

User`s manual CarAmplifier McHAMMER “Hurricane-1500”



| | |
|--------------------|--|
| power max. | 4x 375W |
| power rms | 4x160Wpower mono |
| power mono bridged | 1200W / 4Ohm/1kHz |
| frequency-range | 10-40.000Hz ±1 dB |
| signal to noise | ca. 85dB |
| distortion-factor | <0,05% |
| bass range | 0-12dB |
| treble range | 0-12dB |
| speaker outputs | 2 - 8 Ohm, 2ohm stabil |
| Indicator | LEDs for Power + Protect safety, VU-Levelmeter |
| measure | 43x28,2x5cm |
| accessoires | screwset & replaceble fuse |

Introduction

Dear customer,
Congratulations to this highclass
carhifi-product!

With this model you have chosen best quality united with futuristic design
and innovative functionality.

Please read manual carefully and act so,
to become full pleasure of your new audioamplification.

Installation

Please choose well-ventilated place in the car for installing the amplifier for preventing heat accumulation!
if you have no experience with installation of your amplifier, please use the help of an authorized car-hifi dealer
in your neighbourhood.

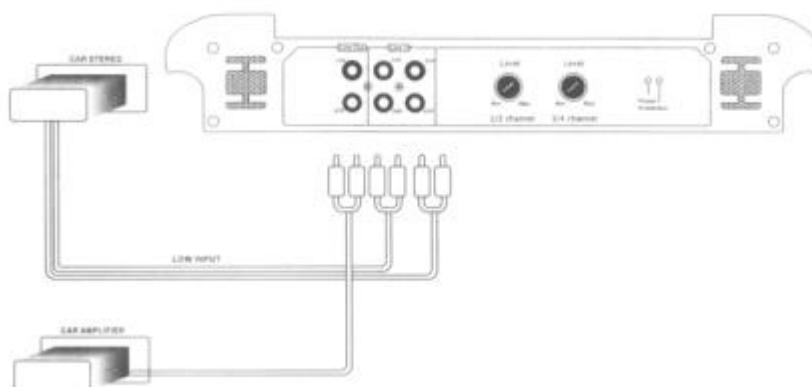
Attach the loudspeakers before connection of the current supply please. Neglect of the fitting instruction can damage
the amplifier.

Signal-Inputs

Low-level signal (Cynch-input): is best audio quality. If your car-radio has an preamp output it`s advisable to use
low-level input! .

RCA - output connectors

Adjusting the input-level (Gain control)



Powerconnections

Connect B+ to your + 12V of the battery

GND should be connected to car-chassis

Take the shortest way in order to avoid possible disturbances.

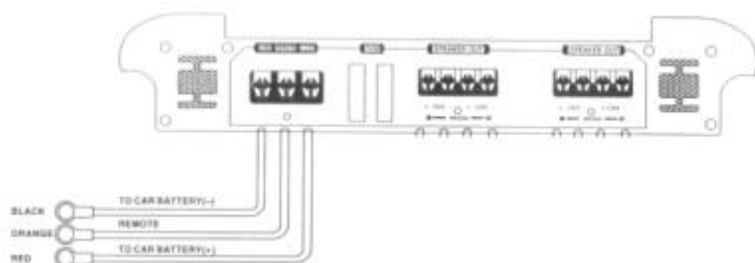
Remote must be connected to switched + 12V contact from your car-radio.

After all connections are made, dose the electrical-circuit by re-connecting the minus-battery-contact.

Protect indicator

LED Protect safety, Overload-, short circuit- & thermofuse

Power indicator

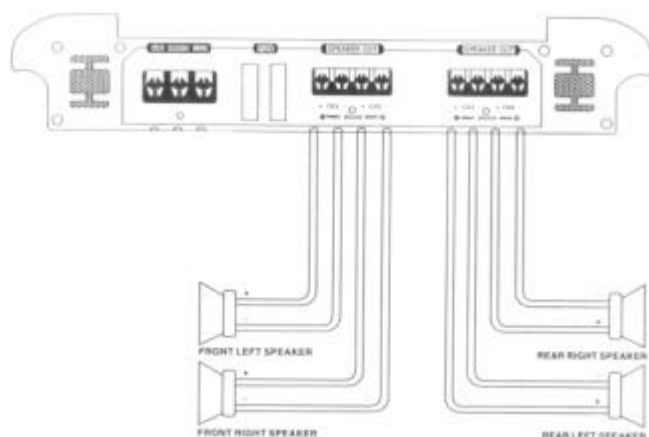


Speaker connections

4-channel stereo

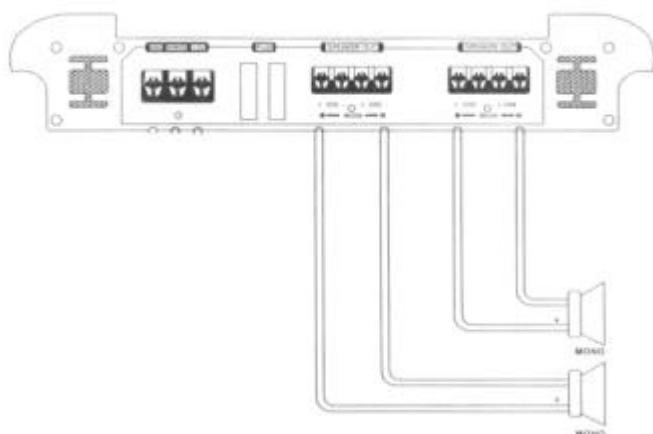
For 4- channel stereo take four speakers with 2-8 ohm impedance as shown in the picture.

Take care of speakers polarity.



2-channel mono

For 2- channel mono take two speakers (subwoofer) with 2-8 ohm impedance as shown in the picture.



Trouble shooting

| <u>failure</u> | <u>Possible cause</u> | <u>suggestion</u> |
|--|---|--|
| No sound | <ul style="list-style-type: none"> • no or to low-remote voltage by car radio. • Blown fuse. • broken or wrong circuit connection • broken or wrong speaker | <ul style="list-style-type: none"> • Check remote-voltage at carradio measuring instrument. It should be between 11,8 and 13,8V=. • change the old fuse. • Check ground- and batterie connection. • Check your speakers and speaker cables. |
| Distorted output signal | <ul style="list-style-type: none"> • wrong adjusted gain-level. • Broken speakers. • wrong speaker polarity. | <ul style="list-style-type: none"> • Readjust the gain-level. • Check speakers condtion. • Check speakers polarity. |
| Low output signal | <ul style="list-style-type: none"> • low audio level from carradio. • MUTE-function from car-radio is activated. • wrong adjusted gain-level. | <ul style="list-style-type: none"> • check the sound-level from carradio and MUTE- function of car radio • Readjust the gain-level. |
| Blown fuse | <ul style="list-style-type: none"> • wrong circuit connection. • short circuit. | <ul style="list-style-type: none"> • Check polarity of power connection. |
| Howling noise by switched starting lock | <ul style="list-style-type: none"> • The amplifier takes noises from the Light generator. | <ul style="list-style-type: none"> • Take protected Cynch-cable from radio to amplifier • maybe take another wayfor installing the cynch-cables. • (if possible not directly at powercables!!) • if this does not help yet: ask your authorized caraudio dealer for help |
| Ticking noise by switched starting lock. | <ul style="list-style-type: none"> • The amplifier takes up radiated breakdown sparks. | <ul style="list-style-type: none"> • Attach the power supply over a power stabilizer. • Check power connection. • Check audio-cables. |