

Gratulation:

Thank you for your purchase of an EXCURSION HX Serie Smart Cap.

A Product of uncompromising quality on latest level of technologies with a high density foil design go next steps in size to performance ratio efficiency.

If properly installed this high power Cap will provide you many years of Power support to your Car Stereo. Should your Capicator ever need a service, please record your infos on the following lines to refer to in the event that you may need it later.

Dealer _____

Date Purchase _____

Install Shop _____

Install Date _____

HXCAP



...is all you need



0.5F

HX **MINI** COMPACT CAPICATOR

Operation:

EXCURSION HXCAP is a half Farad energy storage device. It is designed to supplement car amplifier's power during high current demands.

Example demand is when music hits a low bass transient. The overall bass response of an audio system will be enhanced by using this device. It is capable of storing a large amount of energy which can be discharged very fast when needed. This makes the cap a logical addition to the audio system as automotive batteries are not made to deliver the current required in similar high speed as actually required in high power car audio installations.

Another feature is the availability to filter car AC voltage induced by the amplifier power supply. This can otherwise cause audible noise in the sound system of car and disturb your listening pleasure.

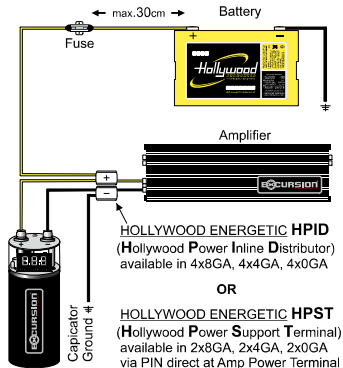
Installation:

EXCURSION HX CAP should be installed **as close to your amplifier** as possible.

The ideal location is one that allows short wiring runs while keeping the Capacitor somewhat isolated from the heat created by the amplifier system. The positive power wire should be kept as short as possible and should be connected to the amp's battery supply cable. We recommend a Distribution block to create a splice into this cable. Therefore a good choice are HPID Inline Distributor or HPST Power Support Terminals from specialized accessories trademark Hollywood ENERGETIC. All are available in 4x8/4/0GA size.

No Fuses should be installed in the wire between Capacitor and Amplifier, but make sure the battery main supply cable is fused short after battery. Ground cable should be kept as short possible as well

and connected directly to the vehicle's chassis at a bare metal surface area. The positive and the negative wires to the capacitor should have the same Gauge as the amplifier power wires.



learn more: www.hollywoodsoundlabs.de

Power-UP Procedure & Display:

1. Connect the power cables to the Cap. First the Ground and 2nd the Positive.
2. The Digital Electronic System turns on automatically at first charging process while orange LED keeps on lighting.
3. When the Cap has been fully charged, the decimal point at the blue display will stop flicker and the display shows the DC voltage of the electronic system.
4. If the DC voltage exceeds over $\pm 0,1A$ the digital top electronic display **turn ON** automatically. Usually happens with turn ON the car audio system or Bass drum.
5. If the DC voltage does not exceed over $\pm 0,1A$ the digital top electronic display will **turn OFF** after approx one minute and show loaded 12V "Stand-By" Status with permanent orange LED. Note the power consumption of orange LED is negligible to the Battery System of the car.



EXCURSION INTL.
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500W



Safety Protection Circuit:

If accidentally the polarity of (+) and (-) get hooked up reverse during install it can **usually** cause damage of the system and be harmful to the user.

Therefore we have designed the Top Electronic with security circuit which will not open the circuit if the polarity is wrong connected. This case the orange LED will switch into RED and the Buzzer will acoustical warn the installer of the reverse polarity failure.

Top Electronic will only turn ON and open the circuit if all wiring correctly connected as per instruction.

Discharging:

During discharging Display and front blue LEDs will go OFF if voltage drops down below 9Volt. Than the orange "Stand-Bye" LED start getting dark and finally turn OFF 0V empty status.