



REBEL Series

Head Unit For

2014-2023 Harley-Davidson Touring Motorcycles



Model: RBHT14

Vehicle Coverage



Street Glide 2014 - 2023



Road Glide 2014 - 2023



Electra Glide 2014 - 2023



Ultra Limited 2014 - 2023



Tri Glide 2014 - 2023

Feature List

Core Hardware

- **Qualcomm Snapdragon 665 Platform (QCM6125)**
- **Android 13 Operating System**
- **8GB RAM + 128GB Storage**
- **8.25" High-Resolution LVDS Display**
- **Glove-Friendly Touchscreen**
- **IPX6 Water Resistance**
- **Shallow Chassis Design for External Amplifiers**

Connectivity

- **Wireless CarPlay / Android Auto**
- **Built-in eSIM Connectivity**
- **Internet Tethering**
- **Dual-Band Wi-Fi (2.4GHz & 5GHz)**
- **Hands-Free Calling**
- **Dual Bluetooth Connectivity for Helmets**

Feature List

Audio Features

- **6-Channel 4V RCA Pre-Outs**
- **Optical Audio Out**
- **Built-in DSP with EQ**
- **Built-in Pre-amp: Max 4x49W, RMS 4x29W**

Riding & Motorcycle Features

- **Built-in Gyroscope / Motorcycle Attitude Display**
- **G-Sensor Collision Wake-Up**
- **Built-in Compass**
- **TrackHU Ride Tracking Support**
- **Real-Time Weather Widget**
- **DriveChat AI Assistant**

Feature List

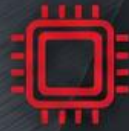
Camera & Recording

- **Front & Rear DVR Recording Support**
- **GPS Track Playback**
- **SCVC (Speed Compensated Volume Control)**

Additional Features

- **OTA Firmware Updates**
- **Google GMS Certified**
- **Vehicle-Specific Plug-and-Play Harness Included**
- **OEM Feature Retention**

Processor & Operating System



Qualcomm Snapdragon Octa-core Processor

High-performance octa-core architecture for smooth and powerful operation.



Operating System: Android 13

Latest Android 13 system for smarter, faster, and more secure performance.



Memory: RAM 8G + ROM 128G

8GB RAM for stable multitasking.
128GB ROM for ample storage.



Powerful Performance

Advanced chipset delivers faster response, lower power consumption, and reliable stability.



OEM Feature Retention



iDataLink Maestro RR or RR2



Vinland Plug & Play Harness

OEM FEATURE RETENTION

Seamless integration. Original experience. All the features you rely on.



FACTORY HANDLEBAR CONTROLS

Retains all OEM handlebar controls for a familiar and intuitive ride.



OEM AUDIO COMPATIBILITY

Works flawlessly with your bike's original sound system and speakers.



GAUGES

Displays all original gauge information with clarity and precision.



MOTORCYCLE INFORMATION

Access essential bike data including fuel range, battery, tire pressure, and more.



KEEP WHAT MATTERS

Preserve your bike's original features and functionality.



PLUG & PLAY INTEGRATION

Designed for seamless fit and hassle-free installation.



RELIABLE & STABLE

Engineered for performance you can count on.



RIDE WITH CONFIDENCE

All the original features. All the modern upgrades.

SHALLOW CHASSIS DESIGN

Shallow chassis design for easier installation and more convenient integration with external amplifiers and DSPs.



SHALLOW DESIGN

Optimized depth for easy fitment and clean integration.



EASY INSTALLATION

Simplified mounting and more installation options.



FLEXIBLE INTEGRATION

Optimized for external amplifiers and DSPs.



BUILT FOR THE RIDE

Rugged, reliable, and ready for every road.



COMPACT & SPACE-SAVING

Shallow design fits tight spaces, ideal for modern motorcycle setups.



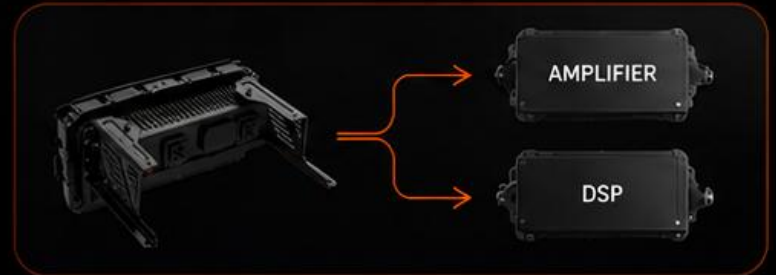
EASY INTEGRATION

More room for cable routing and seamless installation.



PERFECT FOR AMPLIFIERS & DSPs

Easier connection to external amplifiers and DSPs for ultimate audio performance.




PREMIUM AUDIO OUTPUTS


6 RCA Pre-outs (4V) + Optical Out




POWERFUL & FLEXIBLE AUDIO SYSTEM

 36-Band Equalizer

 8 EQ Presets

 SCVC (Speed Compensated Volume Control)

 M-master (Custom EQ Effect)

Optical Fiber Output

Coaxial RCA Output



CLEAN SIGNAL

4V RCA pre-outs deliver clean, low-noise audio.



EXTERNAL AMP READY

Perfect for powering external amplifiers and subwoofers.



TRUE AUDIO EXPERIENCE

High-fidelity output for immersive, stage-like sound.



BUILT-IN DSP & EQ

Powerful equalization and audio tuning.
Tune every detail. Feel every ride.

EQ COMP 36-Band Equalizer for Precision Sound Shaping

The EQ COMP interface features a sidebar with options: EQ GLOBAL, Fader & Bal Link, Crossover, EQ COMP (selected), and Time Delay. The main area is divided into three sections: FL/FR, RL/RR, and SUBL/SUBR. Each section contains 12 frequency sliders with values: 25, 40, 63, 100, 160, 250, 400, 630, 800, 1k, 1.6k, 2.5k, 4k, 6.3k, 10k, and 16k. The sliders are currently set to 0.

