

UNIT FIXING



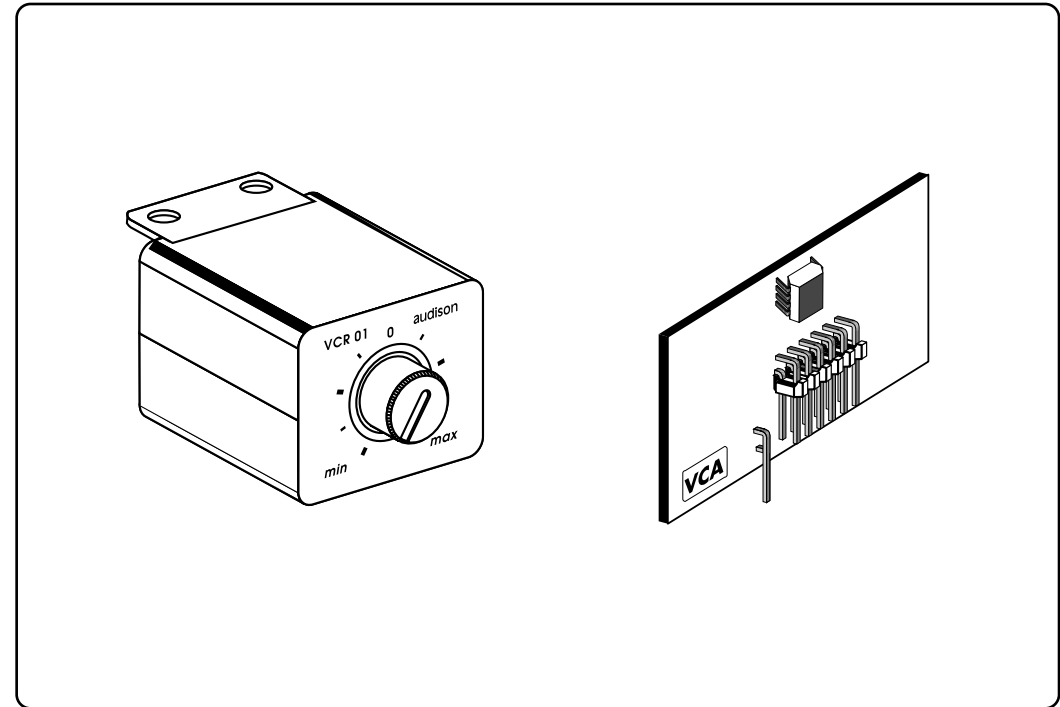
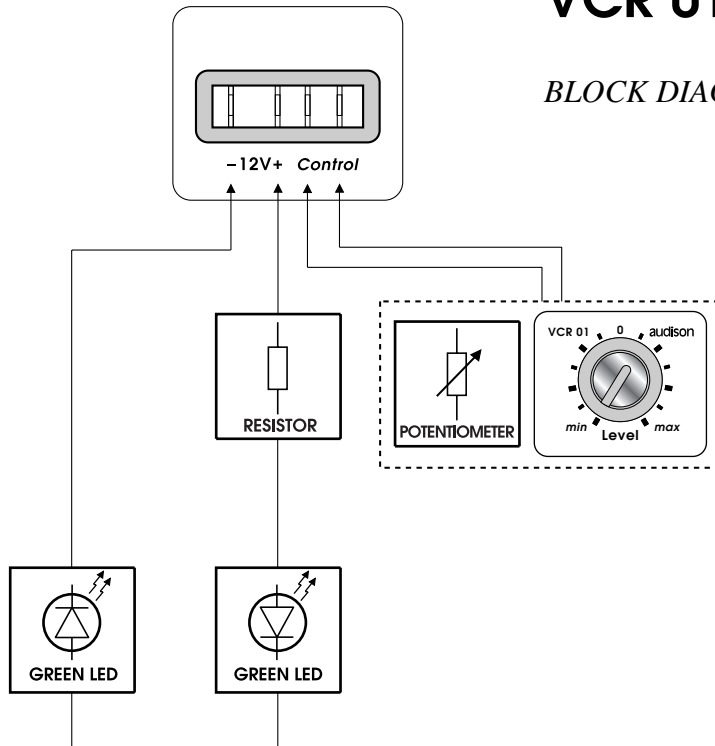
OWNER'S MANUAL

Subwoofer volume remote control kit

VCR01K

VCR 01

BLOCK DIAGRAM



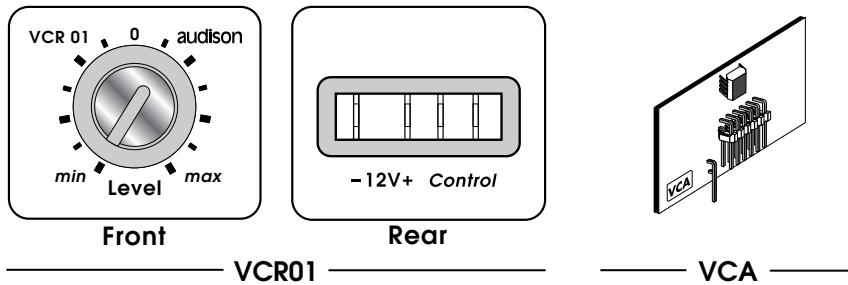
FEATURES

VCR01K is a kit for volume remote analogue control that permits to easily adjust the output level of a single component (amplifier or crossover) without moving from the listening point. Its special features make it particularly suitable to handle subwoofer sections. It consists of VCR01 level control, to place close to the listening point, of VCA (Voltage Control Amplifier) module, to put inside the device to control, and of a connection cables kit.

