

HARMONY

HB 8 US
HB 10 US

Quick Guide

HARD ROCK
UNDERSEAT AMPLIFIED SUBWOOFER

Before operating the unit, please read this manual thoroughly
and retain it for future reference.
Any updates are available on harmonycar.it



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Before you start your installation

We recommend that a fuse or circuit breaker be placed within 18" of the battery. Although you will add a fuse or fuse block near the amplifier it is still a possibility that a pinched power wire between the component fuse and the battery could result in a short, or even a fire. The protection device should be placed where it can be accessed easily and all wiring should be routed safely and correctly according to the following guidelines:

- Do not run wiring close to hot or spinning objects.
- Use wire grommets when routing wire through the firewall or any other metal panels
- Make sure that the potential for pinched wiring is avoided by routing all wires away from moving objects, including brake, gas and clutch pedals, etc.

Planning your power connections

The power end plate has the main 12-volt power input, the 12-volt turn-on wire, and the main Ground connection.

- The 12-volt power input must be connected the vehicle battery's positive (+) terminal, and a main system fuse should be placed close to the battery.
 - The Ground connection must be securely attached to bare metal at the vehicle frame, or other heavy chassis component with a direct connection to the frame.
- Note: Seat bolts and seat belt bolts are NOT good ground points**
- The REM In input can be connected to the head unit turn-on output wire. If none is available it can be connected to an accessory (ACC) terminal. You should avoid using any ignition-on (IGN) wire, as they can be noisy.

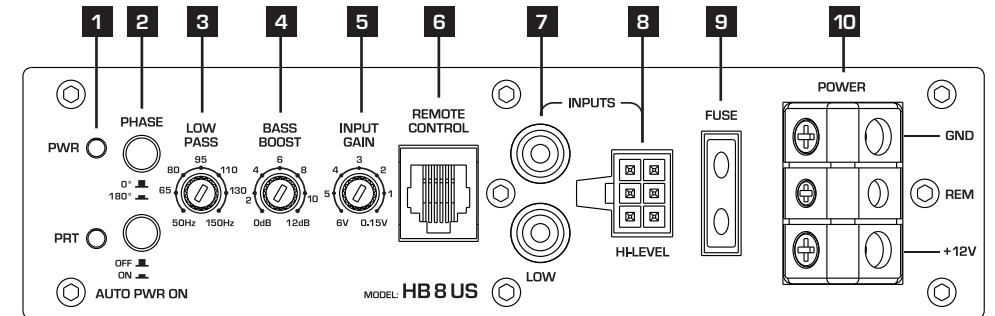
Mounting your unit

Mounting your unit is easy. Just keep in mind a few guidelines:

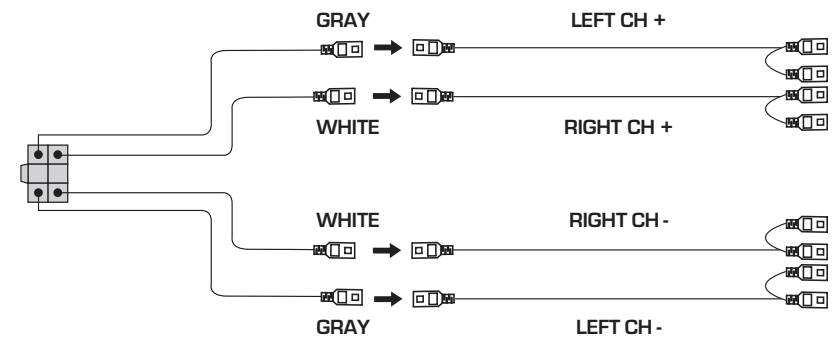
- The unit can be mounted in any direction, on wood, metal, or carpet but not upside down as heat rises and will build up if it is mounted upside down.
- The metal chassis of the amp can be grounded or left isolated.
- The amplifier requires adequate ventilation. Creating power creates heat, and cooling requires air. Position the amplifier with sufficient surrounding area for air supply and keep the end plates clear for future access.
- Keep the unit out of the engine compartment or other locations that may cause excessive heat or moisture.
- Do not mount the unit to places that may have excessive vibration.

Control Panel

1 - Power/Protection Led **2** - Phase Switch (0-180°) / Auto Power-ON **3** - Low-Pass Filter (50-150Hz) **4** - Bass Boost (0-12dB) **5** - Input Gain (6-0.15V) **6** - Remote Control Port **7** - Low Level RCA Inputs **8** - Hi-Level Speaker Inputs **9** - Fuse **10** - Power Connectors (Ground/Rem/+12V)



Use only the original harness provided. Here a detail of the connector functions.



Technical Specifications

Main Features

Easy Installation	Underseat
HB 8 US Power	220 W (Max), 110 W (RMS)
HB 10 US Power	260 W (Max), 130 W (RMS)
Amplifier Class:	AB
Inputs	Low Level RCA and High-Level
Gain Control	Yes, variable
Filter	Low Pass
Bass Boost	Yes, variable
Phase Control	0-180°
Auto Power-ON	with Hi-Lev Inputs

Technicals

S/N Ratio	91dB
THD	0.05%
Sensitivity (1W)	92dB
Frequency Response	10Hz - 150Hz
Output Impedance	2 Ohm
Voltage	14.4V (10V - 16V)
Fuse Rating	15A
Audio In Sensitivity	RCA Input: 150mV Speaker Input: 1.5V
Input Gain	6V - 0.15V
Low-Pass Filter	50Hz - 150Hz
Bass Boost	0 - 12dB
Phase Switch	0 - 180°
Magnet Type	Ferrite
Enclosure Housing	Aluminum
Dimensions	240 x 316 x 70 mm (HB 8 US) 261 x 346 x 78.5 mm (HB 10 US)

HARMONY is a Brand of APEX Group
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