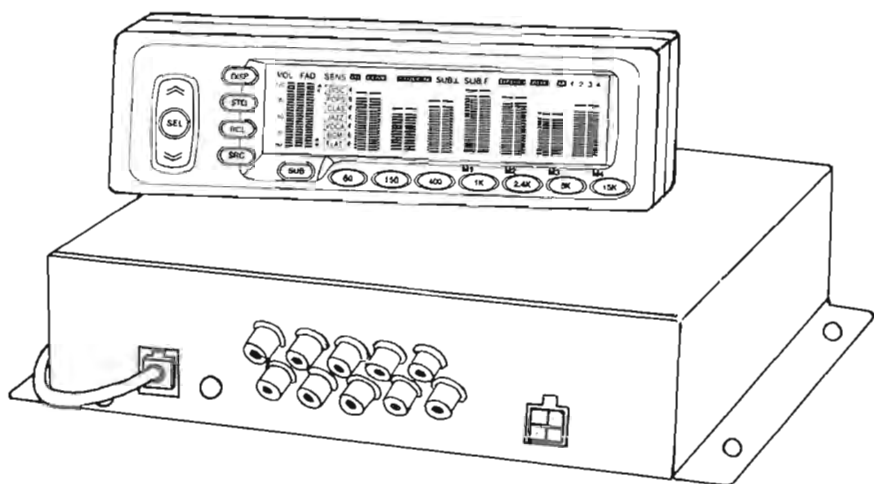


REMOTE CONTROL PRE-AMP WITH COMPUTERIZED GRAPHIC EQUALIZER AND SUBWOOFER X-OVER



OWNER'S MANUAL

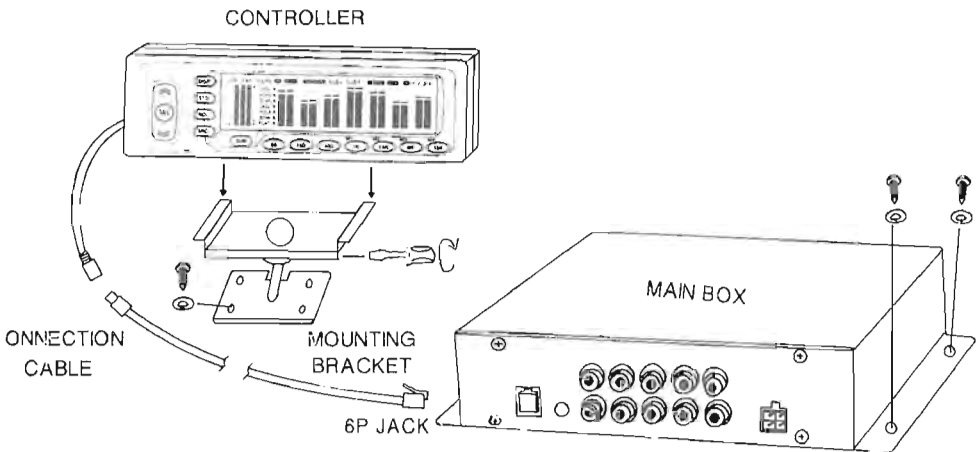
PowerAcoustik

PEQ-007

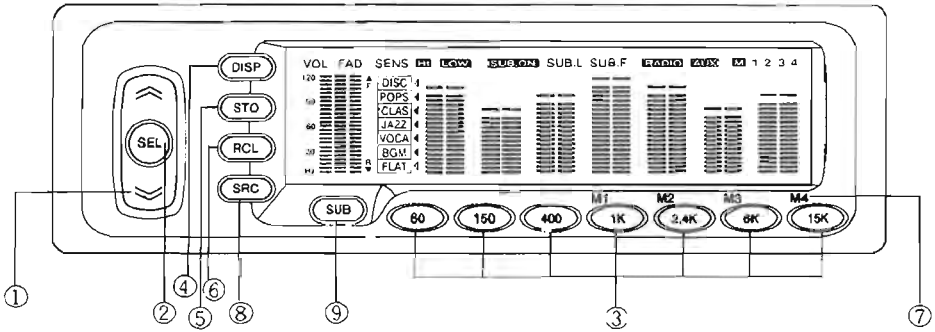
FEATURES

- Separate 2 Bodies For Easy Mounting
 - Controller (On Dash Board) and Main Box (Under Seat or In Trunk)
- Connecting Cable (6P) From Controller to Main Body : 1.7M or 4.7M
- Equalizer Control
 - 7 Band Graphic Equalization Control
 - 7 Preset EQ Memories (Disco, Pops, Classic, Jazz, Vocal, BGM, Flat)
 - 7 Band LCD Spectrum Analyzer Display
(Display Pattern : NORMAL, PEAK-HOLD, MOUTH, CIRCLE)
 - 4 User EQ Memory Setting
 - Spectrum Display Sensitivity (High, Low)
- Volume/Fader Control
- Low Level Input
- Switchable 2 Input Sources (Main, Aux)
- Remote On/Off
- Reset Button
- Subwoofer X-Over (Pre-Out)
 - Subwoofer Level Control
 - Cut-Off Frequency Adjustment (30, 60, 90, 120Hz)
