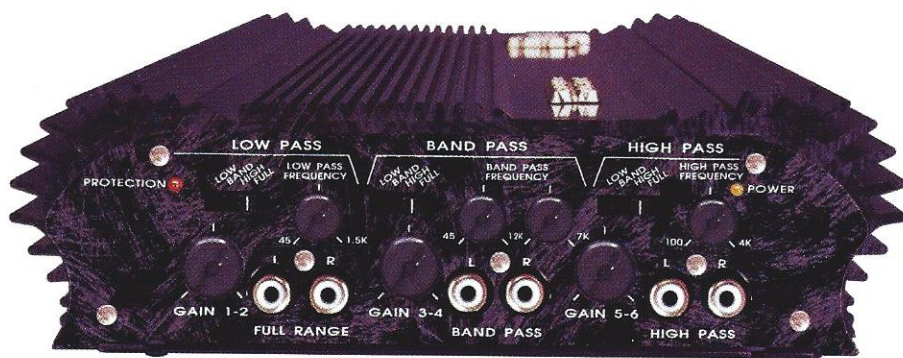
Calmly, you reach and turn on the stereo. WHAT A DISAPPOINTMENT! So much music degradation, you elect to go back to the sweet whining road noise... WHAT A PREDICAMENT!

FAILURE OF FACTORY INSTALLED AUDIO SYSTEMS...

To address our diversified listening habits; opened the gates to "after market car audio"... Owners of new and used cars share typical problems inherent in factory installed audio systems:

IN THE FRONT...

Lack of power, low sound quality, poor staging & imaging, cloudiness and audio non-linearity are common deficiencies found in factory installed stereo systems. Improper positioning of factory installed speakers and primitively designed audio processing circuitry's don't help much either.... This drove us at Earthquake to custom design series' of high-definition, high-power, rugged, drivers like the CS's, MC's & DX's.



IN THE BACK...

Most cars do not have rear speakers; and if they do, poor placement, high distortion and lack of power render them useless... Actually, improper positioning of speakers has an adverse effect on the overall performance of an audio system. In audiophile systems, rear speakers complement their front counterparts: they are referred to as "rear fill" and they should not encroach on the front stereo imaging. With this in mind, we developed 6x9's and a whole bunch of coaxial speakers designed to fit rear deck factory cut outs.

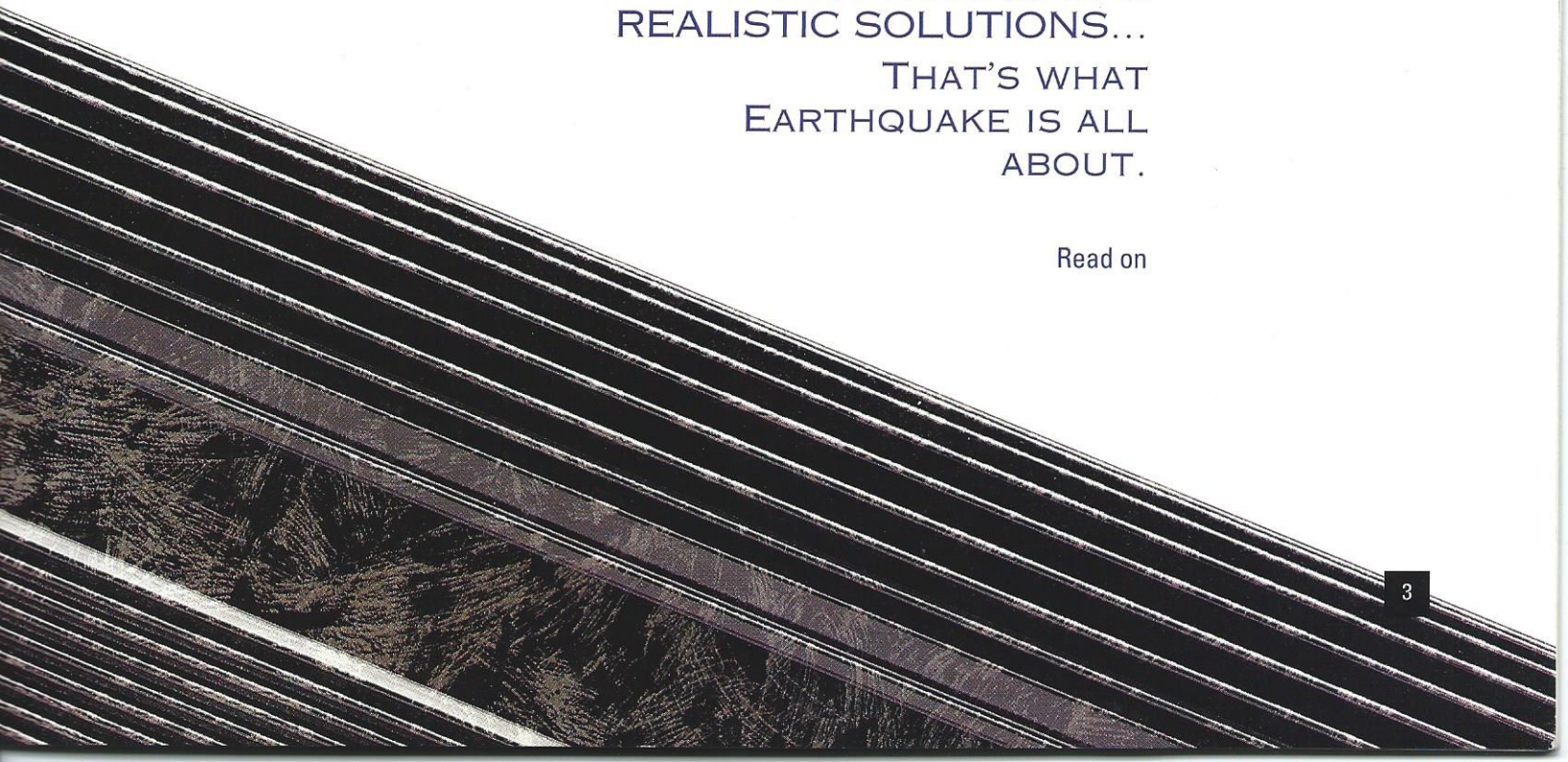
NOT FINISHED YET...

An after market audiophile system is not accomplished by simply replacing factory speakers; the task often requires an increase in amplification, more equalization and possibly crossover installation. All that costs MONEY... And unlike the Federal Government where money runs rampant; we realize that your audio needs are often restricted to a certain budget. We at Earthquake designed a wide range of system upgrades to fulfill your listening needs; we put together components and complete systems that address cost, features, and value... They are the cornerstones of bigger and more elaborate audio systems.

REAL PEOPLE,
REAL PROBLEMS &
REALISTIC SOLUTIONS...

THAT'S WHAT
EARTHQUAKE IS ALL
ABOUT.

Read on



ONE SIMPLE INSTALL DOES IT ALL !

PERFECTLY MATCHED COMPONENTS.

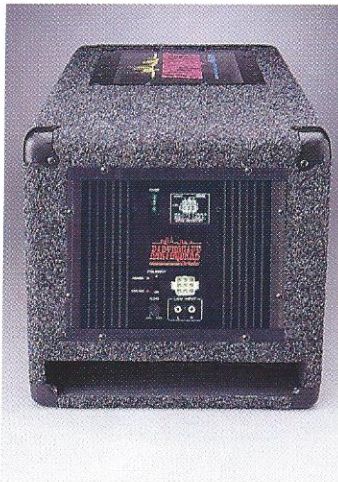
"The best bandpass sub I've ever heard"

By Peter Mitchell
of Car Audio And Electronics magazine

GOT EVEN BETTER.

It now employs a built-in Earthquake amplifier rated at 260 W/RMS and a hefty Earthquake subwoofer custom designed to perform flawlessly in the enclosure.

Available with an easy snap on/off moxex plug for quick removal. The ABP can be used in different cars without the hassle of rewiring.

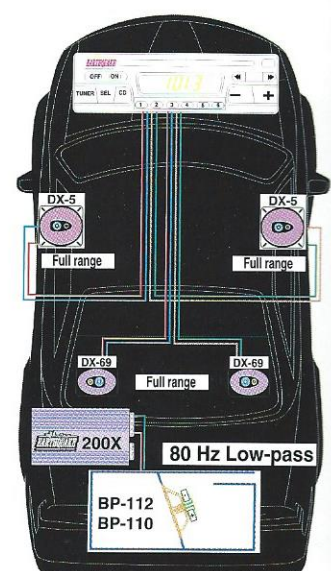
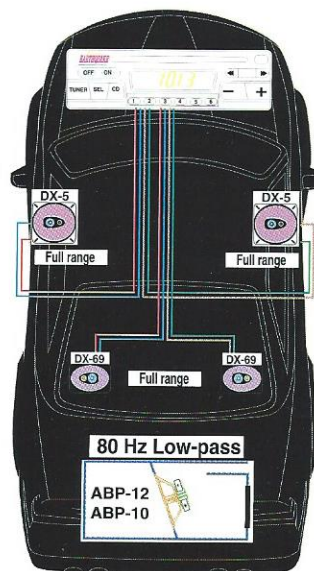


The built-in 12dB/Octave low pass filter is fixed at 80Hz for clean smooth rolloff, it also eliminates the need for external filtering. Two levels of inputs ranging from 200mV to 14 volts make the ABP-10 easily adaptable to any factory stereo system. Finished with the highest quality, fused-back, charcoal-gray carpet; the ABP-10 perfectly blends with any trunk interior.

"Massive Bass" as easy as 1,2,3... without reworking the existing factory audio system; hooking up the ABP-10 is a relatively simple process: Throw the box in the trunk, run a (+ & -) 12 volts into it, a turn on line and an audio signal from the nearest speaker or RCA if present. You're up and running.

FAILURE OF FACTORY INSTALLED AUDIO SYSTEMS TO GENERATE BASS IS NO SURPRISE; THE LACK OF AMPLIFICATION AND THE USE OF UNDERSIZED SPEAKERS CREATE THE PROBLEM.

| | SYSTEM 1 | SYSTEM 2 |
|------------------------|---|---|
| FRONT SPEAKERS | Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". | Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". |
| REAR SPEAKERS | Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". | Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". |
| SUBWOOFER | ABP-12 or ABP-10 powered bandpass boxes | BP1-10, BP1-12, BP2-10 or BP2-12 bandpass boxes |
| AMPLIFIERS | Built-in the ABP-12/10 | 200X (200 Watts) 250TX (250 Watts) 300TX (300 Watts). |
| HEAD UNIT | Factory or aftermarket | Factory or aftermarket |
| OTHER HARDWARE | Earthquake High Performance power cables & speakers wires | Earthquake High Performance power cables & speakers wires |
| VEHICLE | Fits most trunks, hatchbacks, and off-road vehicles | Fits most trunks, hatchbacks, and off-road vehicles |
| INSTALLATION | Though it is a simple install, we recommend that you consult with an Earthquake certified installer | Though it is a simple install, we recommend that you consult with an Earthquake certified installer |
| UPGRADE-ABILITY | YES | YES |



A TYPICAL SOLUTION REQUIRES THE USE OF A 200 WATT AMPLIFIER, CROSSOVER, HIGH/LOW SIGNAL ADAPTER, SUBWOOFER(S), A SUB BOX AND INSTALLATION. SIMPLER SOLUTIONS ARE SHOWN IN SYSTEM 1 THROUGH 5.

SYSTEM 3

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

BRT-10" or BRT-8" bass tubes.

200X (200 Watts) or 250TX (250 Watts).

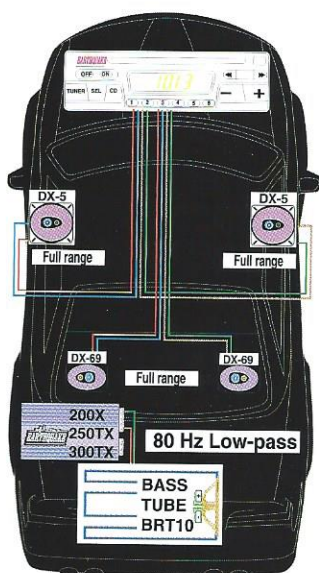
Factory or aftermarket.

Earthquake High Performance power cables & speakers wires

Fits most trunks, hatchbacks, and off-road vehicles

Though it is a simple install, we recommend that you consult with an Earthquake certified installer

YES



SYSTEM 4

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

HP-12 or HP15 open air speakers. One or two units can be used.

200X (200 Watts) or 300TX (300 Watts) or 400TX (400 Watts).

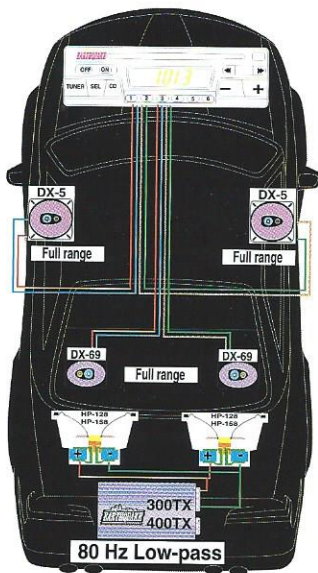
Factory or aftermarket.

Earthquake High Performance power cables & speakers wires

Fits most trunks, hatchbacks, and off-road vehicles

Though it is a simple install, we recommend that you consult with an Earthquake certified installer

YES



SYSTEM 5

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

BR-15, BR12 or BR-10 speakers in custom box. One or two units can be used

200X (200 Watts) or 300TX (300 Watts) or 400TX (400 Watts).

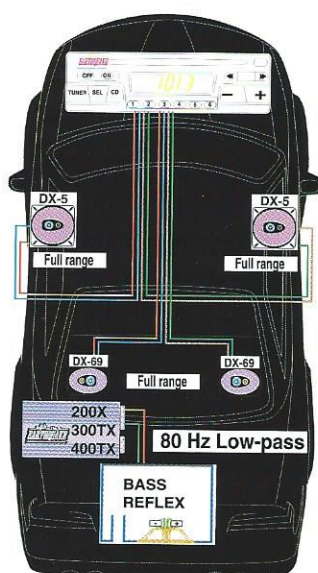
Factory or aftermarket.

Earthquake High Performance power cables & speakers wires

Fits most trunks, hatchbacks, and off-road vehicles

Though it is a simple install, we recommend that you consult with an Earthquake certified installer

YES



BACK TO VALUE.

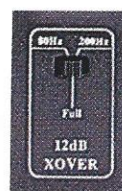
The design goal of the 200X is to offer consumers an amplifier - at a very low price - capable of driving a subwoofer enclosure or a speakers component set with minimal installation requirement.

The 200X is a package that includes an amplifier, a crossover and a high/ low signal adapter all housed in one slick aluminum casing.

It is capable of dishing out 75 watts RMS. x 2 in 4 ohm stereo mode or 200 Watts x 1 in 4 ohm mono mode; the built in low pass @ 80Hz / high pass @ 200Hz filter makes it ideal to run a subwoofer

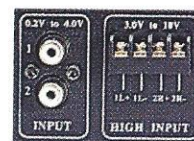


box (low pass , mono mode) or a pair of matched component set (high pass, stereo mode).



The real catch is that the 200X is equipped with an RCA as well as speaker level signal inputs; thus making its installation a pleasant and simple process - Just tap into the closest speaker line or RCA outlet in your trunk.

"HIGH POWER, LOW DISTORTION AND A WHOLE LOT OF FEATURES make the 200x an award winning amplifier."



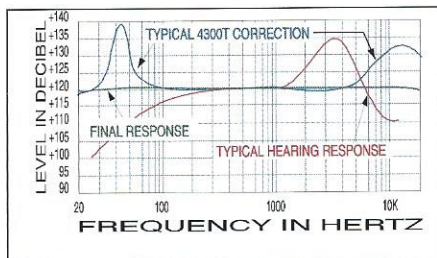
ALL AROUND POWER BOOST.

LACK OF POWER IN FACTORY INSTALLED STEREO SYSTEMS LEADS TO INFERIOR PERFORMANCE. WITH MINIMAL ALTERATION TO THE VEHICLE, SYSTEMS 6 & 7 MAKE AN "ALL AROUND" AUDIO IMPROVEMENT.

IMPROVED HEARING WITH TONAL CONTROL

"The Earthquake's bass and treble boost controls have steeper slopes than conventional tone controls found on a head unit and they work closer to the frequency extremes, making them useful for extending the response of your speaker system."

