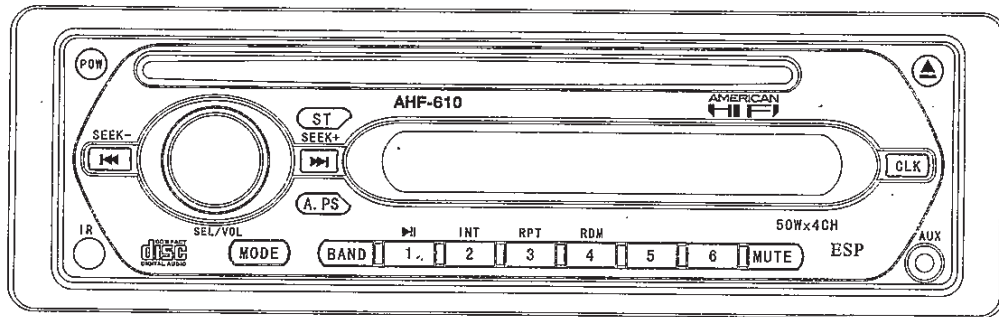


AMERICAN
HIF

AHF-610

CD-R/CD-RW/CD/MP3 Player

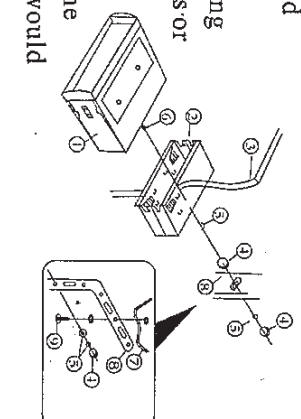
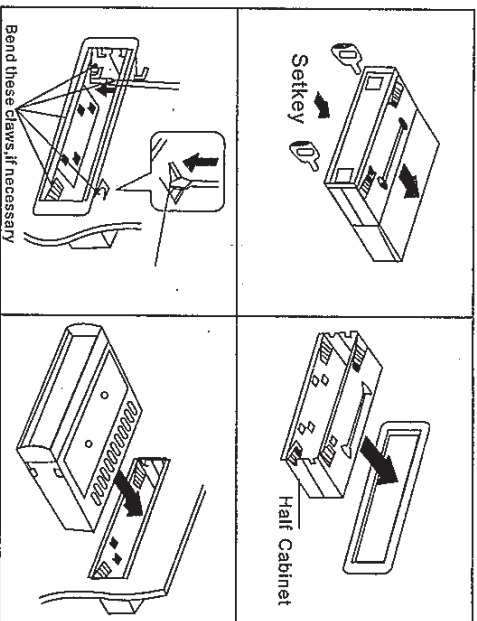


**Please read this users' manual
carefully before operation!**

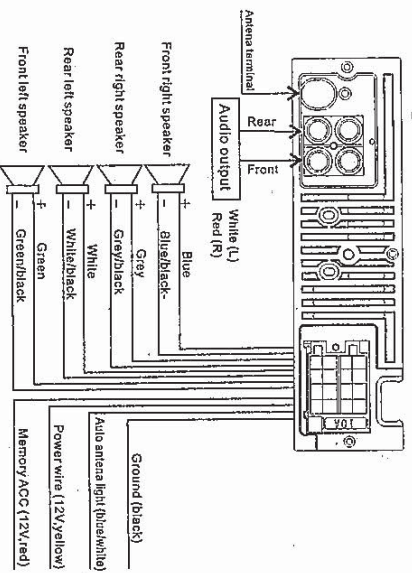
Proudly distributed by Stretchmaster Products (NZ) Ltd

Installation Precautions:

1. This unit shall be installed by professional personnel, if possible.
 2. Please refer to the instruction manual for electrical application, wrong operation will cause damage to the unit.
 3. Apply the power cord after all connections of the unit are set.
 4. Insulate all exposed wires to avoid short circuit.
 5. All loosen wires should be fixed after installation.
 6. Read the application and operating carefully instructions for each part before installation.
 7. The unit is designed for 12V-15V negative ground operation system only, make sure your vehicle is connected to such negative ground electrical system.
 8. Be sure to connect the unit in exact according to the lead-diagram, otherwise malfunctions or damages would be possible.
- The **Disc Slot** and **Any Disc** to play should keep clean and dust-free, otherwise, the unit would be damaged, this kind of damage would not be up for warranty



Wiring Connections:



1. This unit is applicable to 12V direct-current negative ground electrical system only.
2. In order to avoid short circuit, please disconnect the wire connecting terminal of the car storage battery before all applications of the unit are completed.
3. Please note that the yellow directing wire is connected to the anode terminal(+) or the BAT terminal.
4. Change the fuse, the specifications of the fuse for both the automobile and the unit shall be the same.
5. Excellent 4-8 ohm speaker is required for perfect performance.