 - Subwoofer Level Display
 - Subwoofer On/Off Selection

INSTALLATION

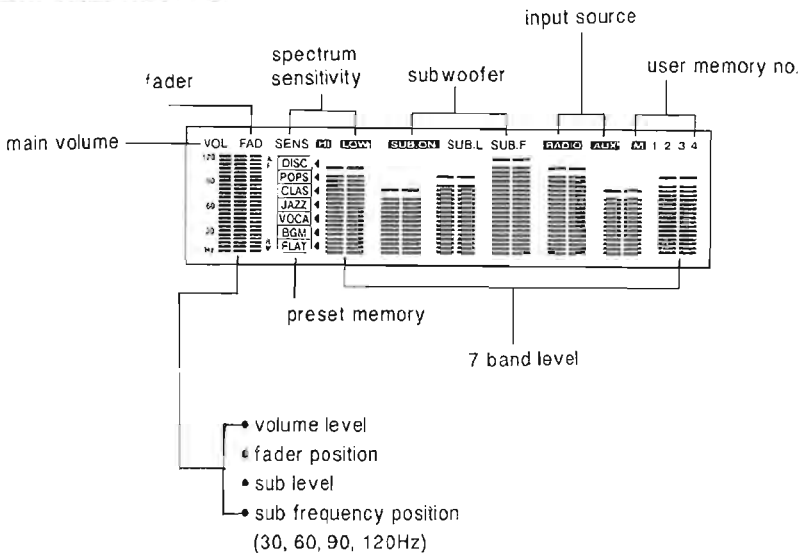


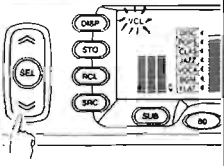
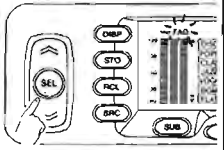
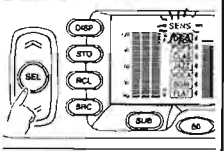
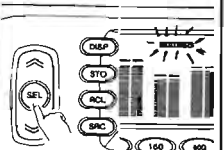
OPERATION

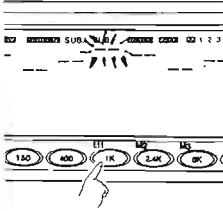

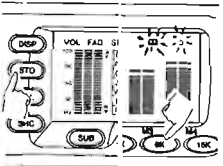


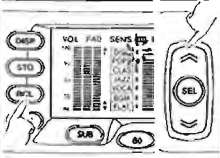
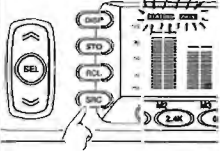
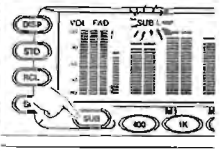
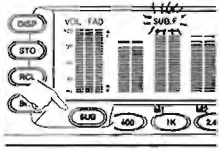
1. UP/DOWN BUTTON (MAIN VOLUME)
2. SELECTION BUTTON
(main VOL, fader, spectrum sence, subwoofer on/off)
3. 7 BAND EQ CONTROL
4. DISPLAY MODE SELECTION (NORMAL, PEAK HOLD, MOUTH, CIRCLE)
5. USER MEMORY STORE (M1, M2, M3, M4)
6. MEMORY RECALL (7 preset memory, 4 user memory)
7. USER MEMORY NO.
8. INPUT SOURCE SELECTION (main (radio), aux)
9. SUBWOOFER CONTROL (sub level, sub frequency)