-Joel Cohen
Car Audio and Electronics, Oct 1992



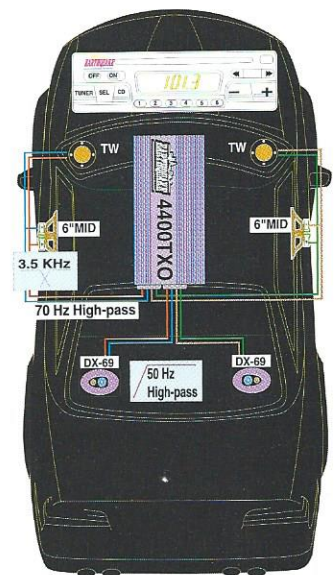
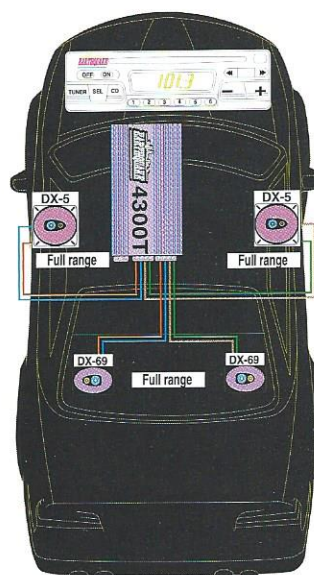
At a common listening level of 120 decibels; human hearing suffers 20 dB loss at 40 Hertz, and 10 dB at 10 kilo Hertz. This imperfection, combined with the limitations of stock stereo systems; deliver a blow to both ends of the music spectrum. **Earthquake Engineered BASS and TREBLE BOOSTS** that localized the corrections at 45Hz and at 12kHz, leaving the rest of the frequency spectrum untainted.

Earthquake 4300T power amplifier exemplifies the importance of



TONAL CONTROLS by integrating independent BASS and TREBLE boosts to both sides of the amplifier.

| | SYSTEM 6 | SYSTEM 7 |
|------------------------|---|---|
| FRONT SPEAKERS | Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". | Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". |
| REAR SPEAKERS | Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". | Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". |
| SUBWOOFER | Not applicable | Not applicable |
| FRONT AMPLIFIER | One 4300T, in full range mode. | One 4300TXO or 4400TXO in Highpass mode. |
| REAR AMPLIFIER | CH1/2 front, CH3/4 rear. | CH1/2 front, CH3/4 rear. |
| HEAD UNIT | Factory or aftermarket | Factory or aftermarket |
| OTHER HARDWARE | Earthquake High Performance power cables & speakers wires | Earthquake High Performance power cables & speakers wires |
| VEHICLE | Applicable to all vehicles | Applicable to all vehicles |
| INSTALLATION | Consult with an Earthquake certified installer | Consult with an Earthquake certified installer |
| UPGRADE-ABILITY | YES | YES |



BASS AND STEREO IMAGES ENHANCEMENT.

THE FREQUENCY RANGE OF HUMAN HEARING IS 20HZ TO 20KHZ, BUT IT IS NOT UNIFORMED; OUR EARS ARE LESS SENSITIVE TO BASS AND HIGH NOTES. SYSTEM 8, 9, & 10 ARE DESIGNED TO COMPENSATE FOR SUCH A DEFICIENCY.

SYSTEM 8

Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

BR1-12, BP1-10
Subwoofer box

200X in High pass 120Hz.
200X in Low pass 80Hz or
use 3400X three channel amplifier

Factory or aftermarket.

Earthquake High Performance
power cables & speakers wires

Applicable to all vehicles

Consult with an Earthquake
certified installer

YES

SYSTEM 9

Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

CP-15 or CP-12
woofers
in a custom enclosure

One 4300TXO or 4400TXO,
CH1/2 in High pass mode(front);
CH3/4 in Low pass mode(Woofer)
or use 3400X three channel amp

Factory or aftermarket.

Earthquake High Performance
power cables & speakers wires

Applicable to all vehicles

Consult with an Earthquake
certified installer

YES

SYSTEM 10

Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

HP-12 or HP-15
woofers
in open air

One 4300TXO or 4400TXO,
CH1/2 in High pass mode(front);
CH3/4 in Low pass mode(Woofer)
or use 3400X three channel amp

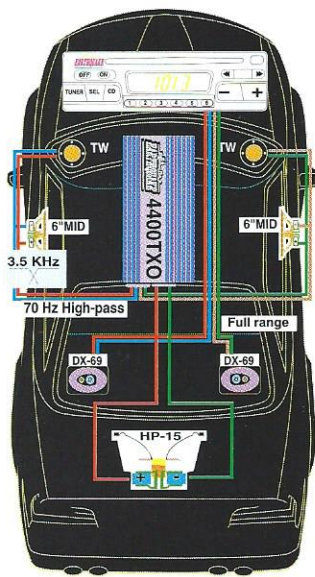
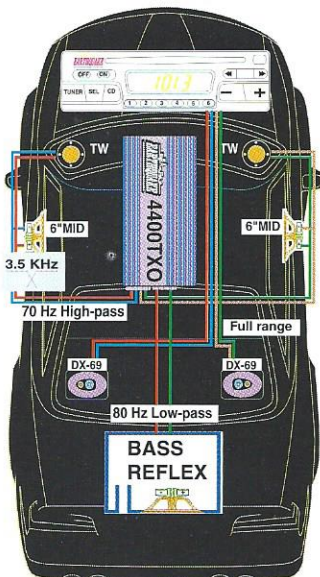
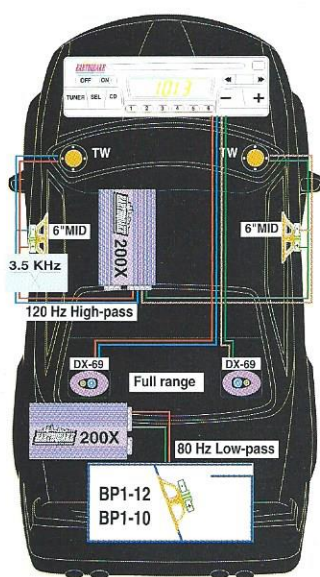
Factory or aftermarket.

Earthquake High Performance
power cables & speakers wires

Applicable to all vehicles

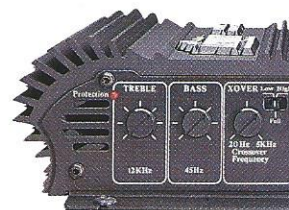
Consult with an Earthquake
certified installer

YES



USEFUL FEATURES

Undoubtedly, Earthquake TXO series of power amplifiers is considered the epitome in design sophistication... These four channel amplifiers are available in two packages : 4300TXO rated at 400 watts RMS in 4 ohms mono; and the 4400TXO rated at 500 watts RMS in 4 ohms mono.



TXO application is unlimited; it can run a bass box from one side (mono channels 1 and 2) and a set of front speaker components on channels 3 and 4. It also can run all in high pass, or low pass; even in bandpass by simply feeding the highpass output of one side to the input of the other side (crossed in low pass).

HOME THEATER ON WHEELS.

HIGH-SPL AUDIO SYSTEMS DO NOT FULFILL THE SOPHISTICATED NEEDS OF MUSIC CONNOISSEURS. AUDIOPHILE SYSTEMS ADDRESS THE DIFFERENT LEVELS OF THE MUSIC SPECTRUM BY SEGMENTING THE FREQUENCY RANGE AND INDEPENDENTLY AMPLIFYING EACH SEGMENT. THUS MEETING THE REQUIREMENTS FOR FRONT STEREO IMAGING, REAR STEREO FILL AND SUB-BASS.

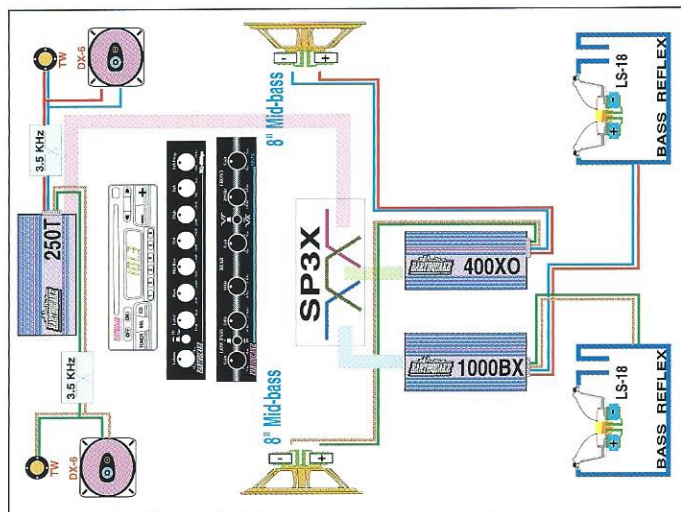
ACOUSTICAL LIMITATION IN CARS.

To build a highend system in an automobile, one needs to duplicate a live stage environment where the bass, mid and high frequencies aminate from the stage (front) toward listeners.

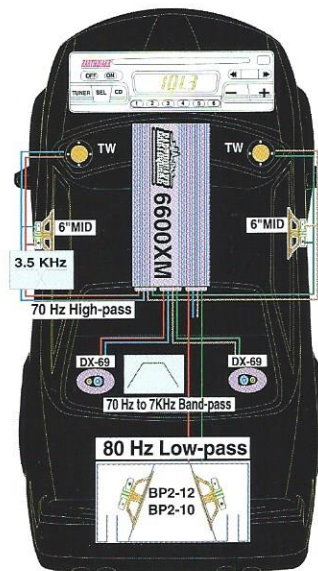
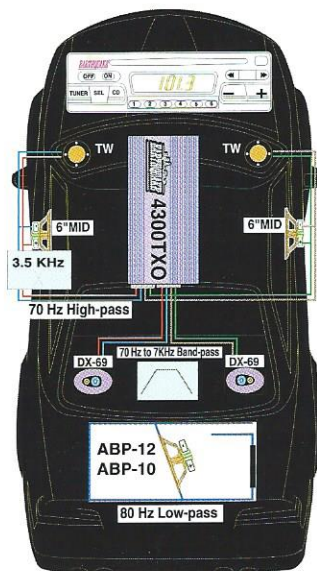
Yet the space limitations in cars make it a difficult task to find room in the front to place a subwoofer box. Front woofer placement is limited to factory cutouts that normally do not exceed 8" in diameter. **The choice is evident: Trunk mount large subwoofer (10" and up) to generate sub-bass.**

Front stereo images are created by combining midranges and tweeters. Positioning these speakers is crucial for sound separation and imaging; midranges and tweeters would be 4" to 8" apart.

To provide the necessary rear fill, a three-way, 6x9 speaker installed in the rear deck would do the job. Ideally, the signal fed into these speakers should be stereo bandpass, with a bandwidth of 100Hz to 7KHz. Care should be taken not to have the rear tweeters encroach on the front ones.



| | SYSTEM 11 | SYSTEM 12 |
|------------------------|---|---|
| FRONT SPEAKERS | Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". | Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9". |
| REAR SPEAKERS | Factory or upgrade with DX/CS/MC speakers 3", 4", 5", 6" and 4x6", 5x7", 6x9". | Factory or upgrade with DX/CS/MC speakers 3", 4", 5", 6" and 4x6", 5x7", 6x9". |
| SUBWOOFER | ABP10 or ABP12 powered bandpass boxes. | BP1-12, BP1-10, BP2-12 or BP2-10 boxes. |
| FRONT AMPLIFIER | One 4300TXO or 4400TXO, in High pass mode CH1/2 front, CH3/4 rear. | One 6600XM in three way mode: CH1/2 High pass CH3/4 Bandpass, |
| REAR AMPLIFIER | | CH5/6 Low pass. |
| BASS AMPLIFIER | Built into ABP10/12 | |
| HEAD UNIT | Factory or aftermarket | Factory or aftermarket |
| OTHER HARDWARE | Earthquake High Performance power cables & speakers wires | Earthquake High Performance power cables & speakers wires |
| VEHICLE | Applicable to all vehicles | Applicable to all vehicles |
| INSTALLATION | Consult with an Earthquake certified installer | Consult with an Earthquake certified installer |
| UPGRADE-ABILITY | YES | YES |



FRONT IMAGES ARE AMPLIFIED IN A STEREO MODE AND FILTERED ABOVE THE 80 HERTZ MARK. THE REAR FILL IS CONTAINED TO A RANGE OF 100 HERTZ TO 7 KILO HERTZ, NOT TO ENCROACH ON THE FRONT IMAGES. GENERALLY BASS IS RUN IN MONO MODE AND IS CROSSED BELOW 100 HERTZ. SYSTEMS 11 THROUGH 14 FULFILL THE FRONT, REAR AND BASS REQUIREMENTS.

SYSTEM 13

Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX/CS/MC speakers 3", 4", 5", 6" and 4x6", 5x7", 6x9".

BP1-12, BP1-10
BP2-12 or BP2-10 boxes

One 6600XM in three way mode:
CH1/2 High pass
CH3/4 Bandpass,

CH5/6 Low pass

Factory or aftermarket.

EQ-4000PX EQUALIZER

Applicable to all vehicles

Consult with an Earthquake certified installer

YES

SYSTEM 14

Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX/CS/MC speakers 3", 4", 5", 6" and 4x6", 5x7", 6x9".

2 OA12 in open air
or 2 BR-12 in custom box

One 4300TXO in High pass mode.
CH1/2 front
CH3/4 rear.

400TX in Low pass mode 80Hz.

Factory or aftermarket.

Earthquake High Performance
power cables & speakers wires

Applicable to all vehicles

Consult with an Earthquake
certified installer

YES

SYSTEM 15

Factory or upgrade with DX/CS/MC speakers available in 3", 4", 5", 6" and 4x6", 5x7", 6x9".

Factory or upgrade with DX/CS/MC speakers 3", 4", 5", 6" and 4x6", 5x7", 6x9".

2 HP-12 or 2 HP-15 in open air
or in custom sealed box

One 4400TXO in High pass mode.
CH1/2 front
CH3/4 rear.

700BX in Low pass mode 80Hz.

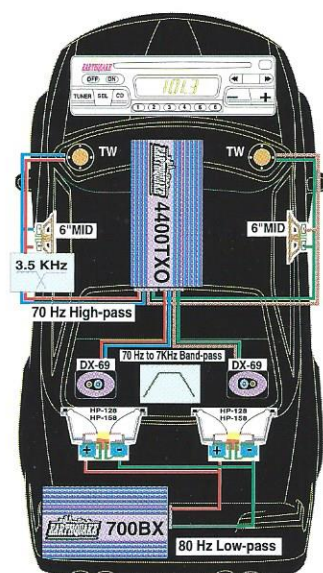
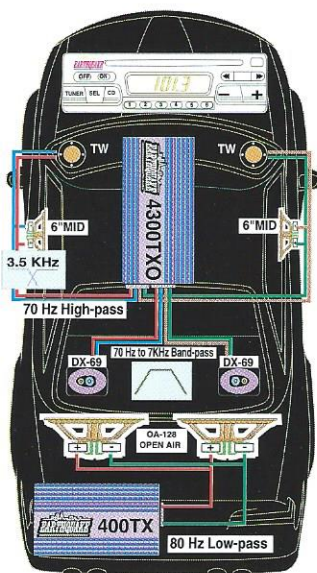
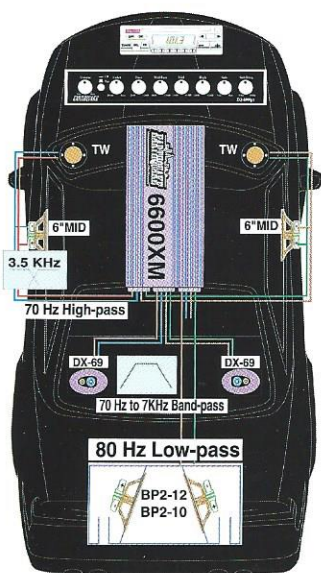
Factory or aftermarket.

Earthquake High Performance
power cables & speakers wires

Applicable to all vehicles

Consult with an Earthquake
certified installer

YES



THE HEART BEAT OF IN-CAR HOME THEATER.

The 6600XM amplifier reduces the complexity of *Home Theater* concept to a single package; It is designed to fulfill *Home Theater Front, Rear and Bass requirements* in mobile applications.

Three independent crossover's are used in the 6600XM:

Lowpass variable filter from 45Hz to 4.5 KHz.