2

SPECIFICATIONS:

FM tuner:

Frequency range:.....87.5-108MHz
 Medium frequency:.....10.7MHz $\pm 0.3\%$
 Signal/Noise ratio:.....50db
 Image rejection:.....40db

AM tuner:

Frequency range:.....522-1710KHZ
 Medium frequency:.....455KHz $\pm 5\%$
 Signal/Noise ratio:.....50db
 Image rejection:.....40db

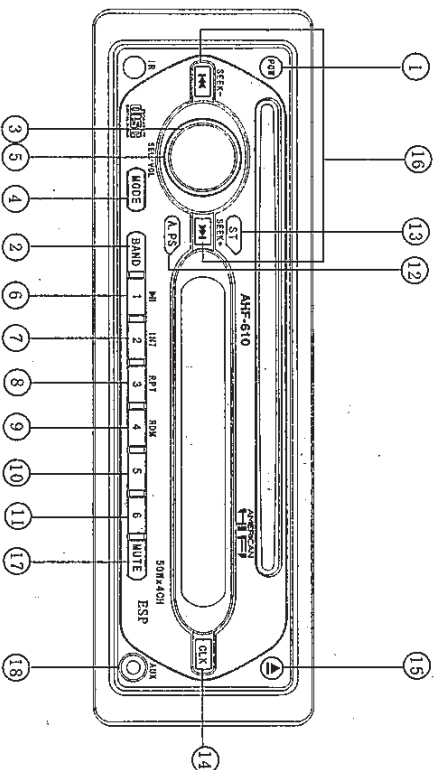
CD/MP3:

Laser:..... semiconductor laser wavelength 780mm
 Frequency response:.....20Hz-20KHz
 Signal/Noise ratio:..... ≥ 50 db
 Harmony distortion
 T.H.D:..... $< 1.0\%$ (1KHz)

Others:

Max. Output power:.....4x50w
 Supply voltage:.....12-15VDC minus earth
 Speaker impedance:.....4-8 ohm /ch
 Demensions:.....178x165x50mm
 Weight:.....1.65Kg

Front Panel Controls and Functions



1. Power button: power on/off.
2. BAND button: on radio mode, it is for band tuning. There are 3 FM band and 2 AM band: FM1, FM2, FM3, AM1, AM2. On playing mode, hold this button for ESP 45 seconds function.
3. "VOL+ and VOL-" for volume adjustment
4. MODE button: radio-CD/MP3/AUX.
5. SEL: Multi function button

*Press it once for "BAS", twice for "TRF", a third time for left and right speaker balance "BAL", a fourth time for front and rear speaker balance "FAD"

*Hold SEL for "LOUD ON/OFF", press it twice for "DSP", turn VOL button to show: "POP", "ROCK", "CLASS", "FLAT". Press it a third time for "DX" near or far dischance exchange; press it a fourth time for "STEREO".

6. 1/| button: Radio(AM / FM) memory / pause
7. 2 / INT button: Radio(AM / FM)memory / browse
8. 3 / RPT button: Radio(AM / FM)memory / repeat play
9. 4 / RDM button: Radio(AM / FM)memory / random play
10. 5 button: Radio memory button / on MP3 mode, press it for 10 tracks backward, for instance, if track number 25 is played, press it to play track number 15.
11. 6 button: Radio memory button/ on MP3 mode, press it for 10 tracks forward, for instance, if track number 25 is played, press it to play track number 35.
12. A . PS button: Auto radio preset channel.
13. ST button: Radio stereo/mono.
14. CLK button, press it to show clock, hold it for two seconds to flash "HOUR", turn "VOL" button to adjust it. Press it again to flash minute, turn the knob to adjust it.
15. ▲ Button: play / open.
12. ◀▶, ▶▶ button: On Radio mode, press it for AUTO station search, hold it for Manual station search. On Play mode, press it for track selection, hold it for fast-forward and fast-backward.
17. MUTE: Mute on/off.
18. AUX input.

WARNINGS:

- ★ SHOULD ANTENNA LINE (BLUE/WHITE ONE) BE GROUNDED OR WRONGLY CONNECTED, THE WHOLE UNIT WOULD BURN OUT OR FAIL TO TURN ON.
- ★ SHOULD POWER LINE (YELLOW ONE) BE GROUNDED OR WRONGLY CONNECTED, THE WHOLE UNIT WOULD BURN OUT OR FAIL TO TURN ON OR ILLUMINATE.
- ★ SHOULD MEMORY LINE (RED ONE) BE WRONGLY CONNECTED, THE WHOLE UNIT WOULD BURN OUT OR FAIL TO TURN ON OR ILLUMINATE..
- ★ THE SPEAKERS SHOULD BE CORRECTLY WIRED, OTHERWISE, THE SPEAKER AND THE AMPLIFIER IC WOULD BURN OUT OR SOUNDLESS.
- ★ THE DISC-SLOT AND THE DISC SHOULD KEEP CLEAN AND DUST-FREE, ANY DAMAGE CAUSED BY DISC PROBLEM WOULD NOT BE GUARANTEED FOR AFTERSALE SERVICES.