LCD INDICATION



| NO | DESCRIPTION | FUNCTION & OPERATION | DRAWING INDICATION |
|----|--|--|--|
| ① | \wedge, \vee (UP/DOWN BUTTON) | MAIN VOLUME CONTROL PRESS UP OR DOWN. "VOL" BLINKS. VOLUME BAR GOES UP OR DOWN. |  |
| ② | SEL (SELECTION KEY) EACH PRESS CHANGES CONTROL MODE. MAIN VOL-> FADER-> SPECTRUM SENSE-> SUBWOOFER ON/OFF-> MAIN VOL | ① MAIN VOLUME CONTROL (SAME AS ABOVE) | |
| | | ② FADER CONTROL "FAD" BLINKS. WITH UP / DOWN BUTTON, CONTROL FADER. UP -> FRONT, DOWN -> REAR |  |
| | | ③ SPECTRUM SENSITIVITY SELECTION (HIGH, LOW) "SENS" BLINKS. WITH UP/DOWN BUTTON, ADJUST HIGH OR LOW LEVEL OF DISPLAY SPECTRUM HEIGHT. UP -> HIGH, DOWN -> LOW |  |
| | | ④ SUBWOOFER PRE- OUT ON/OFF <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> ※SPECTRUM DANCING HEIGHT - AT SUBWOOFER ON: SUBWOOFER LEVEL - AT SUBWOOFER OFF: MAX LEVEL OF 7 BAND EQ </div> "SUB ON" BLINKS. WITH UP/DOWN BUTTON, SWITCH SUBWOOFER PRE-OUT ON OR OFF. UP -> ON, DOWN -> OFF |  |

| NO | DESCRIPTION | FUNCTION & OPERATION | DRAWING INDICATION |
|--------|----------------------|--|--|
| ③ | EQUALIZATION CONTROL | <p>7 BAND CONTROL (60, 150, 400, 1K, 2.4K, 6K, 15KHz)</p> <p>PRESS ONE OF 7 FREQUENCY BUTTONS, THEN UNIT CHANGES FROM SPECTRUM MODE TO EQ CONTROL MODE AND THE BAR OF PRESSED FREQUENCY BLINKS</p> <p>ADJUST THE LEVEL OF THE FREQUENCY BY UP/DOWN BUTTON.</p> |  |
| ④ | DISP (DISPLAY MODE) | <p>SPECTRUM DISPLAY DANCING MODE</p> <p>EACH PRESS CHANGES ; NORMAL -> PEAK HOLD -> MOUTH -> CIRCLE -> NORMAL</p> <p>※ CIRCLE : DANCING MODES CHANGES AUTOMATICALLY EVERY 5 SECONDS.</p> |  |
| ⑤ ⑦ | STO (STORE) | <p>STORING 4 USER MEMORY</p> <p>AFTER ADJUSTING PREFERRED EQ CURVE, PRESS "STO" AND ONE OF MEMORY BUTTONS (M1, M2, M3, M4)</p> <p>THESE BUTTONS USE SAME AS EQ FREQUENLY BUTTON 1K, 3.6K, 6K, 15KHz EACH.</p> |  |

| NO | DESCRIPTION | FUNCTION & OPERATION | DRAWING INDICATION |
|--------|--------------------|--|---|
| ⑥ ⑦ | RCL (RECALL) | <p>RECALL OF MEMORY (7 FACTORY MEMORIES AND 4 USER MEMORIES)</p> <p>- 7 FACTORY MEMORY . DISC (DISCO), POPS, CLAS (CLASSIC), JAZZ, VOCA (VOCAL), BGM (BACK GROUND MUSIC), FLAT PRESS " RCL "</p> <p>WITH UP/DOWN BUTTON, SELECT ONE OF PRESET MEMORY. " 4 " GOES UP OR DOWN ACCORDING TO UP/DOWN BUTTON</p> <p>- 4 USER MEMORY : M1,M2,M3,M4</p> <p>PRESS " RCL " AND PRESS ONE OF 4 USER MEMORY BUTTONS.</p> |  |
| ⑧ | SRC (SOURCE) | <p>SELECTION OF INPUT SOURCE</p> <p>EACH PRESS EXCHANGE BETWEEN MAIN(RADIO) AND AL'X INPUT.</p> <p>※ IN CASE OF NO AUX-INPUT, THIS FUNCTION CAN BE USED AS MUTE.</p> |  |
| ⑨ | SUB (SUBWOOFER) | <p>① SUBWOOFER VOL. LEVEL CONTROL</p> <p>FIRST PRESS OF " SUB " CONTROLS SUB LEVEL. " SUB.L " AND PRESENT LEVEL BAR OF SUBWOOFER BLINKS.</p> <p>WITH UP/DOWN BUTTON, ADJUST LEVEL OF SUBWOOFER VOLUME</p> <p>② SUBWOOFER CUT-OFF FREQUENCY SELECTION (30Hz,60Hz,90Hz,120Hz)</p> <p>DOUBLE PRESS OF " SUB " CONTROL SUB FREQUENCY. " SUB.F " BLINKS AND PRESENT CUT-OFF FREQUENCY SHOWS. WITH UP/DOWN BUTTON, SELECT THE PREFERRED CUT-OFF FREQUENCY.</p> |   |

