MPORTANT NOTICES

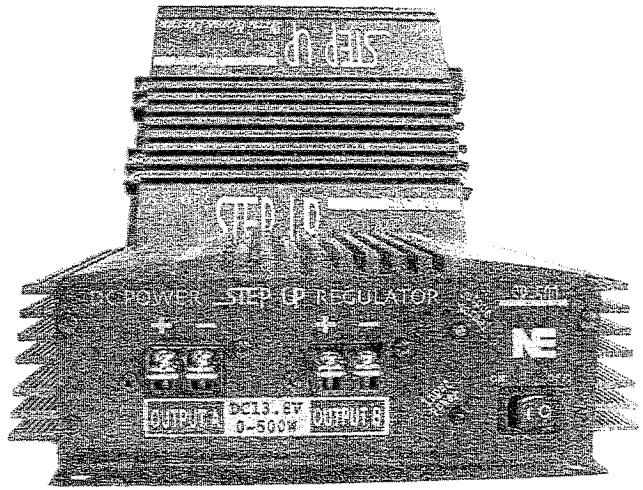
AWG# 8-10 cable size is recommended for the input
AWG# 10-14 cable size is recommended for the outputs
Keep cables as short as possible
All terminal connections must be fastened securely

IAINTENANCE

converter is maintenance free if it is operated properly. It should be kept away
n water and direct sunshine. Check and clean the ventilation holes at the rear
el.

EMEDIES

Symptom	Recommended Action
ut Power" LED and/or tput Normal" LED does not on	(1) Check DC input cable. (2) Check power switch. (3) Input voltage too low. (4) "Input Power" LED may be damaged. (5) Fuses may be blew-out Call for service.
DC output	(1) Over voltage protected. Power on and off the unit again. If problem still exist, call for service. (2) Fuses may be blew-out. Call for service.
egulated output	(1) Input voltage too high or too low. Check input. (2) Unit overload. Decrease loading.
ays over voltage protect	(1) Shorten the cabling (2) Unit damaged. Call for service.



SR-500-24/SR-700-24

24V STEP-UP REGULATOR

OPERATION MANUAL

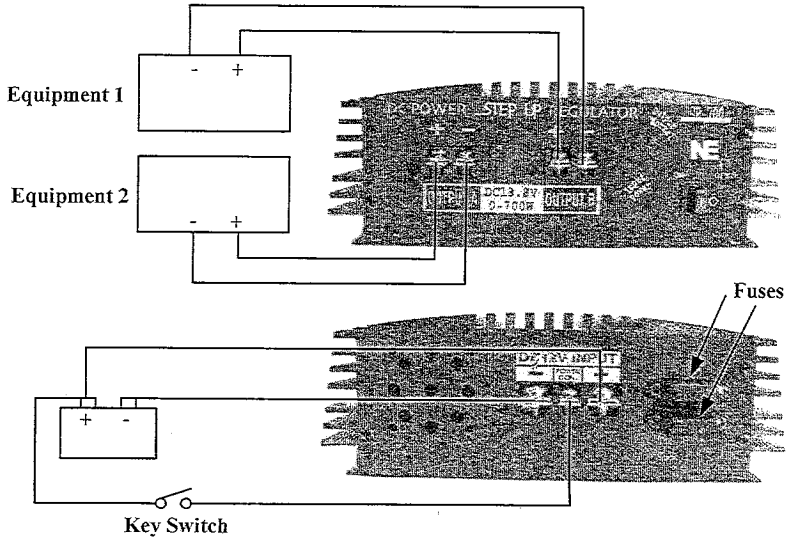
EATURES

- Switch-mode technology
- Special design and decorous car amplifier heat sink housing
- Provide fixed regulated, filtered dc voltage to AV & communication equipment
- High efficiency implies less heat without over-heating
- Good load and line regulations
- Wide input voltage input range
- Input reverse polarity protect
- Short circuit and over-voltage protects
- Over temperature protection
- Low input voltage drop out

PECIFICATIONS

Model	SR-500-24	SR-700-24
t Voltage Range	10 – 14V DC	
ut Voltage	24V DC	
Output Power	500W	700W
inuous Output Current	9.5A	14.5A
oad Input Current	<200mA	
Regulation	0.5%	
Regulation	1%	
ut Ripple Noise	50mV (rms)	
iency	Over 85%	
ote Control Input	10 – 14V DC	
ensions WxLxH (mm)	200 x 170 x 70	200 x 205 x 70
ht	1Kg	1.5Kg

2. PANELS



3. OPERATION

(1) Mount the unit without blocking of the ventilation holes on the rear panel.
(2) Connect the 10-14V DC to the terminal block at the rear.
[Beware of polarity although the unit is protected against wrong input polarity!]
(3) Connect "POWER CON" to input "+" terminal can power on the unit remotely. Leave it unconnected when not used.
(4) Connect the equipment to the output terminals A & B at the front
[Beware of polarity of the connecting equipment!]
(5) Turn on the "Power" switch. [Both the "Input Power" LED and the "Output Normal" LED turn on.]
(6) Turn off the "Power" switch when necessary.
[Both the "Input Power" LED and the "Output Normal" LED turn off.]