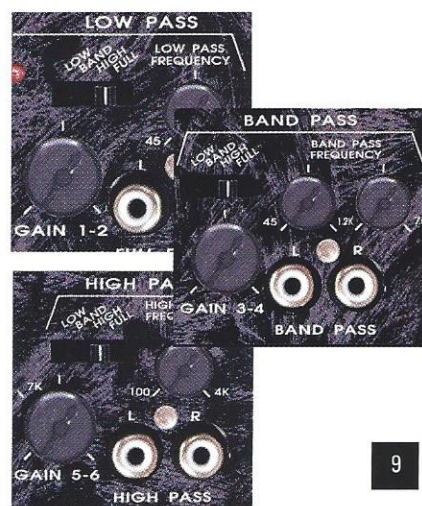
Bandpass filter adjustable on both ends from 45Hz to 7khz.

Highpass variable filter from 100Hz to 4 KHz.



The filters are activated by inputting signal into the correspondent RCA jacks. The Lowpass filter draws signal from all 3 RCA inputs, thus rendering it unaffected by fader action.

4-Way switches allow each pair of channels to be configured for Full-range, Lowpass, Bandpass or Highpass operation.



IN BIG SYSTEMS, CONTROL BECOMES THE NAME OF THE GAME... ACOUSTICAL CHARACTERS OF CARS DIFFER IN REFLECTION AND ABSORPTION, THIS PLAYS A BIG ROLE IN THE OVERALL FREQUENCY RESPONSE OF AUDIO SYSTEMS. HIGH END USERS SEEK SOLUTIONS BY FLATTENING THE FREQUENCY RESPONSE USING ELABORATE $1/3$ OCTAVE EQUALIZERS NORMALLY MOUNTED IN TRUNKS; YET, THEY ARE NOT EASILY ACCESSIBLE.

System designed for SUV (sport utility vehicles).

USERS BENEFIT FROM INSTALLING FOUR OR FIVE BAND (1/2 DIN) EQUALIZERS IN THE DASHBOARD. HAVING THE 4000PX IN THE FRONT ALLOWS LISTENERS TO EASILY CONTROL THE LEVEL OF BASS, FRONT AND REAR IMAGES WITHOUT ANY COMPROMISE. MOUNTED IN THE FRONT, THE 4000PX GIVES THE USER THE ABILITY TO ADJUST BANDWIDTH AND GAIN OF FREQUENCIES TO MEET THEIR PERSONAL TASTE. SYSTEMS 16, 17 AND 18 ARE HIGH POWER COMPETITION DESIGNS.

SYSTEM 17

One pair of TW-103SMT high performance surface mount tweeters.

6" midrange units. CS-6 component set is recommended.

BR-8 woofers crossed in bandpass between 60 to 200Hz.

Not needed.

Two LS-18 subwoofers in sealed custom enclosure.

250T running the tweeters and the 6" midranges.

400X0 in bandpass mode running two BR-8 in rear doors.

1000BX amplifier running the two LS-18 in low pass 80Hz.

High end CD unit

NG-2000.

EQ-4000PX four band.

SPX two/three way electronic crossover.

Four door sedans.

SYSTEM 18

One pair of TW-103SMT high performance surface mount tweeters.

6" midrange units. CS-6 component set is recommended.

Not needed

DX-6 or DX69 coaxial speakers

Four BR-1070 subwoofers in custom sealed enclosures.

700 BX amplifier running the BR-1070 subwoofers in 4 Ohm mono mode.

4400TX0 in high pass mode running the front and the back doors speakers.

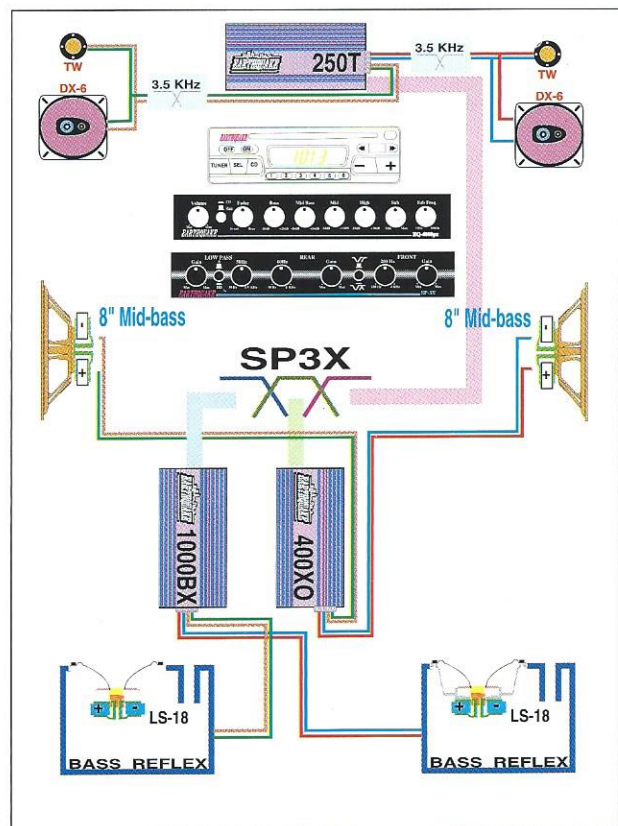
High end CD unit.

EQ-4000PX four band.

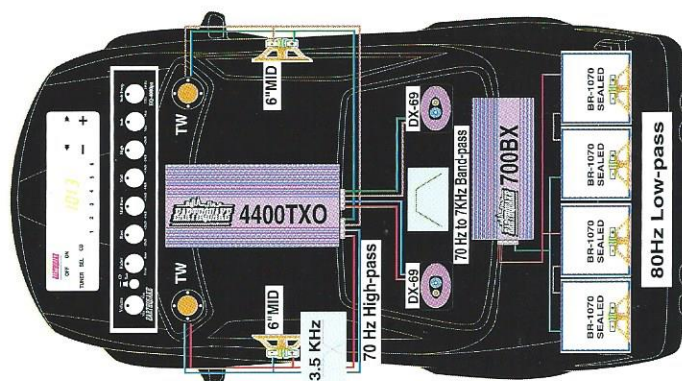
Not needed

Two door sedan, hatchbacks, and four door sedan.

SYSTEM 17



SYSTEM 18



200X

WHETHER YOUR AUDIO NEEDS ARE AS SIMPLE AS UPGRADING A SPEAKER, AN AMPLIFIER, ADDING A SUB ENCLOSURE; OR TO HAVE AN ELABORATE AUDIOPHILE SYSTEM. EARTHQUAKE HAS THE ANSWER TO YOUR NEEDS...

EARTHQUAKE MANUFACTURES A WIDE VARIETY OF AUDIO COMPONENTS DESIGNED TO WORK ALONE AND TO COMPLEMENT EACH OTHER IN MORE COMPLEX SYSTEMS.

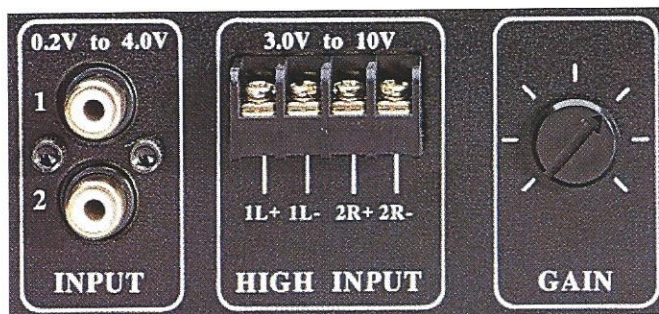
"GOOD THINGS COME IN SMALL PACKAGES"

That's what the 200X amplifier is all about. This compact package (6" long) makes upgrading any part of your audio system a snap; that's how it works...



THE BUILT-IN FILTERS MAKE THE 200X EASILY ADAPTABLE TO ANY APPLICATION.

- For BASS, set the crossover switch to "80Hz". This activates a 12dB/oct. Low pass filter starting at 80Hz; the amp is now ready to drive the subwoofer box of your choice.
- For Front Stereo Images, switch the crossover to "120Hz". Now the amplifier is in Highpass mode with a slope of 12dB/oct. at 120Hz. This is a great setting for 4", 5" or 6" midrange/tweeter combo.
- Even for full range, the 200X works great with coaxial speakers. Like 6" for doors or 6x9" in rear decks.



THE RCA AND SPEAKER LEVEL INPUTS ALLOW THE AMP TO BE USED WITH VIRTUALLY ANY HEAD UNIT.

Whether you choose to keep the factory installed AM/FM cassette or you want to use a more sophisticated after market unit; the 200X can handle a wide range of audio signal from 200 Millivolt to 10 Volts.

250T 4300T

CONSUMERS DIVERSIFIED LISTENING NEEDS ARE FULFILLED BY EARTHQUAKE'S VARIOUS LINES OF AMPLIFIERS SUCH AS THE X, T, TX, XO, TXO, BX AND UHC'S. THE NEXT PAGES DESCRIBE THE FEATURES AND DESIGN CONCEPT OF EACH AMPLIFIER LINE...

TONAL CONTROLS FOR IMPROVED HEARING.

By nature, human hearing is less sensitive to music around 40 and 10,000 Hertz; this compelled Earthquake to implement corrective counter measures = **BASS AND TREBLE BOOSTS.**

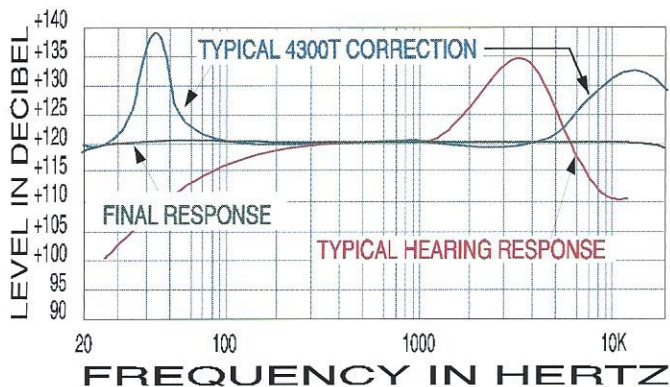


The "T" family of amplifiers is available to consumers in two models:

- 250T, two channel amplifier rated 250 watts RMS.
- 4300T, four channel amplifier rated 300 watts RMS.



THESE AMPLIFIERS FEATURE A CORRECTIVE 18 DECIBELS BASS BOOST AT 45 HERTZ AND 12 DECIBELS TREBLE BOOST AT 12,000 HERTZ.



With narrow "Q", the Bass and Treble boosts have minimal discoloration effect on the rest of the music spectrum.

BOTH THE 250T AND THE 4300T ARE DESIGNED TO RUN IN 3/2/1 CHANNEL OPERATIONS.

So versatile, they could be used for an overall power boost; or as part of bigger and more elaborate audio systems.

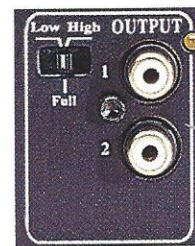
250TX 300TX 400TX

TX=T+X=VERSATILITY, SIMPLICITY AND AFFORDABILITY (SIMPLE MATH).
ONE DAY, EARTHQUAKE DESIGNERS DECIDED TO COMBINE THE
BEST OF TWO WORLDS (T&X) INTO A SINGLE AMPLIFIER. SURE, WE
CAN DO IT; EARTHQUAKE ENGINEERS REPLIED...THAT DAY WAS THE
"BEGINNING OF A BEAUTIFUL RELATIONSHIP": TX.

TO SATISFY THE
DIVERSIFIED POWER NEEDS
OF USERS, EARTHQUAKE
CHOSE TO BUILD THE
"TX" AMPLIFIERS IN 3 SIZES:

- 250TX with a rated output of 250 Watts RMS.
- 300TX with a rated output of 300 Watts RMS.
- 400TX with a rated output of 400 Watts RMS.

AMATEURS AND
PROFESSIONALS ENJOY
THE ABUNDANT AND
USEFUL FEATURES
AVAILABLE IN THE "TX"
AMPLIFIERS; SUCH AS:



- 2-WAY variable crossover (High pass / Low pass) from 20Hz to 5KHz.
- 3-WAY switch (Low / Full / High) that feeds the main amplifier a Low pass, Full range or High pass audio signal.
- Another 3-WAY switch (Low / Full / High) feeds into a stereo RCA output a Low pass, Full range or High pass audio signal.
- Stereo RCA outputs designed to feed other amps an audio signal.
- Bass boost at 45Hz; with 18dB capability, it makes a great tool to shape the response of a subwoofer or an enclosure.
- Treble boost at 12kHz; 12 Decibels guaranteed to liven-up stereo images in many audio systems.

A "TX" AMPLIFIER MAKES A
GREAT ADDITION TO ANY
FACTORY INSTALLED
STEREO SYSTEM; IT CAN BE
USED TO DRIVE A
SUBWOOFER OR A SET OF
HIGH DEFINITION
SPEAKER COMPONENTS.

400XO 700XO

XO SIMPLY STANDS FOR CROSSOVER WITH OUTPUTS:

X = CROSSOVER ; O = SIGNAL OUTPUTS. THIS ELIMINATES THE NEED TO USE EXTERNAL CROSSOVER'S. THAT'S HOW IT WORKS:

Unlike any product in the market,

THE XO AMPLIFIERS HOST TWO INDEPENDENT BUILT-IN VARIABLE FILTERS (LOW PASS AND HIGH PASS); WITH A SLOPE OF 12DB/OCT.

Each filter has a variable crossing frequency selector and an 18dB / oct. gain control.

EACH OF THE FILTERS HAS AN RCA OUTLET DESIGNED TO FEED CROSSED SIGNAL INTO OTHER AMPLIFIERS IN LINE;



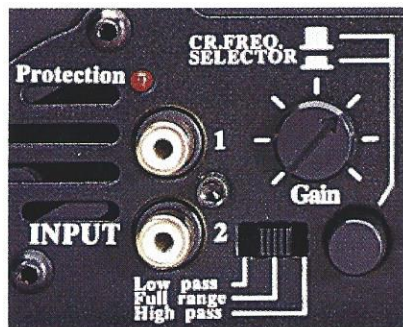
The high pass and low pass crossing points could be overlapped or gapped as desired.

XO AMPLIFIERS DO IT ALL...

For Bass; these amps can be used in Low-pass mode to drive subwoofers or a bass box.

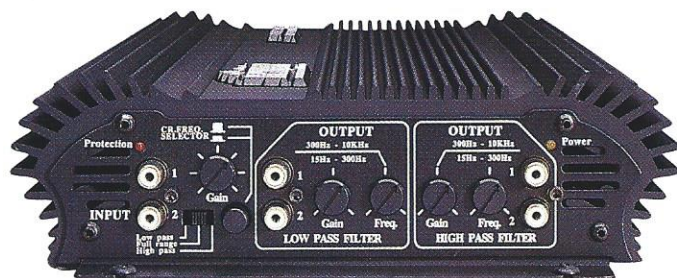
For Front Stereo images; simply switch the amp to High-pass mode to drive a matched components set.

Full range application; is also available to power up coaxials and other full range drivers.



THE AMPLIFIER IS FED A SIGNAL VIA A THREE WAY SWITCH TAPPED INTO BOTH FILTERS AND INTO AN EXTERNAL SOURCE SUCH AS A CD; LEAVING USERS THE CHOICE TO EMPLOY THE AMPLIFIER AS NEEDED.

LIKE OTHER EARTHQUAKE AMPLIFIERS, THE XO'S HAVE FULLY PROTECTED CIRCUITRY WITH AN ADDED SAFETY MEASURE: A BUILT IN FUSE ON THE END PLATE.



Enough with all the jargons... Consumers enjoy the choice of two models: 400XO rated at 400 watts RMS x 1 into 4 ohms; and the 700XO rated at 700 watts RMS x 1 into 4 ohms.

4300TXO 4400TXO

TXO = TONAL CONTROLS +
ELECTRONICS CROSSOVER'S +
CROSSED AUDIO OUTPUTS....

Undoubtedly, the TXO power amplifiers are considered the epitome in design sophistication; they are

DESIGNED TO FULFILL THE REQUIREMENTS OF COMPLETE AUDIO SYSTEMS.

With only one amplifier; a user can enhance Front Stereo Images and add a tremendous amount of Bass without employing any external crossover's. Equipped with 2 sets of stereo Signal outputs, a TXO amplifier makes a great building block for a bigger and more complex system; a user can feed the crossed output signal into other amplifiers without the need of any additional crossover's.

AVAILABLE IN TWO MODELS:

4300TXO rated at 400 watts RMS in 4 ohms mono.

4400TXO rated at 500 watts RMS in 4 ohms mono.