Being based on VCA functions, **VCR01K** kit can be only used with the components that are suitable to accept this module.

When designing it, we minded not to affect the signal path in order not to affect the subwoofer section sound. VCR01 level control varies VCA module reference voltage and VCA varies the signal to modify. This makes preamplified signal stay unchanged.

REMARK: VCA module is stereo. This allows the amplifier subwoofer section mono/stereo modes not to change according to the amplifier features or to the chosen configuration.



INSTALLATION

VCR01 control has two terminals (CONTROL) that have to be connected to VCR (Remote Volume Control) sockets on the unit to drive through the white-yellow wire. These contacts are not polarised; therefore, they can be connected as you like.

There are also two polarised contacts (+12V and -12V) that light up VCR01 in order to make it easy to employ it even when it's dark. Please use the red-black wire to connect them.

Connect the black wire to -12V terminal on VCR01 back and to battery negative (chassis). Then, connect the red wire to +12V terminal on VCR01 back and to battery positive, that you can find after the car lights switch. Both wires have fast-on connectors (2.8mm). The red wire of the red-black cable has a 250mA delayed fuse (T), connected to power supply positive. The white-yellow cable is 4.5m long, the red-black one is 1.5m.

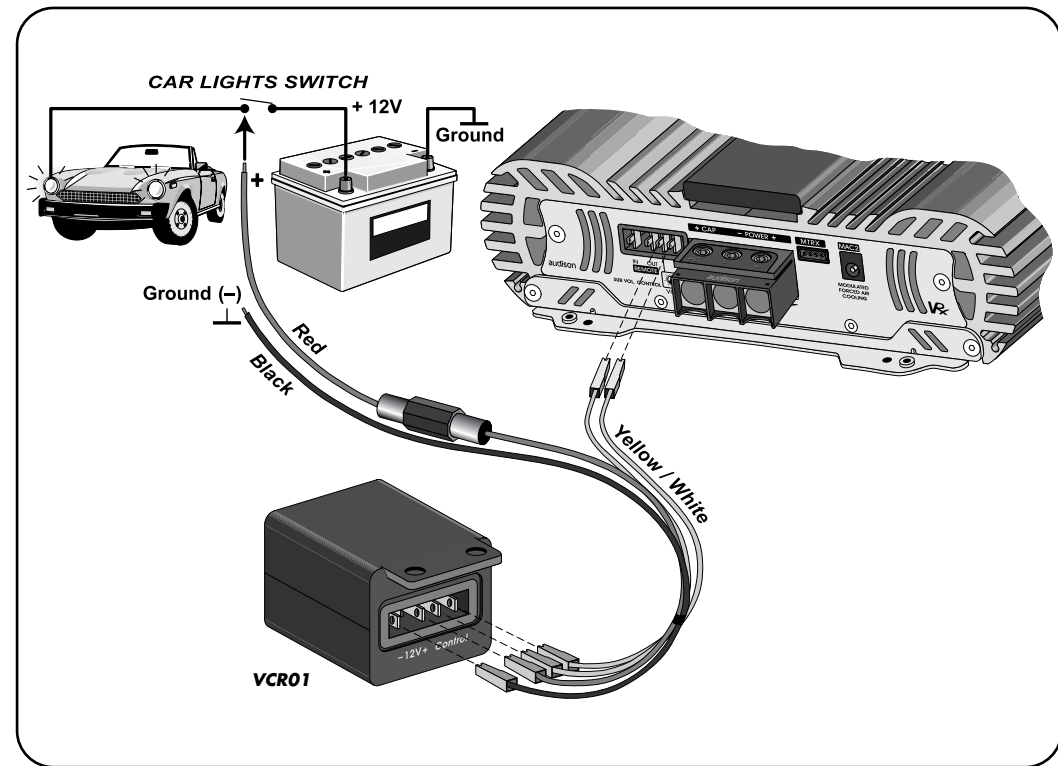
REMARK: Please refer to the amplifiers owner's manuals in order to install VCA module.

PRECAUTIONS

In order to insure the system good functioning, avoid to install VCR01 in hot or damp places.

Respect power supply voltage polarity.

For safer driving, we recommend to adjust volume not to drown external traffic sounds.



VCR01K USE

VCR01 level control has a knob with central tripping ("0" position). If the knob is adjusted on this position, subwoofer volume stays unchanged.

If you turn the knob counterclockwise towards "min" position, you gradually decrease subwoofer volume until it is completely silent.

If you turn the knob clockwise towards "max" position, you gradually increase subwoofer volume until its output level doubles.

ADJUSTMENTS

- 1) Set VCR01 knob on the central tripping.
- 2) Adjust output levels of all system channels in order for subwoofer and Front system to be well balanced.
- 3) Adjust subwoofer volume by turning VCR01 knob according to your needs.

TECHNICAL FEATURES

Power supply:	0 ÷ 15VDC
Bandwidth:	10 Hz ÷ 50 kHz
Gain:	-100 ÷ +6 dB
Fuse:	T, 250 mA (delayed)
VCR01 lighting:	green
Muting:	internal