

# 1998-2013 Harley-Davidson®

## PMX-HD9813 Radio Tuning Guide for STAGE1, STAGE2 & STAGE3 Systems.

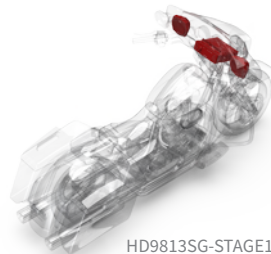


**FLAT:** Use on non-Rockford Fosgate systems.

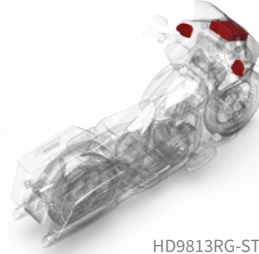
### AUDIO KIT PRESET:

These tunings are optimized ONLY for Rockford Fosgate TM400X4ad amplifiers & TMS speakers due to their unique frequency response. They are not for use with other speaker and/or amplifier brands.

- 1) Press & Hold MENU to access SETTINGS.
- 2) Rotate VOLUME, press to select AUDIO.
- 3) Rotate VOLUME, press to select AUDIO KIT PRESET.
- 4) Radio will automatically reboot & load preset.



HD9813SG-STAGE1  
HD9813SG-STAGE2

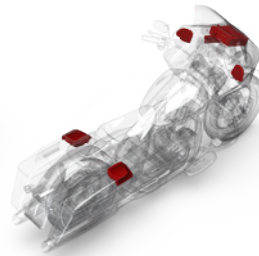


HD9813RG-STAGE1  
HD9813RG-STAGE2

**STAGE1:**  
**Upper Fairing**

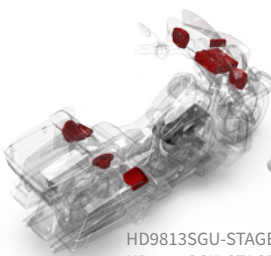


HD9813SG-STAGE3

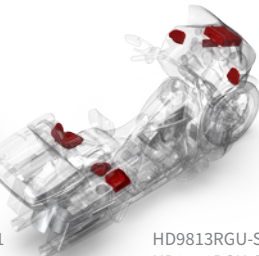


HD9813RG-STAGE3

**STAGE2:**  
**Upper Fairing + Baglids**



HD9813SGU-STAGE1  
HD9813SGU-STAGE2  
HD9813SGU-STAGE3



HD9813RGU-STAGE1  
HD9813RGU-STAGE2  
HD9813RGU-STAGE3

**STAGE3:**  
**Upper Fairing + TourPak**  
**Upper Fairing + TourPak + Baglids**

### RADIO DEFAULTS



**7 BAND EQ: FLAT**



**CROSSOVER:**  
**FRONT HPF: 60Hz @ 12dB/Oct.**  
**REAR HPF: 60Hz @ 12dB/Oct.**  
**SUB LPF: APF**



**PUNCH EQ: GAIN 0**



**INTERNAL AMPLIFIER: ON**

# 1998-2013 Harley-Davidson®

## TM400X4ad Amp Tuning Guide for PMX-HD9813 on STAGE2 & STAGE3 Systems.

For other radios, refer to Knowledge Base Answer ID #1355.



**RADIO O.K.**  
no flash required

**TURN-ON O.K.**  
blue remote wire not required

### REAR INPUT LEVEL: 9:00 (1/4)

Matches the amp to the radio.  
Tells the amp where to “clip.”

### FRONT INPUT LEVEL: 8:00 to 9:00

When using baglids or TourPak,  
reduce fairing speaker output  
by trimming front gain so front  
& rear are equally balanced.

### FRONT & REAR EQUALIZER: 12:00

Works with PMX-HD9813 DSP  
to provide exceptional  
bass & treble response.

### INPUT SWITCH: 4CH

Number of inputs to feed amp.  
New harness supports  
integrated 4-channel  
front/rear audio.  
Must use rear speaker  
harness on PMX-HD9813.

### CROSSOVER FREQUENCY: 50Hz

Tells amp what frequencies to pass.  
Motorcycles use this as a “bass blocker”  
to prevent subwoofer frequencies from  
damaging fairing and baglid speakers.  
(latched to HP/AP/LP switch)

### CROSSOVER SWITCH: HP (High-Pass)

Type of crossover needed.  
(works with crossover frequency dial)

[HP (High-Pass) allows frequencies above to pass]  
[AP (All-Pass) allows all frequencies to pass]  
[LP (Low-Pass) allows frequencies below to pass]