2 AMPS IN 1...

A simple way to describe a TXO amplifier is to divide it in two: Channels 1 and 2 make one amplifier; and Channels 3 and 4 make another.

EACH AMP FEATURES :

- A 2-way electronic crossover with a 12dB/ Oct slope, and a variable frequency crossing dial ranging from 30Hz to 5kHz.
- A 3-way switch that feeds the amp a Low-pass or a High pass signal from the Crossover or full range from the external source - head unit.
- Another 3-way switch that controls the output RCA's designed to feed - low/high or full- signal into other amps.
- Bass and treble equalization to enhance the performance of the amplifier, yet it does not effect the crossover, hence RCA out.

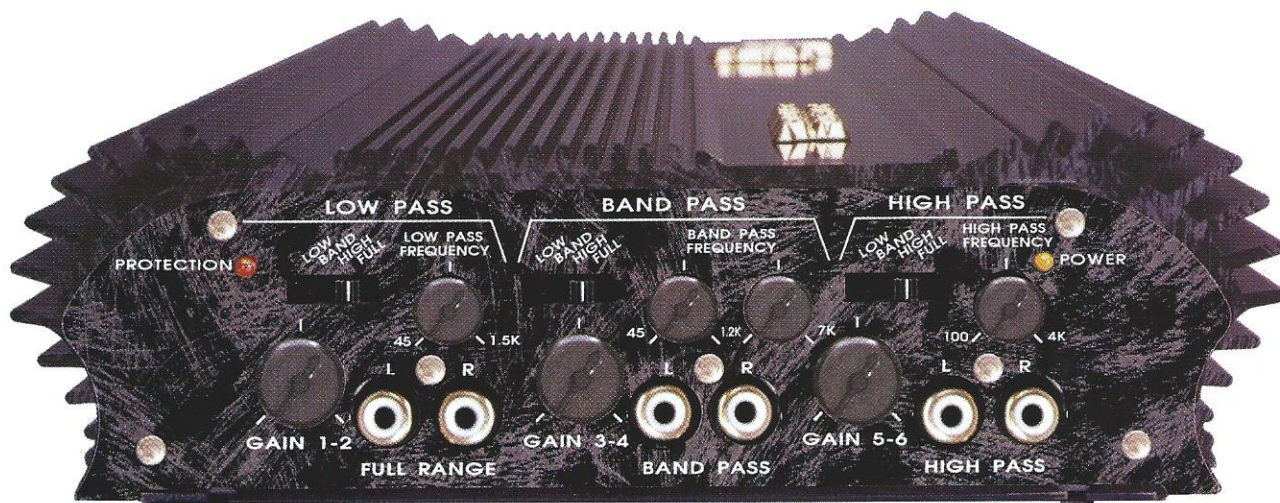


THE TXO AMPLIFIER HAS LIMITLESS APPLICATIONS; IT CAN RUN A BASS BOX FROM ONE SIDE (MONO CHANNELS 1 AND 2) AND A SET OF FRONT SPEAKER COMPONENTS ON CHANNELS 3 AND 4. IT ALSO CAN RUN ALL IN HIGH PASS, OR LOW PASS, HECK... EVEN IN BANDPASS BY SIMPLY FEEDING THE HIGHPASS OUTPUT OF ONE SIDE TO THE INPUT OF THE OTHER SIDE (CROSSED IN LOW PASS).

6600XM

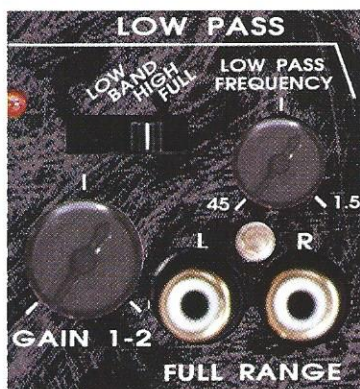
HOME THEATER ON WHEELS USING ONE AMPLIFIER.

THE 6600XM AMPLIFIER REDUCES THE COMPLEXITY OF HOME THEATER CONCEPT TO A SINGLE PACKAGE; IT IS DESIGNED TO FULFILL HOME THEATER FRONT, REAR AND BASS REQUIREMENTS IN MOBILE APPLICATIONS.



Three independent crossover's are used in the 6600XM:

- Lowpass variable filter from 45Hz to 4.5 KHz . This filter is fed a signal from the front, rear and full range inputs; hence making it unaffected by fader action.
- Bandpass filter from 45Hz to 7KHz. This filter is independently adjustable from either end for wider or narrower bandwidth.
- Highpass variable filter covers a wide range down to 100Hz, making it possible to rive upper bass



THE FILTERS ARE ACTIVATED BY INPUTTING SIGNAL INTO THE CORRESPONDENT RCA JACKS.

The Lowpass filter draws signal from all 3 RCA inputs, thus rendering it unaffected by fader action. 4-Way switches allow each pair of channels to be configured for

FULL-RANGE, LOWPASS, BANDPASS OR HIGHPASS OPERATION.

THE HEART BEAT OF BASS...

"BX" MEANS SUPERIOR BASS. POWER IS A MUST TO GENERATE BIG BASS FROM SUBWOOFERS. POWER HUNGRY BASS NOTES CONSUME A LOT OF ENERGY AND DRIVE AMPLIFIERS CIRCUITRY BEYOND THE LIMIT, EVENTUALLY TO DESTRUCTION. NOT SO, WITH THE EARTHQUAKE "BX" AMPLIFIERS... THEY ARE DESIGNED TO HANDLE THE STRESSES OF BASS APPLICATIONS; THEY PERFORM REMARKABLY TO DELIVER EXTENDED DEEP BASS "WITHOUT BREAKING A SWEAT".

AVAILABLE IN 3 MODELS:

700BX rated at 700 watts RMS in 4 ohms mono.

1000BX rated at 1000 watts RMS in 4 ohms mono.

42000BX rated at 1000 x 2 watts RMS in 4 ohms mono.

**"BX" SUPERIORITY IS EVIDENT
IN EVERY PART OF THE
AMPLIFIER:**

- **OVERSIZED FULLY REGULATED
MOSFET POWER SUPPLY .**

Metal Oxide Semiconductor Field Effect Transistors have high switching speed and generate no heat; they are very efficient. Combined with Pulse Width Modulation (PWM); they help stabilize the output of an amplifier under varying battery condition.

- **FORCED AIR COOLING SYSTEM...
FUSED OUTPUTS... & FULLY
PROTECTED CIRCUITRY**

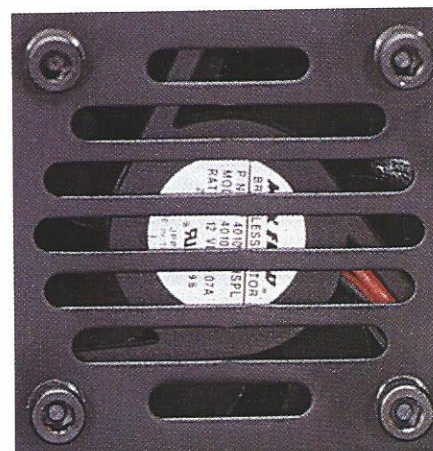
make the "BX" amplifiers most reliable and safe to operate. Additionally, the aluminum heat sink is designed for Maximum Heat Exchange. Thus greatly extending the life of the amplifier.

- **HIGHEST GRADE PCB - 2 OZ
COPPER...HAND SELECTED
AND MATCHED COMPONENTS**

make the Earthquake amplifiers perform superbly under any condition. After all, "a chain is as weak as its' weakest link".

- **2-WAY VARIABLE CROSSOVER
FROM 20HZ TO 5KHZ.**

With an 18dB / Octave slope; this electronic crossover makes the BX amplifiers well suited for Low pass, Full range and High pass applications. All can be achieved with a flick of a switch.





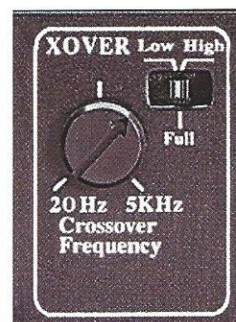
BASS BOOST & CUT FOR IMPROVED CONE CONTROL...

The "BX" amplifiers are equipped with a positive 6 dB boost at 45Hz to reinforce the response of subwoofers. An 18dB cut at 30Hz makes the amplifier very efficient by eliminating the need to reproduce very low notes that are not audible.

• 3-WAY SWITCH (Low / Full / High)

Feeds the amplifier a Low pass, Full range or High pass audio signal.

• STEREO RCA OUTPUTS



"UHC" = ULTRA HIGH CURRENT AMPS...WINNERS BY ANY OTHER NAME.

This version of the "BX" amplifiers is designed to perform with lower impedance loads. The "UHC" amplifiers are widely used in sound competitions; in 1996, the USAC and IASCA events became the playground for the Earthquake UHC amplifiers. Record number of Sound Off winners relied on the UHC's stability and superior performance to come out ahead of the competition.

3400X

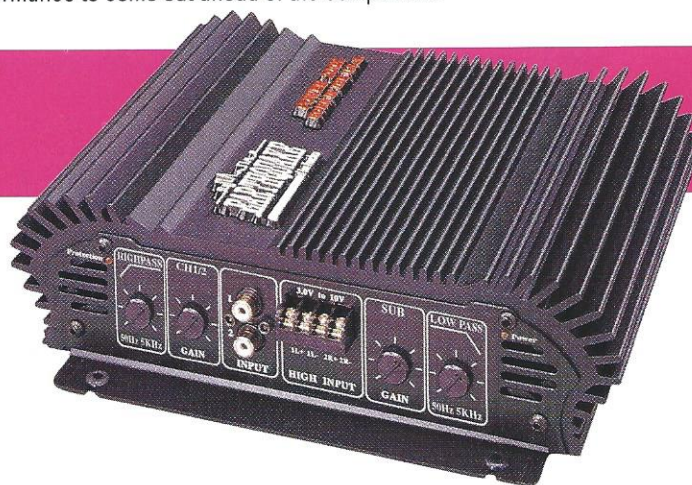
3 CHANNEL POWER AMPLIFIER with 2 built-in electronic crossover's.

COMMON UPGRADES

to a factory installed audio system involve boosting the Bass in the car and enhancing the Front stereo images. This process requires 4 independent channels of amplification, 2 crossover's and a High/Low signal adapter; quite a complex job... WELL, NOT NECESSARILY; Earthquake 3400X power amplifier reduces this task to a single, easy to install package. The 3400X features:

- **TWO INDEPENDENT ELECTRONIC CROSSOVER'S...**
- **HIGH-PASS** variable filter from 50Hz to 5KHz, with a 12dB/oct. slope; it is designed to feed a High-Pass signal into channels 1 and 2.
- **LOW-PASS** variable filter from 50Hz to 5KHz, with a 12dB/oct. slope; it feeds a Low-Pass signal into channel 3 - Subwoofer channel.
- **TWO STEREO CHANNELS...**

Always in High-Pass mode, channels 1 and 2 can drive a variety of matched speaker component sets to reinforce stereo images. The crossing point of the High-Pass filter could be set anywhere between 50Hz to 5KHz to match the frequency response of speakers used.



• ONE MONO SUBWOOFER CHANNEL...

Driven in Low-Pass mode; channel 3 is designed to power up a subwoofer or a subwoofer box.

• HIGH AND LOW LEVEL INPUTS WITH A RANGE OF 200MV TO 12 VOLTS...

Eliminate the need to use a High/Low adapter; it make the amplifier compatible with virtually any factory audio system.

RATED OUTPUT:

2 x 60 Watts RMS into 4 Ohm load (CH1/2)

1 x 120 Watts RMS into 8 Ohm load (CH3)

2 x 86 Watts RMS into 2 Ohm Load (CH1/2)

1 x 180 Watts RMS into 4 Ohm load (CH3)

40UHC-G...THE GOLD STANDARD IN HIGH POWER AMPLIFIERS...

"BEAST" IN ANY OTHER NAME; THE 40UHC-G DEVASTATING RAW POWER EXEMPLIFIES THE PHILOSOPHY THAT "TOO MUCH POWER IS BARELY ENOUGH". THE ABILITY TO DRIVE MULTIPLE SPEAKERS IN MONO MODE FROM A SINGLE AMPLIFIER IS REALIZED BY USING THE 40UHC-G. POWER, STABILITY AND DURABILITY HAVE EARNED THE UHC-G TOP MARKS IN THE CAR AUDIO COMPETITION ARENA.

DUAL PARALLEL MONO OUTPUTS...

By channeling the high output of the amplifier into two terminals (SPKR1 / SPKR2); our engineers eliminated the chance of creating

"HOT JUNCTIONS"

and minimized the

"CURRENT LIMITATION"

inherent in a single terminal.

BUILT IN TWO WAY VARIABLE CROSSOVER...

The 40UHC-G is equipped with a 2-Way variable crossover from 20Hz to 5KHz. This eliminates the need to use an external crossover. Users can toggle between the High pass / Low pass, or run the amplifier in full range mode by a simple "flick of a switch".

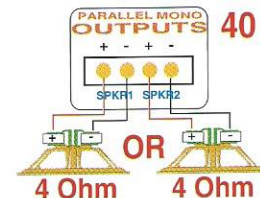
CROSSED STEREO RCA OUTPUT...

A High pass, Low pass or Full range signal can be channeled to an external amplifier through the RCA output. Again, eliminating the need to use additional crossover's.

RCA & SPEAKER LEVEL INPUTS...

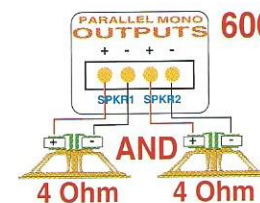
With a wide input range of 200 mV to 10 Volts; the 40UHC-G can accept audio signals from a large variety of sources. This feature is very useful in competition systems where a signal is extensively equalized and boosted to levels above 7 or 8 volts.

The Input Gain Adjustment and Phase Switch come in handy when fine tuning the overall system.



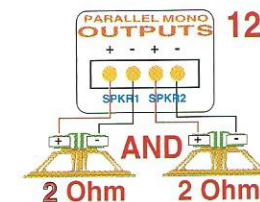
40 Watts RMS.

Using (1) one 4 OHM speaker on either channel. Use **ONE** auxillary battery.



600 Watts RMS.

Using (2) two 4 OHM speakers. One on each channel. Use **TWO** auxillary batteries.



1200 Watts RMS.

Using (2) two 2 OHM speakers. One on each channel. Use **THREE** auxillary batteries.

FORCED AIR COOLING SYSTEM.

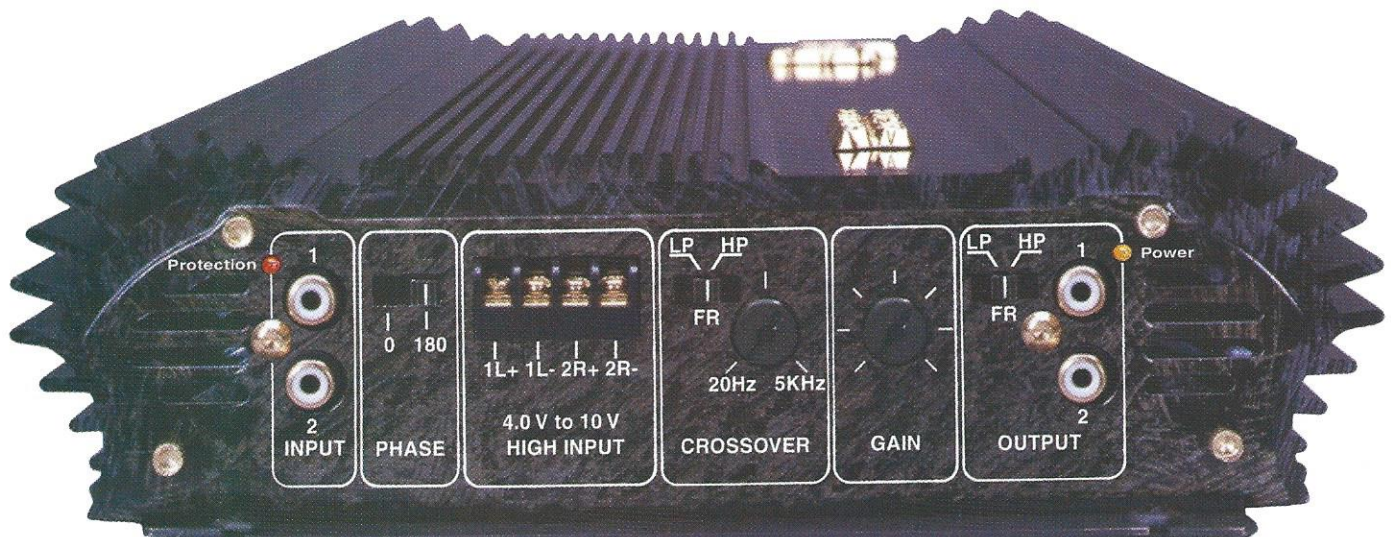
FULLY PROTECTED CIRCUITRY.