ELECTRICAL WIRING

Carefully connect the R.C.A cables and all chassis wiring prior to pushing the reset button. This allows the processor to begin full operation

1. POWER SUPPLY B + : RED

This wire should be directly connected to the battery B+ lead. In case of mis wiring the memory settings won't function.

2. REMOTE B + : YELLOW

Connect the yellow to your power antenna lead of your car stereo. This will insure your equalizer will turn ON/OFF with your receiver or the ignition switch.

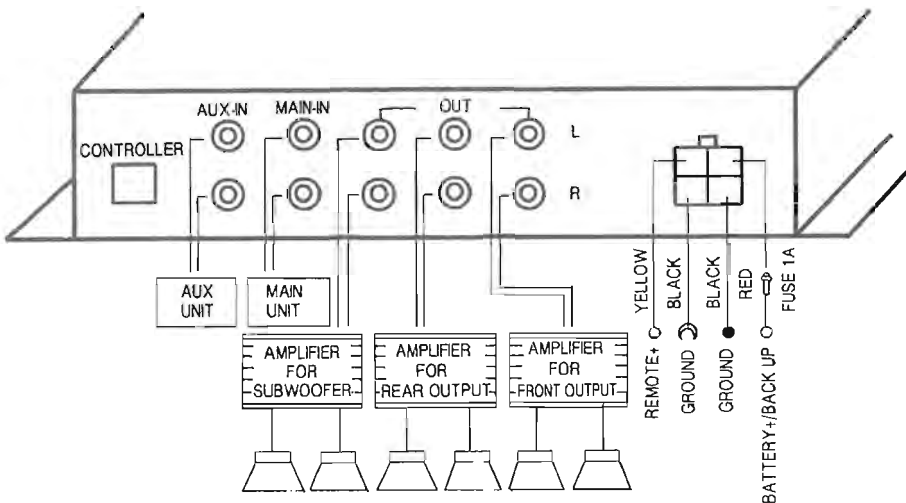
3. GROUND : BLACK (2 WIRES)

It's very important to insure proper grounding of your system. Improper wiring can cause poor sound reproduction or oscillation of the equalizer

- a) Connect one of the two grounds to the car chassis (clean metal frame behind the dash) and the other ground to your car stereo ground lead or your amplifier B-ground lead.

If this is not satisfactory connect both leads to the car chassis or both directly to your car stereo ground wire. One of these will give you the best grounding system.

SEE DIAGRAM BELOW :



SPECIFICATION

| | |
|---------------------------------|---|
| Power | 13.8V DC |
| Polarity | Negative ground |
| Current | Less than 1A |
| Tone Controls | 60Hz, 150Hz, 400Hz, 1KHz, 2.4KHz, 6KHz, 15KHz |
| Tone Control Range | 12dB Boost or Cut |
| Frequency Response | 20Hz-30KHz |
| Seperation (L-R) | 60dB |
| S/N | 60dB |
| Input Impedance | 10 Kohms |
| THD | 0.05% |
| Max Output Voltage | 5V RMS |
| Subwoofer Frequency | 30Hz, 60Hz, 90Hz, 120Hz |
| Dimension & Net weight | Controller : 150(W) × 45(H) × 25(D)mm (0.2kg) Main unit: 206(W) × 45(H) × 160(D)mm (0.9kg) |

HARDWARE KIT

