

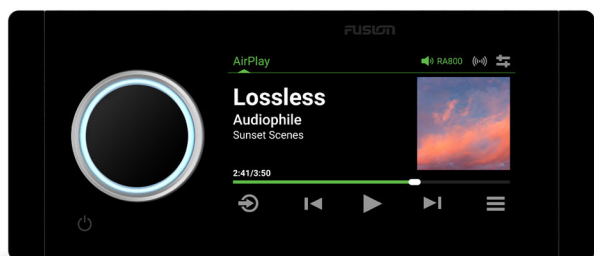
FUSION APOLLO™ MS-RA800

MARINE STEREO



PRODUCT OVERVIEW

Amplify the moment with RA800 — the most advanced Fusion Apollo marine stereo to date. It features an elegant new look and a faster, more powerful processor to support high-resolution lossless audio and Wi-Fi® connectivity for seamless AirPlay® audio streaming from Apple®. Plus, the unit's Class-D internal amplifier boasts 50% more onboard power output than its acclaimed RA770 predecessor. And with stereo networking via Ethernet or Wi-Fi, you can connect multiple Apollo Series stereos to share audio sources across multiple listening zones on your boat. The sleek black glass source unit features weather-resistant IPX6- and IPX7-rated construction and is flush mountable to blend seamlessly with other modern electronics at your helm. Wired networking capabilities using the NMEA 2000® network let you integrate stereo control with compatible chartplotters and MFDs on board. Plus, the unit's wireless capabilities offer remote audio control via compatible smart devices and Garmin smartwatches along with over-the-air software updates via the Fusion® Audio app.



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KEY FEATURES

HIGH-RESOLUTION LOSSLESS AUDIO

NEW

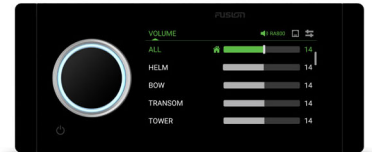
The RA800 marine stereo's lossless codecs, supported by Wi-Fi® technology, achieves high-resolution audio performance offering superior sound separation and clarity.



MORE POWERFUL INTERNAL AMP

NEW

The unit's upgraded internal amplifier produces 50% more power output than its predecessor RA770 model for improved audio clarity in open-air marine environments.



SLEEK MODERN LOOK

NEW

With its sleek, edge-to-edge glass faceplate designed to blend in seamlessly with new-generation marine electronics, Fusion Apollo RA800 brings a clean, modern aesthetic to your helm.

FASTER PROCESSOR

NEW

A faster processor provides quicker response times for the system's user interface, with 8 times more processing speed than its predecessor RA770 stereo.

AUDIO STREAMING

IMPROVED

Built-in Wi-Fi connectivity for AirPlay® audio streaming from Apple®, combined with multiple-input multiple-output (MIMO) technology, offers an enhanced listening experience with seamless high-quality audio streaming.

STEREO NETWORKING

Connect your RA800 marine stereo with other Apollo Series stereos to create a network on board your boat; enjoy advanced features, including stereo grouping, combined volume control, power options and home zone control.

HIGHER-RESOLUTION DISPLAY

IMPROVED

The unit's high-resolution 4.3" LCD touchscreen display offers notable improvements in image sharpness, color saturation, viewing angles and readability in bright daylight.

RUGGED DESIGN

Built on the True-Marine™ design philosophy from Fusion®, the unit's IPX6- and IPX7-rated water-resistant front face has been tested to a high level of protection against salt fog, temperature, vibration and UV exposure.

QUICK SWITCH

With the same size and form factor as its predecessor unit, the Fusion Apollo RA800 marine stereo offers an easy plug-and-play upgrade for 12- or 24-volt installations.

MULTIPLE SOURCE OPTIONS

Multiple source options include an AM/FM radio, BLUETOOTH® connectivity, AUX inputs, USB connections and available built-in DAB+ radio tuner.

MFD NETWORKING

Network your Fusion Apollo RA800 stereo with a compatible Garmin MFD for integrated audio control at the helm; or wirelessly control your stereo from a compatible Garmin smartwatch or other smart device.

OVER-THE-AIR SOFTWARE UPDATES

Easily keep your stereo up to date with the latest features via over-the-air software updates.

WARRANTY

Count on marine-grade reliability, backed by a 3-year Garmin warranty.

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PHYSICAL SPECIFICATIONS

| | | |
|------------------------|--|---|
| General Specifications | Physical dimensions (height) | 3.23" (82 mm) |
| | Physical dimensions (width) | 7.56" (192 mm) |
| | Physical dimensions (depth) | 4.7" (119.4 mm) |
| | Weight | 1.37 lbs (620 g) |
| | Control surface dust/water rating (when properly installed) | IPX6 and IPX7 |
| | Rear dust/water rating (when properly installed) | IPX3 |
| | Operating temperature range | -20 to 70° C |
| | Current draw (max) | 25 A at 14.4 V; 15 A at 28.8 V |
| | Warranty | 3 years |
| Networking | NMEA 2000 LEN | 2 (65 mA) |
| | BLUETOOTH® wireless range | up to 30' |
| | ANT® wireless range | Up to 10' |
| | Wireless frequencies/protocols | WiFi® 2.4GHz : +12dBm nominal MIMO 2 x 2 BLUETOOTH: 2.4 GHz @ +10 dBm nominal ANT: 2.4 GHz 0 dBm nominal |
| Audio | Rated continuous (RMS) power (14.4 V input @ 4 ohm < 1% THD) | 40 W x 4 |
| Electrical Features | Power Input | 10.8 – 32 VDC |
| | Compass-safe distance | 5.9" (150 mm) |
| Stereo Features | Display size | 4.3" (109 mm) |
| | Display type | Capacitive touchscreen color LCD |
| | Display resolution | 800 x 480 |
| | Optically bonded display | Yes |
| | Built-in amplifier | Class D (4 Ω) |
| | Built-in Wi-Fi® | Yes |
| | Built-in Digital Signal Processing (DSP) | yes (with custom DSP profile setup using Fusion-Link™ app) |
| | Stereo networking | Yes (wired or wireless) |
| | Fusion-Link control | Yes (MFD, smart device and Garmin watch) |
| | Multi-Zone™ technology | 4 Zones |
| | BLUETOOTH® wireless technology | Yes (BLUETOOTH 5.3) |
| | ANT® wireless technology | Yes |
| | Multilanguage interface | Bulgarian, Chinese (Simplified), Chinese (Traditional), Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (BR), Portuguese (PT), Slovenian, Spanish, Swedish, Thai, Turkish |
| | Software updates | Over-the-air updates via Fusion-Link app (when connected to wireless network router)/USB |
| Sources | Supported sources | AM, FM, BLUETOOTH, Apple AirPlay® 2, HDMI ARC, USB audio, iPhone®, iPod®, AUX x2 |
| | Supported audio formats (USB) | MP3, AAC, M4A, FLAC, WAV |
| Connections | Auxiliary inputs (RCA) | 2 |
| | HDMI ARC ports | 1 |
| | Ethernet ports | 1 |
| | NMEA 2000® ports | 1 |
| | USB 2.0 ports | 1 (USB-C®) |
| | AM/FM ports (Motorola antenna connector) | 1 |
| | Speaker connections | 4 (2 zone amplified) |
| | RCA pre-out (left, right and subwoofer; requires external amplification) | 4 Zones |
| | Line out (requires external amplification) | 4 (L + R per zone) |
| | Subwoofer out (requires external amplification) | 4 (1 mono output per zone) |