FUSED AUDIO OUTPUTS.

GOLD PLATED TERMINALS.

CUSTOMIZED MARBLE FINISH.

GOLD ACCENTS & TRIM.



SP-3X

ELECTRONIC CROSSOVER'S AND EQUALIZERS ARE VERY BENEFICIAL IN COMPLEX CAR AUDIO SYSTEMS. AN ELECTRONIC CROSSOVER GIVES YOUR AUDIO SYSTEM THE COMPETITIVE EDGE. IT PROVIDES YOU WITH INDEPENDENT LEVEL CONTROL FOR THE DIFFERENT SPEAKERS IN YOUR SYSTEM (SUBS, WOOFERS, MIDS AND TWEETERS). IT HELPS YOU CONTROL IMAGING AND SOUND STAGING INSIDE YOUR CAR; AND LETS YOU DRIVE YOUR SPEAKERS WITHIN THEIR OPERATING RANGE FOR STUNNING MUSICAL CLARITY AND DEFINITION AT ALL VOLUME LEVELS. EQUALIZERS ARE DESIGNED TO SHAPE THE OVERALL RESPONSE OF YOUR AUDIO SYSTEM BY BOOSTING OR CUTTING THE DIFFERENT BANDWIDTHS EXISTING IN THE AUDIO FREQUENCY RANGE.

The SP-3X half-din chassis houses a variety of functions essential to build High End audio systems. Premium (ALPS) control knobs and compact size make the SP-3X a fine complement to any dashboard.

TWO MODES OF OPERATIONS...

The SP-3X is designed to operate in two modes:

- Low-Pass / Bandpass / High-Pass.
- Low-Pass / High-Pass / High-Pass.

User can toggle among the two modes by a simple push of a button.

THREE SETS OF OUTPUTS...

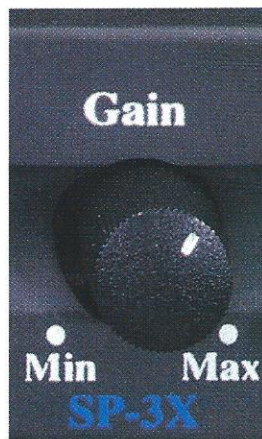
Low, Rear and Front RCA outputs

FULFILL ALL THE REQUIREMENTS OF A COMPLETE HIGH-END AUDIO SYSTEM.

Bass, Rear Fill and Front Stereo Imaging can be driven from the SP-3X.



WIDE RANGE OF CROSSING POINTS WITH 18DB/OCT SLOPES ...

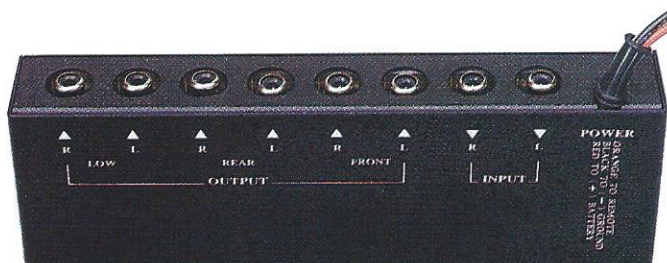


The crossing points of the SP-3X can be overlapped or gapped as needed:

- Low-Pass ranges from 30Hz to 1.5kHz.
- Rear ranges from 30Hz to 4KHz.
- Front ranges from 100Hz to 4KHz.

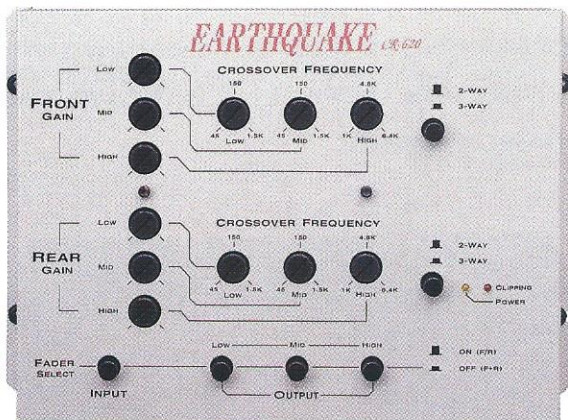
INDEPENDENT OUTPUT GAIN CONTROLS...

Each section of the crossover has its own 18dB boost that controls the output. User can employ the boosts to fade among the 3 sections of the crossover.



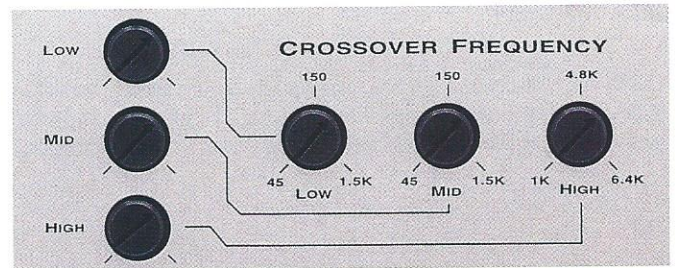
CR-620...

TRUNK MOUNT SIX WAY ELECTRONIC CROSSOVER. THE COMPLEX APPEARANCE OF THE CR-620 UNDERMINES ITS FLEXIBLE AND FRIENDLY DESIGN. AT FIRST GLANCE, IT APPEARS TO FUNCTION AS TWO INDEPENDENT 3-WAY CROSSOVER'S. ALTHOUGH, IT WILL FUNCTION IN THIS MANNER WHEN FADERS ARE ACTIVE; BYPASSING THE FADERS ALLOWS THE CR-620 TO PERFORM PARAMETRIC EQUALIZATION.



INDEPENDENT OUTPUT GAIN CONTROLS...

Each part of the crossover's has its own 18dB boost that controls its output.

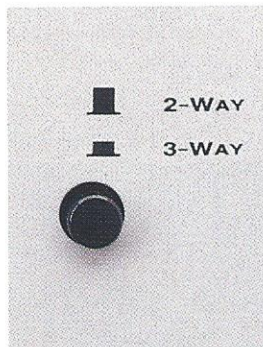


TWO MODES OF OPERATION...

The Front and Rear crossover's are identical in design. Each crossover can operate in two modes:

- Low-Pass / Bandpass / High-Pass.
- Low-Pass / High-Pass / High-Pass.

User can toggle between the two modes by a simple push of a button.



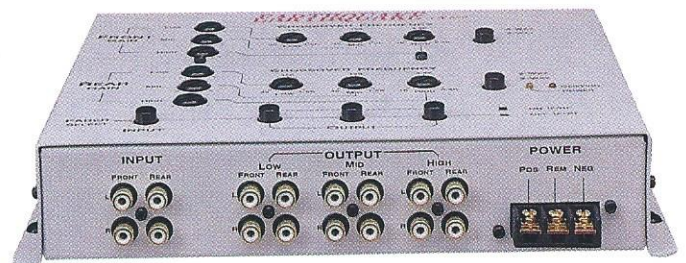
INDIVIDUALLY CONFIGURATIONAL FADER BYPASS ACTION...

The CR-620 features independent Front and Rear crossover controls with fading capability. User can activate or remove the fader action on any level: INPUT, LOW OUTPUT, MID OUTPUT and HIGH OUTPUT.

WIDE RANGE OF CROSSING POINTS WITH 18dB/OCT SLOPES ...

The crossing points of the CR-620 can be overlapped or gapped as needed; each of the crossover's has:

- Low ranges from 45Hz to 1.5kHz.
- Mid ranges from 45Hz to 1.5kHz.
- Front ranges from 100Hz to 6.4kHz.



EQ-4000PX...

FOUR BAND EQUALIZER WITH SUBWOOFER OUTPUT.

THE EQ-4000PX IS A FOUR BAND EQUALIZER COMPACTED IN A HALF-DIN CHASSIS FOR IN-DASH OR UNDER-DASH MOUNTING. THIS EQUALIZER IS DESIGNED TO DRIVE UP TO THREE AMPLIFIERS ; THUS FULFILLING THE NEED FOR FULL RANGE FRONT STEREO IMAGING, FULL RANGE REAR STEREO FILL AND UNFADED SUB-BASS APPLICATION.

EQUALIZATION;
the EQ-4000PX employs

FOUR BANDS OF EQUALIZATION :

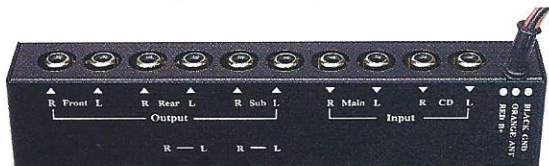
Bass, Mid Bass, Mid and High. The gain levels vary between bands, Bass and High are equipped with a ± 20 dB (boost/cut), that is where the ear is least efficient; Mid Bass is equipped with a ± 16 dB (boost/cut) and the MID with a ± 14 dB (boost/cut). The wide "Q" of the bands make the EQ-4000PX a very easy equalizer to use.

FULLY RETRACTABLE CONTROLS;

all units controls are located on the face plate. The control knobs are aesthetically designed to be fully retractable.

TUCKED-IN RCA JACKS;

all RCA input and output jacks are mounted flushed with the back plate to minimize depth required for installation as well as reducing the chance of shorting the RCA to exposed wires in the dash board.



DUAL INPUTS CAPABILITY;

the EQ-4000PX is equipped with 2 sets of stereo inputs designed to accommodate

FOR TWO SEPARATE AUDIO SOURCES AT THE SAME TIME.

Simply by flipping the CD/MAIN switch on the face plate; User can feed an audio signal from the factory AM/FM cassette and an added aftermarket CD drive.

BOTH THE CD & MAIN INPUTS HAVE SEPARATE SENSITIVITY ADJUSTMENTS.

Set by the factory for the average users; Earthquake provides professional installers with more advanced settings.



VARIABLE LOW PASS FILTER;

also known as subwoofer crossover... this built in variable crossover has a range of 35Hz to 100Hz; its 18dB/oct. slope gives it a clean and sharp response. This crossover output is controlled by a variable 20dB boost giving users ample bass response.



MAIN VOLUME CONTROL;

designed to provide users with a handy system volume control. Listeners no longer have to resort to using the annoying digital control screens present in head units. Simple analogue knob that could very well save you from an accident....

FADER ACTION;

easily accessible fader knob controls the full-range outputs of the EQ-4000PX. Subwoofer output remains unaffected by any fader action.



EQ-5000PX...

ADVANCED EQUALIZATION AT YOUR FINGER TIP.

THIS COMPACT UNIT OFFERS FIVE BANDS OF EQUALIZATION COUPLED WITH AN INDEPENDENT 18 DECIBELS BOOST/CUT FOR EACH BAND. ITS HALF-DIN CHASSIS HOUSES TWO LOW-PASS FILTERS SET AT 80HZ AND 120HZ; THE LOW-PASS OUTPUT IS CONTROLLED BY AN 18 DB BOOST/CUT AND IS NOT EFFECTED BY THE FADER ACTION. THE EQ-5000PX SNUGLY FITS INSIDE OR UNDER THE DASHBOARD AND IT'S FLAT BLACK FINISH COMPLEMENTS MOST CAR INTERIORS.

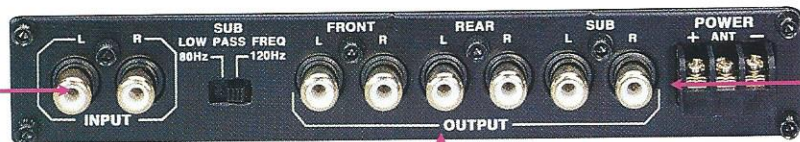
User friendly Fader and Input Gain (Volume) knobs eliminate the need to use cumbersome menu driven controls typical of today's head units.

A frequency selector (Sliding knob) from 30Hz to 75Hz determines the frequency point of the boost or cut.

The Sub Gain control allow users to boost or cut the subwoofer output by as much as 18 decibels.



One RCA cable is all what's required to run the EQ-5000PX to its full potential. Fader action in the head unit is no longer needed, the EQ-5000PX has its own fader circuitry.



Both Front and Rear RCA outputs are in High-Pass mode at 100Hz. Passive crossovers can be used to create High-Pass imaging in the front, and Bandpass in the rear.

The Low-Pass Subwoofer output is not effected by the Fader action . Users can choose between two filters set at 80Hz and 120Hz, by a flick of a switch.

"... Distortion @ 1.0 volt rms in & out (%)..... 0.0005%
Best signal to noise ratio (dB)..... 108".

Joel Cohen.
Car Audio And Electronics.
August 1994.

NG-2000

NOISE GATE SILENCES THE COMPETITION...DIGITAL TECHNOLOGY HAS ELIMINATED MUCH OF THE NOISE INHERENT IN ANALOG CIRCUITRY SUCH AS CASSETTES; CDs BECAME THE MEDIA OF CHOICE... YET, BY THE TIME WHAT IS ON YOUR SHINY CD MAKES IT TO YOUR EARS, EVEN A PREMIUM SOUND SYSTEM WILL ADD A PERCEPTIBLE LEVEL OF NOISE.

OPTICAL TECHNOLOGY PUT TO WORK-THE EARTHQUAKE NG-2000

active noise gate that effectively reduces noise inherent in audio systems. Our Engineers employ advanced

LDR (LIGHT-DEPENDENT RESISTOR) OPTICAL TECHNOLOGY TO RID THE AUDIO SIGNAL OF NOISE WITHOUT DEGRADING IT.

Signal separation is protected and musical integrity is never compromised.

FOUR CHANNELS...

The NG-2000's four inputs, with corresponding outputs, allow a single unit to control multi-channel system with fader action.

THE CONTROLS...

The NG-2000 intelligently

REVEALS NOISE IN YOUR SYSTEM BY ACTIVATING THE GREEN LED LIGHT WHEN NOISE IS DETECTED.

Two types of adjustments are used:

•THRESHOLD...

It determines the sensitivity required to open the noise gate, thus allowing the signal to pass through to the amplifiers. If the Threshold is set too low, the audio signal will be choked and parts of the music will be lost. In contrast, if the Threshold is set too high; noise will still pass to the amplifiers.

•EXPANSION RATIO...

this determines the

SENSITIVITY REQUIRED TO KEEP THE NOISE GATE OPEN.

Higher setting ensures the reproduction of music with maximum details; while a lower setting reduces the Lag Time before allowing the gate to close.



YOU NEED TO EXPERIMENT WITH THE RELATIONSHIP BETWEEN THRESHOLD AND EXPANSION RATIO TO DETERMINE YOUR PERSONAL LISTENING PREFERENCES.

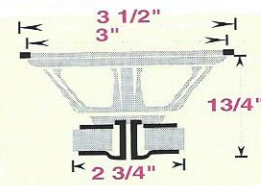


DX COAXIAL SPEAKERS...A LEAP INTO HIGH FIDELITY.

MOST FACTORY-INSTALLED SPEAKERS ARE BUILT FROM POOR QUALITY MATERIAL: CHEAP PAPER CONES, LOW POWER VOICE COILS AND WEAK MAGNETS THAT RENDER THEM OBSOLETE FOR HI-FI APPLICATIONS. REPLACING YOUR FACTORY-INSTALLED SPEAKERS WITH THE EARTHQUAKE DX COAXIAL SPEAKERS MAKE A NIGHT-AND-DAY DIFFERENCE IN YOUR CAR STEREO SYSTEM. FOR A STARTER, THE WOOFER CONES ARE MADE WITH RUGGED FIBER IMPREGNATED POLYMICA MATERIAL AND BUTYL RUBBER SURROUND; DESIGNED TO WITHSTAND CLIMATE EXTREMES. FLAT WIRE VOICE COILS AND HIGH DENSITY MAGNETS ALLOW FOR HIGH POWER HANDLING AND ACCURATE MUSIC REPRODUCTION. EQUIPPED WITH HIGH DEFINITION DOME TWEETERS; THE DX SPEAKERS WILL CLEARLY MAKE A DIFFERENCE IN YOUR CAR STEREO SYSTEM'S HIGH FREQUENCY RESPONSE.

