



2024+ H-D TUNING GUIDE

HD24-STG2 / HD24-STG3

Use RF Connect PRESETS for the best audio quality. RF Connect v2.05 allows you to use Custom Settings. Do not exceed recommended settings when using TMS24-65 & TMS24-69 speakers. **NOTE: Settings beyond those listed below will void your warranty.**

FRONT LEVEL
-30dB to 0dB

Upper Fairing only

Uppers + Loweres

FRONT CROSSOVER
LP/AP/HP 50Hz-250Hz

Upper Fairing only

Uppers + Loweres

AUDIO CLIP LEGEND

- -30dB to -5dB: Clean Audio
- -4dB to -3dB: Clipping Trigger
- -2.5dB to 0dB: Clipped Audio

REAR LEVEL
-30dB to 0dB

Saddlebags or TourPak

Saddlebags + TourPak

REAR CROSSOVER
LP/AP/HP 50Hz-250Hz

Saddlebags only

TourPak only or Saddlebags + TourPak

See step-by-step guide on back.

1 UPDATE SKYLINE OS

- A. Use a battery tender during setup to avoid “load shed” mode!
- B. Skyline OS version should end in at least xxx4125.
Go to **IFCU > Settings > System > System Info > Product Info > Skyline OS Version**: 260004125D (example)
- C. Software must be downloaded on a computer and transferred to a USB-C. Do not update Skyline OS via mobile device.
Do not use USB-A with adaptor.
- D. Visit www.h-d.com/infotainment-support for the latest version.

2 SET SKYLINE EQ

- A. Set EQ to H-D SIGNATURE:
- B. Go to **IFCU > Settings > Sound > Equalizer > H-D Signature**

3 INSTALL RF AUDIO

- A. Amplifier LED status:
 - 1. **RED**: Power on & ready mode.
 - 2. **BLUE**: Bluetooth connection active
 - 3. **GREEN**: A2B reading/connecting
- B. Verify Amplifier is recognized by Skyline OS:
 - 1. Go to **IFCU > Settings > Sound > Speaker Setup**.
 - 2. Prompt appears: “Audio will be disabled during speaker setup. Do you want to continue?” Tap YES.
 - 3. Under **Device Status**, verify “P&A TMA1000X4i A2B AMPLIFIER-1”
- C. Load Amplifier Tune in RF Connect:
 - 1. Install **RF Connect** on mobile device. Verify **Bluetooth is On**.
 - 2. Select **RF Connect > Add a Device > TMA-1000X4i**.
 - 3. Select **Tune Device > select HD24-STG2 or HD24-STG3 preset**. Wait for **Red LED** on top of amp to shut-off before proceeding.
 - 4. Turn-off motorcycle for 60 seconds, then turn-back on.

4 CUSTOM TUNE

- A. Enable the Custom Tune interface:
 - 1. Go to **RF Connect > Tune Device > Custom Settings**.
 - 2. Once rebooted, perform the **White Noise** test. Tap each speaker audibly producing white noise.
 - 3. Turn-off motorcycle for 60 seconds, then turn-back on.
- B. Create a Custom Tune and personalize the settings:
 - 1. Go to **RF Connect > Tune Device > Custom Settings**.
 - 2. Set **Level & Crossover** settings, then tap **Save A** or **Save B**.
 - 3. Turn-off motorcycle for 60 seconds, then turn-back on.
- C. Load the Custom Tune we just created:
 - 1. Go to **RF Connect > Tune Device > Custom Settings**.
 - 2. Tap **Load A** or **Load B**, then tap **Save A** or **Save B**.
 - 3. Turn-off motorcycle for 60 seconds, then turn-back on.

5 ENABLE SKYLINE FADER

- A. If Saddlebag or TourPak are factory equipped, Skyline OS will already have Fader.
- B. If Saddlebag or TourPak are newly added, the IFCU needs to be “tricked” into enabling the Fader.
 - 1. Verify software before starting:
 - a. **RF Connect: v4.0.3** (Support > App Version)
 - b. **TMA-1000X4i: v1.1.3**
 - 2. Go to **IFCU > Settings > Sound > Speaker Setup > Speaker Config** and select **Stage I, Stage II or Stage III** (does not matter) for Upper Fairing or Saddlebag.
 - 3. Select “**Start Test**”. **NOTE: No white noise will be heard!**
 - 4. In the IFCU, tap this sequence exactly:
Front Left > Front Right > Rear Left > Rear Right
 - 5. Turn-off motorcycle for 60 seconds, then turn-back on.
 - 6. Fader will now be functional.