CROSSOVER Adjust Frequency & Slope for Perfect Integration

The CROSSOVER interface features a sidebar with options: EQ GLOBAL, Fader & Bal Link, Crossover (selected), EQ COMP, and Time Delay. The main area shows a frequency response graph with tabs for F, R, and USB. The graph shows a low-pass filter curve. Below the graph are controls for HPF (High Pass Filter) and LPF (Low Pass Filter) frequencies, and Slope for both. The HPF is set to 19438 Hz and the LPF is set to 20000 Hz. Both slopes are set to -12 dB.

FADER & BAL LINK Balance Front/Rear & Left/Right with Ease

The FADER & BAL LINK interface features a sidebar with options: EQ GLOBAL, Fader & Bal Link (selected), Crossover, EQ COMP, and Time Delay. The main area shows a motorcycle diagram with a red dot indicating the center. To the right of the diagram are controls for Left-Right (0), Front-Rear (0), Loudness (toggle on), and Fader Bal Link (toggle off). A Center button is located at the bottom.


TIME DELAY Fine-Tune Audio Timing for a Perfect Stage

The TIME DELAY interface features a sidebar with options: EQ GLOBAL, Fader & Bal Link, Crossover, EQ COMP, and Time Delay (selected). The main area shows a motorcycle diagram with a red dot indicating the center. To the left and right of the diagram are controls for time delay in centimeters, milliseconds, and inches. The controls are for F/L, R/L, SUBL, F/R, R/R, and SUBR, all set to 0.00.

 **36-BAND EQ**
Detailed tuning for every frequency.

 **CROSSOVER**
Precise control for perfect integration.

 **TIME ALIGNMENT**
Accurate staging for immersive sound.

 **SYNC & LINK**
Seamless balance across all speakers.



Advanced Display Technologies



8.25" QLED DISPLAY

Vivid colors, deep contrast and wide viewing angles.



1000 NITS BRIGHTNESS

Ultra-bright screen ensures clear visibility even in direct sunlight.



GLOVE TOUCH

Optimized capacitive touch for accurate response even with gloves on.



IPX6 WATERPROOF

Built to withstand the harshest riding conditions. Dustproof and protected against powerful water jets.



1000 NITS
BRIGHTNESS



GLOVE
TOUCH



IPX6
WATERPROOF

Front & Rear Recording System

DUAL RECORDING, ALL-AROUND PROTECTION

Record front and rear simultaneously for comprehensive coverage and real-time evidence.



BUILT FOR HARLEY RIDING



IP67 Waterproof & Dustproof



Durable Metal Housing



Sturdy Mount No Vibration



Harley-Specific Connector



Plug & Play Easy Installation

1080P

1080P Full HD Recording



150° Wide Viewing Angle



Super Night Vision



IP67 Waterproof & Dustproof



Loop Recording



Ride with Confidence



Capture Every Moment



Protect What Matters



Your Ride, Your Evidence



OTA OVER-THE-AIR UPDATE

Keep Your Harley, Always Up to Date.



WIRELESS UPDATES, SEAMLESS EXPERIENCE

With OTA (Over-The-Air) updates, your system stays current with the latest features, improvements, and security enhancements—automatically.



EASY & CONVENIENT

Updates delivered wirelessly. No cables, no hassle.



ALWAYS IMPROVED

Get the latest features, performance boosts, and bug fixes.



SECURE & RELIABLE

Stable and verified updates ensure a safe and reliable riding experience.



SMART & AUTOMATIC

Update when connected to Wi-Fi. You'll be notified when it's ready.



NEW FEATURES • PERFORMANCE BOOSTS • SECURITY ENHANCEMENTS

Specifications

Operating System	Android 13
Processor	CPU: Qualcomm SM6125 8-Core GPU: Qualcomm Adreno™ GPU 610
Memory Storage	RAM 8G + ROM 128G
Display Screen	QLED 1280*720 Touchscreen, Brightness: 1000 nits
Download Apps	Google Play Store
Wi-Fi	Bands: 2.4GHz, 5GHz; Wi-Fi Hotspot 2.0
Bluetooth	Dual Bluetooth; Version: Bluetooth 5.0; Supported Codecs: aptX, aptX HD
CarPlay/Android Auto	Wireless
Internet Connection	4G LTE, Wi-Fi Hotspot
Built-in Amplifier/DSP	Max 4x49W, RMS 4x29W;
DSP& EQ	36 bands EQ; 8 Presets; Time Correction; Crossover

Specifications

Radio	FM (65-108MHz); AM (522-1710KHz); RDS Decoder; Stereo Audio DAC
Supported Audio Format	Supported Audio Format: WAV, MP3, MP2, FLAC, APE, AAC
Supported Video Format	1080p@30fps - MPEG-4 1080p@ 30fps - MPEG-2 1080p@30fps - VP8/VP9 1080p@30fps - HEVC /H.265 720p@ 30fps
Inputs/Outputs	1 x USB1 Recording Storage; 1 x USB2 External Storage
	6 x RCA Pre-outs: Front / Rear / Sub (4V/10kΩ):
	1 x SPDIF optical output (TOSLINK), 1 x Coaxial RCA Output.
	1 x Front DVR Camera Input, 1 x Rear DVR Camera Input

Warranty Process



Order Support

For questions about orders, shipping or general product availability.

Phone: (800) 874-5207

Email: sales@vinlandonline.com

Technical Support

For help with installation, compatibility, features, or troubleshooting.

Phone: (888) 270-0034

Email: support@vinlandonline.com