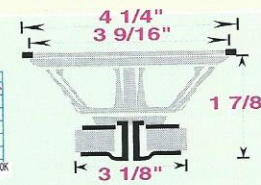
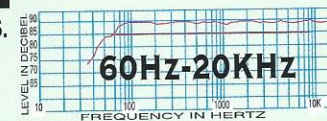
DX3 50 Watts Max

Recommended power range: 2-25 watts RMS.
3" woofer (patented fiber impregnated polymica cone)
Sensitivity 1W/1M: 87dB.
Impedance : 4 Ohms.



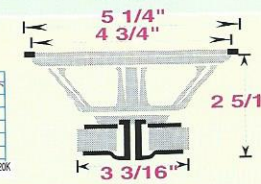
DX4 60 Watts Max

Recommended power range: 2-35 watts RMS.
4" woofer (patented fiber impregnated polymica cone)
1" dome tweeter
Sensitivity 1W/1M: 88dB.
Impedance : 4 Ohms.



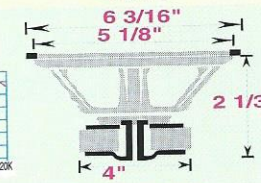
DX5 80 Watts Max

Recommended power range: 2-45 watts RMS.
5" woofer (patented fiber impregnated polymica cone)
1" dome tweeter
Sensitivity 1W/1M: 90dB.
Impedance : 4 Ohms.



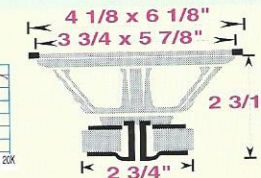
DX6 80 Watts Max

Recommended power range: 2-45 watts RMS.
6" woofer (patented fiber impregnated polymica cone)
1" dome tweeter
Sensitivity 1W/1M: 90dB.
Impedance : 4 Ohms.



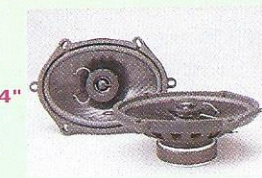
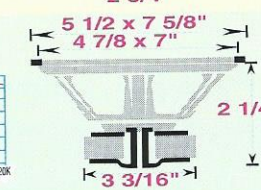
DX46 60 Watts Max

Recommended power range: 2-35 watts RMS.
4"x6" woofer (patented fiber impregnated polymica cone)
1" dome tweeter
Sensitivity 1W/1M: 89dB.
Impedance : 4 Ohms.



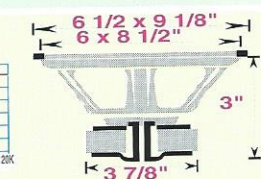
DX57 100 Watts Max

Recommended power range: 4-60 watts RMS.
5"x7" woofer (patented fiber impregnated polymica cone)
1" dome tweeter
Sensitivity 1W/1M: 91dB.
Impedance : 4 Ohms.



DX69 150 Watts Max

Recommended power range: 4-95 watts RMS.
6"x9" woofer (patented fiber impregnated polymica cone)
2" Titanium dome midrange
1" dome tweeter — Polyswitch for protection
Sensitivity 1W/1M: 90dB.
Impedance : 4 Ohms.



CS MATCHED COMPONENTS SET...THE CURE FOR THE HI-FI BLUES.

HI-FIDELITY FANATICS WHO WILL SETTLE FOR NOTHING LESS THAN PERFECT MUSIC REPRODUCTION; SHOULD LOOK NO FURTHER THAN EARTHQUAKE'S CS MATCHED COMPONENT SETS. THE OPTIMALLY BALANCED COMBINATION OF MIDRANGES, TWEETERS AND CROSSOVER'S FULFILL THE FRONT STAGING AND IMAGING GAPS FREQUENTLY FOUND IN FACTORY INSTALLED STEREO SYSTEMS.

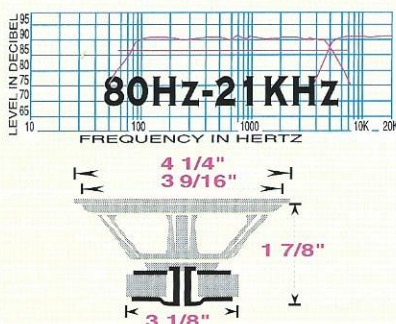


CS4 120 Watts Max

Impedance: 4 Ohms.

List of Components :

- Two 4" Midranges; Patented Fiber Impregnated cones with Butyl rubber surround.
- Two 1" Neodymium dome Tweeters.
- Two Crossover Networks: 18dB/Oct. High-Pass @ 5KHz. 12dB/Oct Low-Pass @ 5KHz.
- Three sets of tweeter mounts: Angled, Flushed and Surface.
- Polyswitch for tweeter protection

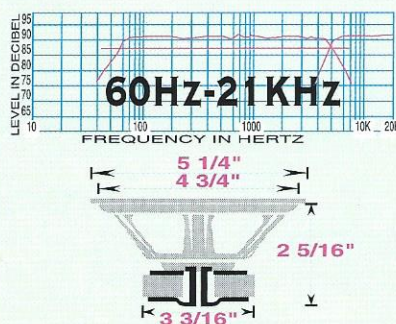


CS5 160 Watts Max

Impedance: 4 Ohms.

List of Components :

- Two 5 1/4" Midranges; Patented Fiber Impregnated cones with Butyl rubber surround.
- Two 1" Neodymium dome Tweeters.
- Two Crossover Networks: 18dB/Oct. High-Pass @ 5KHz. 12dB/Oct Low-Pass @ 5KHz.
- Three sets of tweeter mounts: Angled, Flushed and Surface.
- Polyswitch for tweeter protection

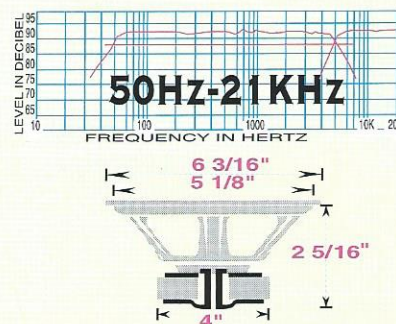


CS6 200 Watts Max

Impedance: 4 Ohms.

List of Components :

- Two 6" Midranges; Patented Fiber Impregnated cones with Butyl rubber surround.
- Two 1" Neodymium dome Tweeters.
- Two Crossover Networks: 18dB/Oct. High-Pass @ 5KHz. 12dB/Oct Low-Pass @ 5KHz.
- Three sets of tweeter mounts: Angled, Flushed and Surface.
- Polyswitch for tweeter protection

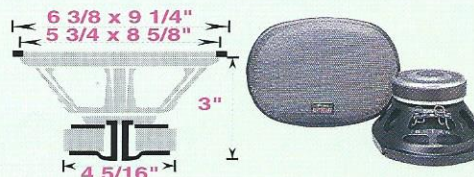


EQ-693 200 Watts Max.

If you wonder how a speaker built so tough can sound so sweet; here's the answer:

- Polyswitch for tweeter protection
- Super-efficient 6"x9" woofer to extend Bass response (28Hz).
- 1.5" Flat Wire, High Temperature voice coil that handles up to 200 Watts.
- 18dB/Octave crossovers for Midrange and tweeter for crisp and clear Mids & Highs.
- Bi-amplification capable... The EQ-693 allows you to drive the Woofer and MID/TWEET assembly with separate amplifiers for precise control, cleaner sound, improved imaging and increased output.

By far the easiest and most efficient way to improve the sound of your factory stereo system.

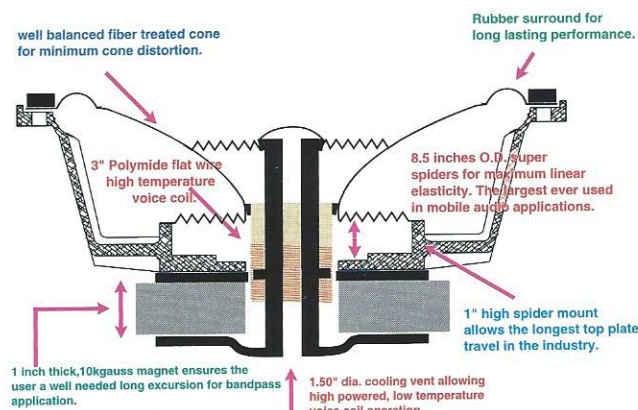


LINEAR SERIES ...HIGH SPL, HIGH DEFINITION SUBWOOFERS

AUDIOPHILES AND COMPETITION FANATICS AGREE THAT THE LS HEAVYWEIGHTS SUBWOOFERS ARE DESIGNED TO MOVE LOTS OF AIR (HIGH SPL) WITHOUT DISTORTION (HIGH DEFINITION).



Earthquake Sound engineers analyzed the weaknesses of common drivers in order to create the Linear Series subwoofers. They proceeded to use 2 oversized spiders (8.5" diameter - largest ever used) and placed them 2.35 inches apart to maintain maximum linear guidance for speaker movement. The inner spider carries a 3" voice coil and is attached to the Earthquake custom cast basket using the most advanced heat treated epoxy adhesive. The outer spider adheres to the cone, thus eliminating Cone Shape Deformation (CSD) in extreme excursions - problem commonly seen in low end woofers. The assembly process is manually performed; the heat treated epoxy is applied in different stages to eliminate mishaps; voice coils are tested to ensure minimal RE deviation and cones are weighted for consistency. The meticulously detailed construction of LS drivers make them perform in wide range of enclosures; good in small vented boxes, yet remarkable in larger ones. They work well in sealed boxes and in Open Air applications.

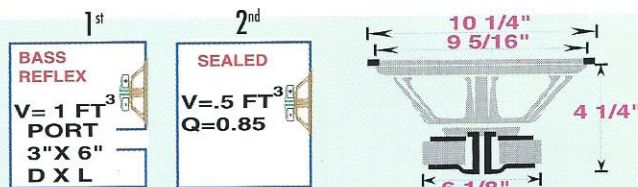
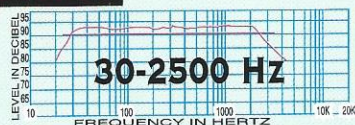


LS10

Fs = 33 Hz
Qts = 0.35
Vas = 2.7 cubic ft
Sen = 96 dB
2.5" POLYIMIDE COIL
80 OZ MAGNET
SANTOPRENE RUBBER SURROUND
GOLD BINDING POSTS

250WRMS

Preference Order

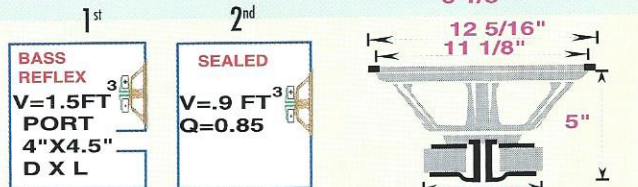
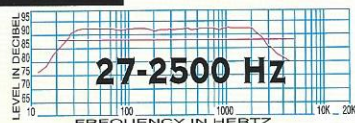


LS12

Fs = 34 Hz
Qts = 0.289
Vas = 4.2 cubic ft
Sen = 94 dB
3" POLYIMIDE COIL
95 OZ MAGNET
SANTOPRENE RUBBER SURROUND
GOLD BINDING POSTS

300WRMS

Preference Order

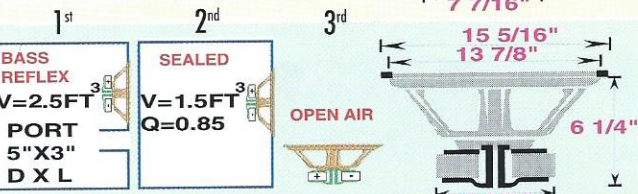


LS15

Fs = 31 Hz
Qts = 0.426
Vas = 8.1 cubic ft
Sen = 95 dB
3" POLYIMIDE COIL
95 OZ MAGNET
SANTOPRENE RUBBER SURROUND
GOLD BINDING POSTS

300WRMS

Preference Order

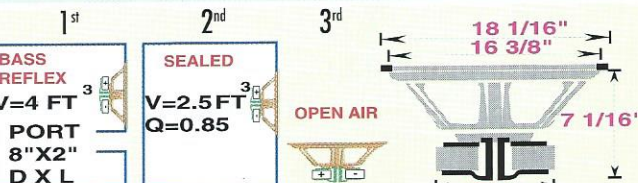
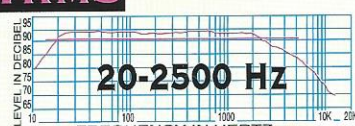


LS18

Fs = 29 Hz
Qts = 0.315
Vas = 18.5 cubic ft
Sen = 98 dB
3" POLYIMIDE COIL
120 OZ MAGNET
SANTOPRENE RUBBER SURROUND
GOLD BINDING POSTS

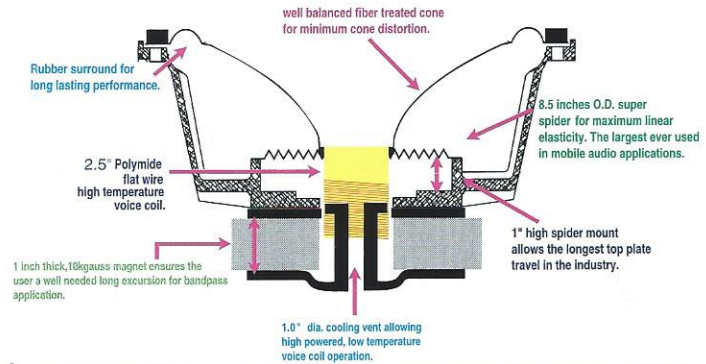
300WRMS

Preference Order



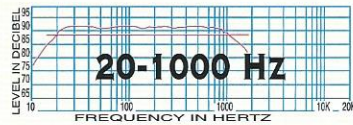
HIGH PERFORMANCE SERIES

Bass is addictive... Professionals and Novices relentlessly demand more Bass out of their speakers; it is no surprise that mobile audio applications are most brutal when it comes to subwoofers. To countermeasure this situation, Earthquake devised the High Performance subwoofer line; the HP drivers are designed to perform best in small sealed enclosures and in Open Air applications. They also perform fairly well in larger ported ones.

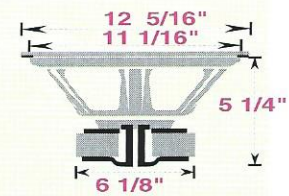
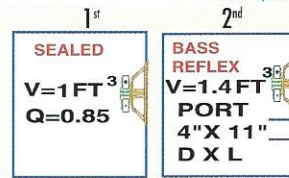


HP12

300WRMS
 $F_s = 26$ Hz
 $Q_{ts} = 0.259$
 $V_{as} = 5.9$ cubic ft
 $S_{en} = 92.4$ dB
 2.5" POLYIMIDE COIL
 80 OZ MAGNET
 SANTOPRENE RUBBER SURROUND
 GOLD BINDING POSTS

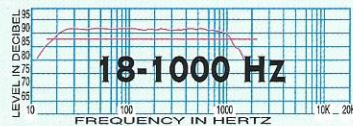


Preference Order

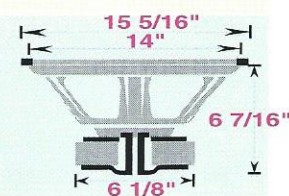
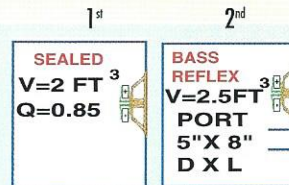


HP15

300WRMS
 $F_s = 19$ Hz
 $Q_{ts} = 0.318$
 $V_{as} = 18.1$ cubic ft
 $S_{en} = 92.2$ dB
 2.5" POLYIMIDE COIL
 80 OZ MAGNET
 SANTOPRENE RUBBER SURROUND
 GOLD BINDING POSTS

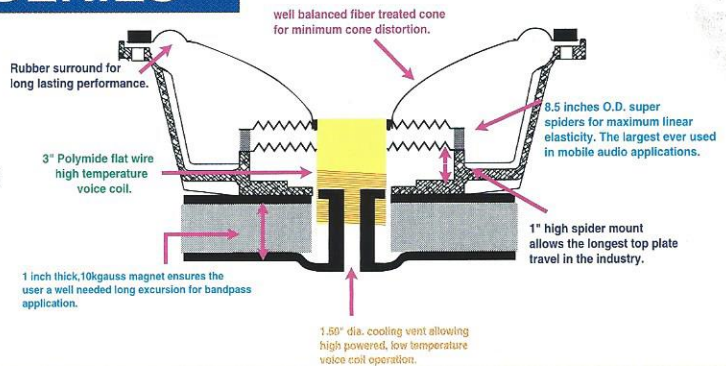


Preference Order



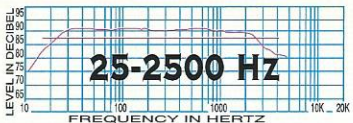
CAST PROFESSIONAL SERIES

The CP double spider subwoofers are the finest drivers money can buy. They come equipped with two hefty spiders (8.5 inches OD), these spiders allow for maximum linear elasticity without deformation. All housed in a custom designed basket used exclusively by Earthquake. The Cast Pro subwoofers are engineered to provide the optimum combination of efficiency and deep bass response; they work beautifully in reasonably small vented enclosures, and perform remarkably in larger ones. They also work well in sealed enclosures.

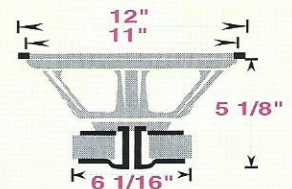
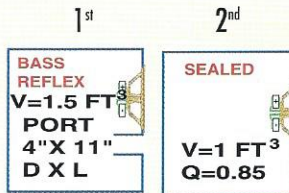


CP12

360WRMS
 $F_s = 32.4$ Hz
 $Q_{ts} = 0.356$
 $V_{as} = 3.5$ cubic ft
 $S_{en} = 91.5$ dB
 3" POLYIMIDE COIL
 95 OZ MAGNET
 SANTOPRENE RUBBER SURROUND
 GOLD BINDING POSTS



Preference Order

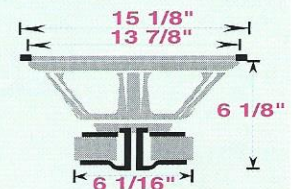
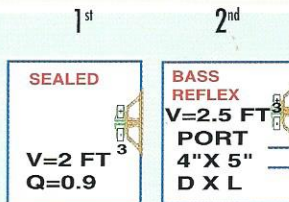


CP15

400WRMS
 $F_s = 31$ Hz
 $Q_{ts} = 0.423$
 $V_{as} = 8.3$ cubic ft
 $S_{en} = 93.9$ dB
 3" POLYIMIDE COIL
 120 OZ MAGNET
 SANTOPRENE RUBBER SURROUND
 GOLD BINDING POSTS



Preference Order



"SUBS FOR ALL OCCASIONS"...

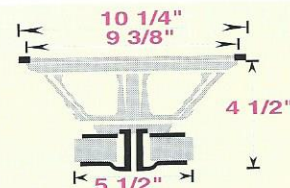
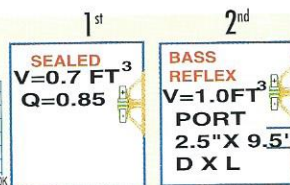
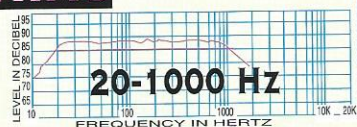
EARTHQUAKE MANUFACTURES SUBWOOFERS FOR EVERY APPLICATION, AND PROVIDES DETAILED SPECIFICATIONS AND INSTALLATION INSTRUCTIONS WITH EVERY SUBWOOFER, ALLOWING THE INSTALLER TO OPTIMIZE AUDIO SYSTEM PERFORMANCE.



SSB10

200WRMS
 Fs = 24 Hz
 Qts = 0.39
 Vas = 2.8 cubic ft
 Sen = 87 dB
 2" POLYIMIDE COIL
 50 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

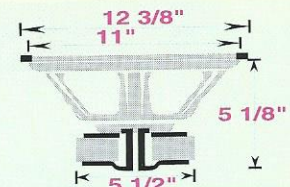
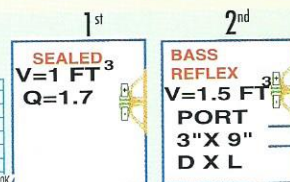
DUAL VOICE
 COILS 2X4 OHM



SSB12

200WRMS
 Fs = 17 Hz
 Qts = 0.474
 Vas = 13.3 cubic ft
 Sen = 87.5 dB
 2" POLYIMIDE COIL
 50 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

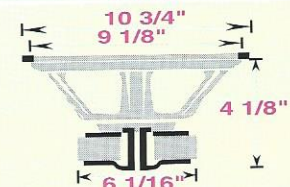
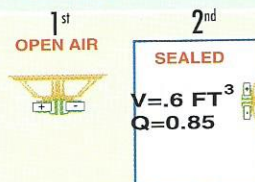
DUAL VOICE
 COILS 2X4 OHM



OA10

180WRMS
 Fs = 29 Hz
 Qts = 0.338
 Vas = 2.7 cubic ft
 Sen = 89 dB
 2" POLYIMIDE COIL
 48 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

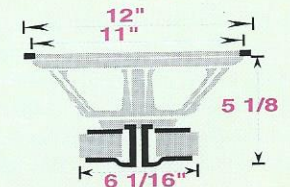
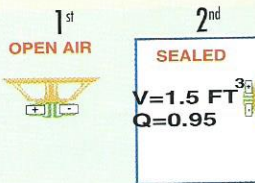
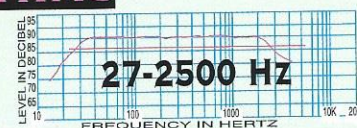
180WRMS



OA 12

180WRMS
 Fs = 28 Hz
 Qts = 0.487
 Vas = 5.7 cubic ft
 Sen = 90 dB
 2" POLYIMIDE COIL
 48 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

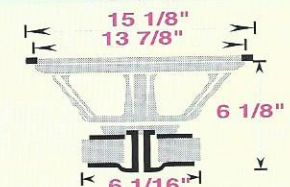
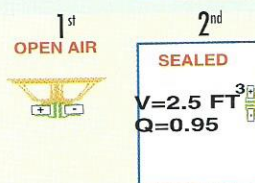
180WRMS



OA 15

180WRMS
 Fs = 22 Hz
 Qts = 0.528
 Vas = 11.9 cubic ft
 Sen = 90 dB
 2" POLYIMIDE COIL
 48 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

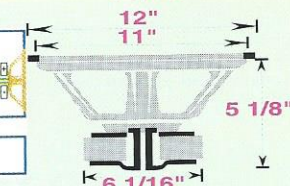
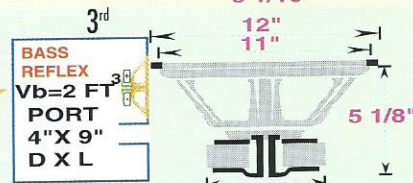
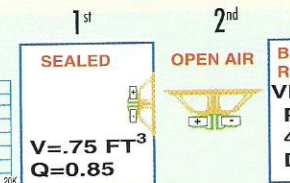
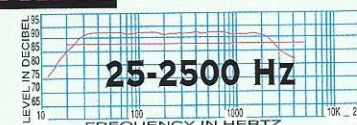
180WRMS



DV 12

180WRMS
 Fs = 30 Hz
 Qts = 0.29
 Vas = 5.8 cubic ft
 Sen = 93 dB
 2" POLYIMIDE COIL
 48 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

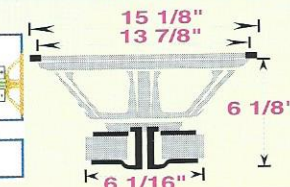
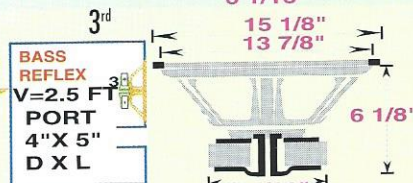
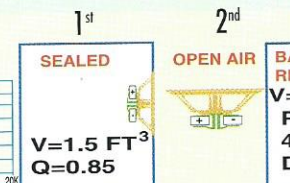
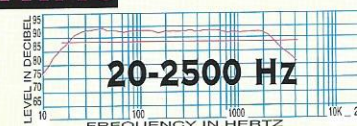
DUAL VOICE
 COILS 2X4 OHM



DV 15

300WRMS
 Fs = 24 Hz
 Qts = 0.286
 Vas = 10.3 cubic ft
 Sen = 93 dB
 2.5" POLYIMIDE COIL
 65 OZ MAGNET
 SANTOPRENE RUBBER SURROUND

DUAL VOICE
 COILS 2X4 OHM



BASS REFLEX SERIES



BR6

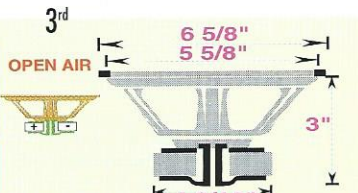
Fs = 47 Hz
Qts = 0.322
Vas = 1.1 cubic ft
Sen = 91 dB
1.5" POLYIMIDE COIL
30 OZ MAGNET
SANTOPRENE RUBBER SURROUND

100WRMS



1st
BASS REFLEX
V=0.5 FT³
PORT
2.5" X 9"
D X L

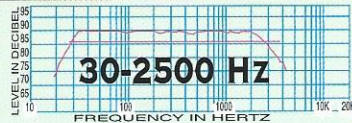
2nd
SEALED
V=0.35 FT³
Q=0.85



BR8

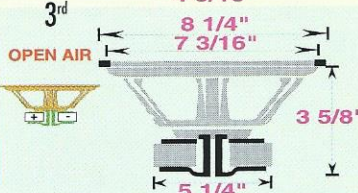
Fs = 39 Hz
Qts = 0.38
Vas = 1.2 cubic ft
Sen = 89 dB
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND

180WRMS



1st
BASS REFLEX
V=0.5 FT³
PORT
2.5" X 8"
D X L

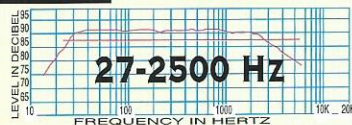
2nd
SEALED
V=0.4 FT³
Q=0.85



BR10

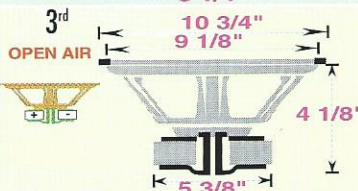
Fs = 31 Hz
Qts = 0.29
Vas = 3 cubic ft
Sen = 91 dB
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND

200WRMS



1st
BASS REFLEX
V=.75 FT³
PORT
3" X 9.5"
D X L

2nd
SEALED
V=.5 FT³
Q=0.85



BR1070

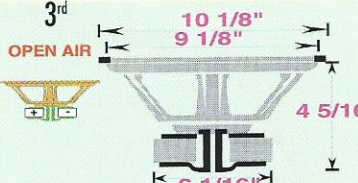
Fs = 44 Hz
Qts = 0.31
Vas = 1.7 cubic ft
Sen = 93 dB
2.5" POLYIMIDE COIL
70 OZ MAGNET
SANTOPRENE RUBBER SURROUND

300WRMS



1st
BASS REFLEX
V=1.0 FT³
PORT
3" X 6"
D X L

2nd
SEALED
V=.5 FT³
Q=0.85



BR12

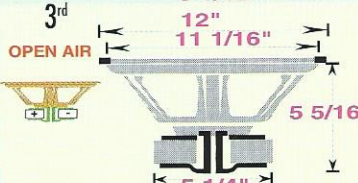
Fs = 29 Hz
Qts = 0.354
Vas = 5.1 cubic ft
Sen = 92 dB
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND

200WRMS



1st
BASS REFLEX
V=1.7 FT³
PORT
4" X 6.5"
D X L

2nd
SEALED
V=1.2 FT³
Q=0.85



BR1270

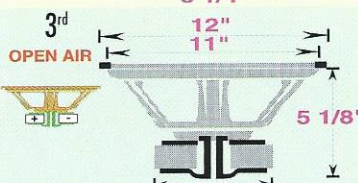
Fs = 37 Hz
Qts = 0.420
Vas = 3.8 cubic ft
Sen = 93 dB
2.5" POLYIMIDE COIL
70 OZ MAGNET
SANTOPRENE RUBBER SURROUND

300WRMS



1st
BASS REFLEX
V=1.7 FT³
PORT
4" X 5"
D X L

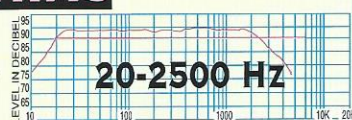
2nd
SEALED
V=1.5 FT³
Q=0.85



BR1570

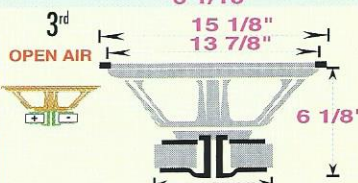
Fs = 26 Hz
Qts = 0.378
Vas = 13.5 cubic ft
Sen = 94 dB
2.5" POLYIMIDE COIL
70 OZ MAGNET
SANTOPRENE RUBBER SURROUND

300WRMS



1st
BASS REFLEX
V=2.5 FT³
PORT
4" X 7"
D X L

2nd
SEALED
V=1.8 FT³
Q=0.85

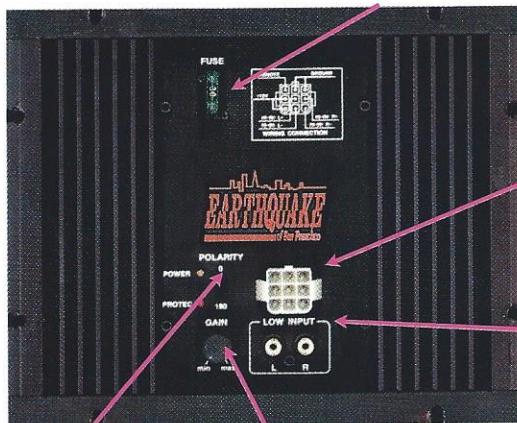


AMPLIFIED SUBWOOFER ENCLOSURES



260 Watts RMS

MOSFET POWER SUPPLY WITH FULLY PROTECTED CIRCUITRY.
BUILT-IN 12dB/OCT LOW-PASS FILTER SET @ 100Hz FOR SHARPER AND WELL DEFINED RESPONSE.



180 DEGREE PHASE SWITCH

INPUT SENSITIVITY ADJUSTMENT

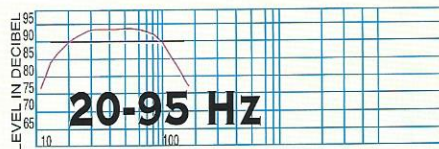
EASY SNAP ON/OFF MOLEX PLUG HOUSES THE CONNECTORS FOR POWER AND SPEAKER LEVEL INPUTS. IT MAKES THE AMPLIFIED ENCLOSURE USABLE IN DIFFERENT CARS.

RCA LEVEL INPUT WITH A WIDE RANGE OF 0.2 TO 4 VOLTS RMS; DESIGNED TO ACCEPT THE OUTPUT OF MOST HEAD UNITS.

ABP-10 AMPLIFIED SINGLE-REFLEX BANDPASS

280WRMS

One 10" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
METAL REINFORCED CORNERS
3/8" THICK LEXAN WINDOW
GOLD TERMINAL CUPS

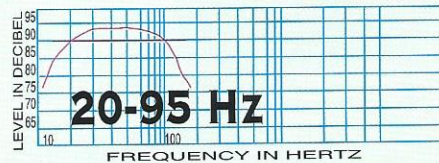


DIMENSIONS 12 3/4 x 12 3/4 x 24 3/8 INCHES

ABP-12 AMPLIFIED SINGLE-REFLEX BANDPASS

280WRMS

One 12" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
METAL REINFORCED CORNERS
3/8" THICK LEXAN WINDOW
GOLD TERMINAL CUPS



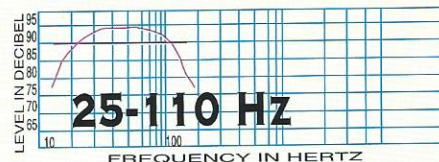
DIMENSIONS 14 3/8 x 14 3/8 x 28 INCHES



ASB-10 AMPLIFIED SINGLE ACOUSTIC- SUSPENSION

280WRMS

One 10" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
POLYIMIDE CONE MATERIAL
VB = 1.02 FB = 43 Hz
GOLD TERMINAL CUPS



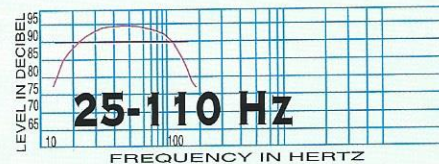
DIMENSIONS 13 1/8 x 17 1/4 x 13 3/4 x 7 1/2 INCHES



ASB-12 AMPLIFIED SINGLE ACOUSTIC- SUSPENSION

280WRMS

One 12" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
POLYIMIDE CONE MATERIAL
VB = 1.22 FB = 37 Hz
GOLD TERMINAL CUPS



DIMENSIONS 15 1/4 x 17 1/4 x 13 3/4 x 7 1/2 INCHES



ABR-10 AMPLIFIED SINGLE BASS-REFLEX

280WRMS

One 10" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
POLYIMIDE CONE MATERIAL
VB = 1.02 FB = 40 Hz
GOLD TERMINAL CUPS

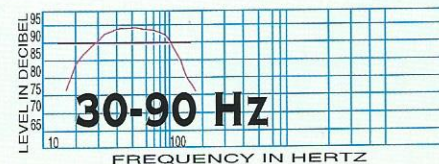


DIMENSIONS 13 1/8 x 17 1/4 x 13 3/4 x 7 1/2 INCHES

ABR-12 AMPLIFIED SINGLE BASS-REFLEX

280WRMS

One 12" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
POLYIMIDE CONE MATERIAL
VB = 1.22 FB = 35Hz
GOLD TERMINAL CUPS



DIMENSIONS 15 1/4 x 17 1/4 x 13 3/4 x 7 1/2 INCHES

PASSIVE SUBWOOFER ENCLOSURES

"... THE BEST BANDPASS SUB I'VE EVER HEARD"...

-PETER W. MITCHELL, CAR AUDIO AND ELECTRONICS MAGAZINE.

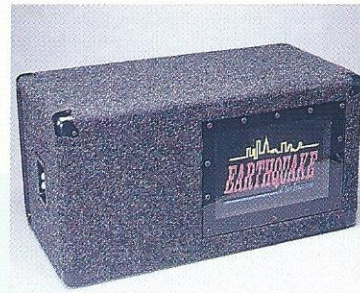
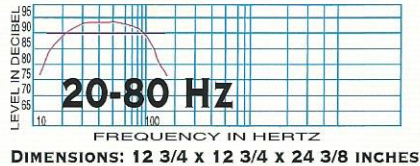
"THE BP1-12'S COMBINATION OF DEEP-BASS POWER AND CLARITY MAKE IT THE BEST BANDPASS SUB I'VE EVER HEARD."

"I LIKE THE EXCEPTIONALLY SOLID BUILD OF THE... EARTHQUAKE."

BP1-10 SINGLE- REFLEX BANDPASS

200WRMS

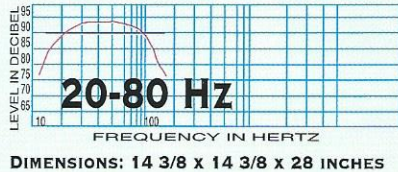
One 10" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
METAL REINFORCED CORNERS
3/8" THICK LEXAN WINDOW
GOLD TERMINAL CUPS



BP1-12 SINGLE- REFLEX BANDPASS

200WRMS

One 12" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
METAL REINFORCED CORNERS
3/8" THICK LEXAN WINDOW
GOLD TERMINAL CUPS



BP2-10 DUAL- REFLEX BANDPASS

250WRMS

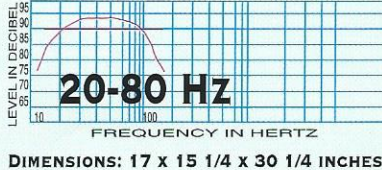
Two 10" WOOFERS (8 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
METAL REINFORCED CORNERS
3/8" THICK LEXAN WINDOW
GOLD TERMINAL CUPS



BP2-12 DUAL- REFLEX BANDPASS

250WRMS

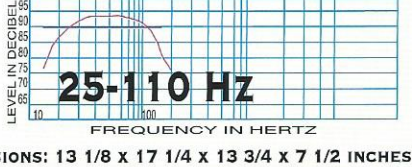
Two 12" WOOFERS (8 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
METAL REINFORCED CORNERS
3/8" THICK LEXAN WINDOW
GOLD TERMINAL CUPS



SBX-10 SINGLE ACOUSTIC- SUSPENSION

200WRMS

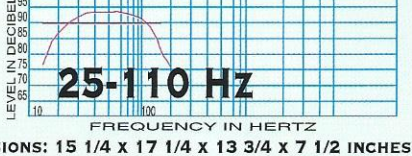
One 10" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
POLYIMIDE CONE MATERIAL
VB = 1.02 FB = 43 Hz
GOLD TERMINAL CUPS



SBX-12 SINGLE ACOUSTIC- SUSPENSION

200WRMS

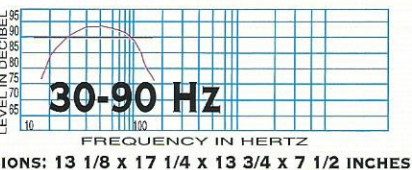
One 12" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
POLYIMIDE CONE MATERIAL
VB = 1.22 FB = 37 Hz
GOLD TERMINAL CUPS



BRX-10 SINGLE BASS- REFLEX

200WRMS

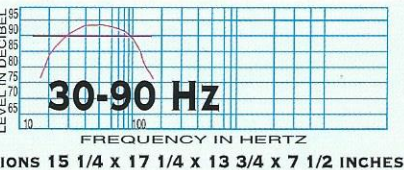
One 10" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
VB = 1.02 FB = 40 Hz
GOLD TERMINAL CUPS



BRX-12 SINGLE BASS- REFLEX

200WRMS

One 12" WOOFER (4 Ohms)
2" POLYIMIDE COIL
50 OZ MAGNET
SANTOPRENE RUBBER SURROUND
VB = 1.22
FB = 35 Hz
GOLD TERMINAL CUPS

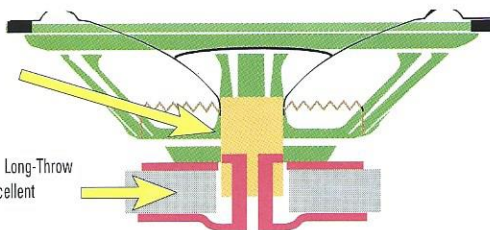


INEXPENSIVE BASS WITH A LOT OF TRUNK SPACE...

GOOD BASS DOES NOT HAVE TO BE EXPENSIVE, IT DOES NOT HAVE TO EAT UP YOUR TRUNK SPACE EITHER. EARTHQUAKE ENGINEERS WROTE THE BOOK ON DEEP BASS EXTENSION. FIRST, THEY MOLDED TUBE ENCLOSURES FROM HARDENED PVC MATERIAL; NEXT, THEY DEVELOPED NEW DRIVERS OPTIMIZED SPECIFICALLY FOR USE IN THESE TUBES... HENCE, THE BRT SUBWOOFER TUBES; THE EASIEST AND MOST ECONOMICAL WAY TO ADD DEEP, CLEAN BASS TO SOUND SYSTEMS.

Four-wound flat wire voice coil (2") maximizes low frequency response and provide a smooth high frequency rolloff, eliminating the need for external crossover.

Custom built subwoofer with Long-Throw piston assembly provides excellent deep bass extension.

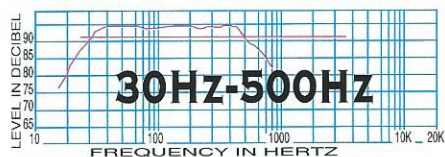


The tube construction is rugged, with durable built-in moldings designed to blend with the trunk interior. All hardware required to securely mount the tube is included. The BRT subwoofer tubes feature computer tuned, twin rear ports for optimum response and long lasting performance.



BRT-10"

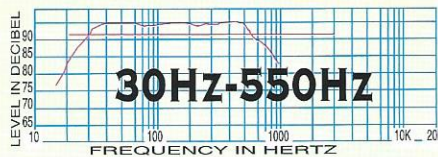
160 Watts RMS
Bass Reflex Tube



Diameter: 10 inches.
Length: 22 inches.
Weight: 22.7 Lbs.

BRT-8"

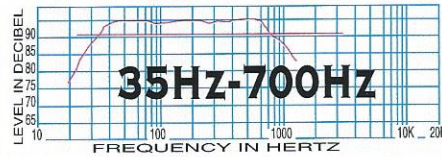
130 Watts RMS
Bass Reflex Tube



Diameter: 8 inches.
Length: 16 inches.
Weight: 15 Lbs.

BRT-6"

100 Watts RMS
Bass Reflex Tube



Diameter: 6 inches.
Length: 16 inches.
Weight: 8.7 Lbs.

AMPLIFIER SPECIFICATIONS

| Model | 200X | 250T | 4300T | 250TX | 300TX | 400TX | 400XO | 700XO | 4300TXO | 4400TXO | 6600XM | 700BX | 1000BX | 42000BX |
|---|------------------------------------|--------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| Mono output @ 4 ohm | 200 W x 1 CH | 250 W x 1 CH | 150 W x 2 CH | 250 W x 1 CH | 300 W x 1 CH | 400 W x 1 CH | 400 W x 1 CH | 700 W x 1 CH | 200 W x 2 CH | 250 W x 2 CH | 230 W x 3 CH | 700 W x 1 CH | 1000 W x 1 CH | 1000 W x 2 CH |
| Stereo output @ 2 ohm | 100 W x 2 CH | 125 W x 2 CH | 75 W x 4 CH | 125 W x 2 CH | 150 W x 2 CH | 200 W x 2 CH | 200 W x 2 CH | 350 W x 2 CH | 100 W x 4 CH | 125 W x 4 CH | 115 W x 6 CH | 350 W x 2 CH | 500 W x 2 CH | 500 W x 4 CH |
| Stereo output @ 4 ohm | 75 W x 2 CH | 75 W x 2 CH | 60 W x 4 CH | 75 W x 2 CH | 90 W x 2 CH | 100 W x 2 CH | 100 W x 2 CH | W 220 x 2 CH | W 65 x 4 CH | 85 W x 4 CH | 85 W x 6 CH | 220 W x 2 CH | 300 W x 2 CH | 300 W x 4 CH |
| Damping factor | Exceeds 200 on all models | | | | | | | | | | | | | |
| Total Harmonic Distortion | Less than 0.016% at any output | | | | | | | | | | | | | |
| Signal to Noise ratio | Over 104 dB on all models | | | | | | | | | | | | | |
| Electronic filters / Xovers @ 12dB/Oct. | Fixed high pass / low pass filters | N/A | N/A | Variable 2 way crossover | Variable 2 way crossover | Variable 2 way crossover | Variable 2 way dual crossovers | Variable 2 way dual crossovers | Variable 2 way dual crossovers | Variable 2 way dual crossover | Variable 3 way crossover | Variable 2 way crossover | Variable 2 way crossover | Fixed two low pass filters |
| Current: -Idling -Typical with music | 300mA 16A | 300mA 16A | 750mA 24A | 300mA 16A | 500mA 24A | 750mA 24A | 750mA 24A | 850mA 32A | 750mA 24A | 1.0A 32A | 1.5A 32A | 850mA 32A | 1.0A 48A | 2.2A 96A |
| Fuse rating in 4 ohm stereo | 20 | 20 | 30 | 20 | 30 | 30 | 30 | 40 | 30 | 40 | 40 | 40 | 60 | 2 x 60 |
| Dimensions (HxWxD) | 2.75" x 9" x 6.75" | 2.75" x 9" x 6.75" | 2.75" x 9" x 10.25" | 2.75" x 9" x 6.75" | 2.75" x 9" x 10.25" | 2.75" x 9" x 10.25" | 2.75" x 9" x 10.25" | 2.75" x 9" x 13" | 2.75" x 9" x 10.25" | 2.75" x 9" x 13" | 2.75" x 9" x 16" | 2.75" x 9" x 13" | 2.75" x 9" x 16" | 2.75" x 9" x 33.5" |
| Weight | 7.5Lbs | 7.5Lbs | 11Lbs | 7.5Lbs | 7.5Lbs | 11Lbs | 11Lbs | 14Lbs | 11Lbs | 14Lbs | 17Lbs | 14Lbs | 17Lbs | 36Lbs |

| | |
|-------------------|--|
| 40UHC | (DIMENSIONS 2.75" X 9" X 16") |
| | Stereo Output @ 4 Ohm = 2 x 20 Watts. |
| | Mono Output @ 2 Ohm = 1 x 1000 Watts. |
| 480UHC | (DIMENSIONS 2.75" X 9" X 33.5") |
| | Stereo Output @ 4 Ohm = 4 x 20 Watts. |
| | Mono Output @ 2 Ohm = 2 x 1000 Watts. |
| 40UHC GOLD | (DIMENSIONS 2.75" X 9" X 19") |
| | SPEAKER 1 (4 OHM) 600 WATTS RMS |
| | SPEAKER 2 (4 OHM) |
| | SPEAKER 1 (2 OHM) 1200 WATTS RMS |
| | SPEAKER 2 (2 OHM) |

SP3X features and specifications

| | | |
|----------------|---|---|
| Crossover | In 3-way mode: Low-pass Bandpass (Rear) High-pass (front) | 30Hz to 1.5KHz. 30Hz to 4KHz. 100Hz to 4KHz. |
| | In 2-Way mode: Low-pass High-pass (Rear) High-pass (front) | 30Hz to 1.5KHz. 30Hz to 4KHz. 100Hz to 4KHz. |
| Slope | 18dB/Octave. | |
| Other features | Built-in 20Hz subsonic filter. 180 degree phase switch on Lowpass. | |
| Specifications | Input impedance Frequency response Distortion Signal to Noise Input sensitivity Dimensions Weight | 47kohms. 15Hz to 50KHz. Less than 0.0005%. 100dB. 250mVolt to 3 Volts. 7 x 1 x 5 inches. 3 1/2 Lbs. |

EO-4000PX features & specifications

| | | |
|---------------------|---|---|
| 4 Band Equalization | +/- 20dB @ 55Hz. +/- 16dB @ 200Hz. +/- 14dB @ 1.7KHz. +/- 20dB @ 20KHz. | |
| Crossover | Variable Low-pass crossover with a range of 35Hz-100Hz. 18dB/Octave slope. Variable + 20dB boost. | |
| Other features | Front and Rear stereo outputs with fader action. Dual inputs: CD / MAIN. Non-faded subwoofer output. | |
| Specifications | Input impedance Frequency response Distortion Signal to Noise Input sensitivity Dimensions Weight | 47kohms. 15Hz to 50KHz. Less than 0.0005%. 100dB. 250mVolt to 7 Volts. 6 1/2 x 1 x 5 inches. 2 1/2 Lbs. |

CR620 features and specifications

| | | |
|-----------------|---|---|
| Front Crossover | In 3-way mode: Low-pass Bandpass High-pass | 30Hz to 1.5KHz. 30Hz to 4KHz. 1KHz to 4KHz. |
| | In 2-Way mode: Low-pass High-pass High-pass | 30Hz to 1.5KHz. 30Hz to 4KHz. 1KHz to 4KHz. |
| Rear Crossover | In 3-way mode: Low-pass Bandpass High-pass | 30Hz to 1.5KHz. 30Hz to 4KHz. 1KHz to 4KHz. |
| | In 2-Way mode: Low-pass High-pass High-pass | 30Hz to 1.5KHz. 30Hz to 4KHz. 1KHz to 4KHz. |
| Slope | 18dB/Octave. | |
| Fader | Individually controlled fader action on all levels: INPUT / LOW-PASS OUTPUT / BANDPASS OUTPUT / HIGH-PASS OUTPUT. | |
| Other features | Built-in 20Hz subsonic filter. Six stereo outputs | |
| Specifications | Input impedance Frequency response Distortion Signal to Noise Input sensitivity Dimensions Weight | 47kohms. 15Hz to 50KHz. Less than 0.0005%. 100dB. 250mVolt to 3 Volts. 13.5 x 8.4 x 1.5" 4 Lbs. |
| | Weight | 3 Lbs. |

| | |
|------------------------------|--------------------|
| <u>To convert</u> | <u>Multiply by</u> |
| <u>Inches to Centimeters</u> | <u>2.540</u> |
| <u>Feet to meters</u> | <u>0.3048</u> |
| <u>Centimeters to Inches</u> | <u>0.3937</u> |
| <u>Meters to Feet</u> | <u>3.2808</u> |
| <u>Cu.Feet to Cu.Inches</u> | <u>1728</u> |
| <u>Cu.Inches to Liters</u> | <u>0.01639</u> |