Fusion is passionate about enhancing your time on the water. Our determination to continually innovate has brought the integration of touchscreens to marine stereos, along with Wi-Fi® audio streaming, Apple AirPlay® 2, PartyBus™-Network and advanced Digital Signal Processing. With the launch of the award-winning Apollo™ Series and its many industry and world-first features and innovations, Fusion has yet again set a new benchmark for marine audio entertainment. A commitment to quality, high performance and brilliant audio on the water – it’s what we do best.

Based in Auckland, New Zealand, Fusion is founded on New Zealand’s trademark “Kiwi” determination, ingenuity and passion for life on the water. First hand experience with the ocean and great outdoors has provided a solid understanding of what it really takes to be a successful marine entertainment manufacturer. It’s this experience and passion that is at the core of everything that we do.

A Garmin brand since 2014, Fusion continues to grow from strength to strength, developing and delivering world-class marine audio entertainment systems that have become integral to excellent boating experiences all around the world.

Fusion is committed to bringing you excellent on-water audio entertainment experiences – Friends, Family, Fusion.
THE INDUSTRY AWARD-WINNING FEATURES OF THE APOLLO™ SERIES

**FUSION® DIGITAL SIGNAL PROCESSING**
The power of Fusion DSP optimizes music playing in each audio zone on your boat, providing premium audio delivery to all Fusion speakers, subwoofers and amplifiers in any environment.

**PARTYBUS™-NETWORK**
The audio distribution network of the future from Fusion, PartyBus is engineered for those who value the freedom of musical choice, and the freedom to play what they want, where they want.

**HIGH-QUALITY AUDIO VIA Apple AirPlay® 2**
The world’s first marine stereo series to bring you seamless high-quality audio streaming from your favorite music app via Apple AirPlay 2® over Wi-Fi from a compatible Apple® device.

**MORE SOURCE OPTIONS READY THAN EVER BEFORE**
Take advantage of the many source options the Apollo Series has to offer, including BLUETOOTH®, Apple AirPlay 2®, UPnP®, Optical Audio®, Advanced SiriusXM® Ready features®, DAB+ Ready®, AM/FM radio, AUX® and USB®.

**THE WORLD’S FIRST MARINE WI-FI® STEREO**
Wi-Fi audio streaming provides high-quality audio with a faster data transfer rate in comparison with BLUETOOTH®. PartyBus over Wi-Fi allows for quick and simple network setup.

**OVER-THE-AIR SOFTWARE UPDATES**
Over-the-air software updates are now available from your compatible device via the free Fusion-Link app, making the Apollo Series intelligently simple and always up to date.

**ONE-PIECE GLASS TOUCH DISPLAY**
The Apollo RA770 is the future of audio entertainment. Trying to locate the right button is a thing of the past – simply tap the screen to pause and play, or swipe through your playlist to your favorite song.

**FUSION-LINK™ CONNECTIVITY**
Fusion-Link is a widely adopted protocol for on-water audio integration and control. It enables you to control the entertainment right from partnered marine multifunction displays, compatible devices and Garmin watches.

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1 Available on the MS-RA670 / MS-WB670 when connected via Ethernet to a wireless network router (sold separately), Garmin MFD or Apollo Series stereo network enabled with Wi-Fi technology. 2 Not available on MS-SRX400.
DSP TECHNOLOGY

SUPERIOR SOUND QUALITY IN EVERY ENVIRONMENT

A technically superior listening experience made simple with Fusion® DSP, it optimizes the audio signal delivered to your Fusion system to produce superior sound quality at all volume levels, in every listening environment.

Distortion is now a thing of the past with Fusion DSP. The power is in the real-time optimization and processing of the signal matched with the revolutionary technology built into our products, creating a premium audio entertainment experience unprecedented in the marine environment.

SYSTEM APPROACH

Our system approach ensures every step of the audio chain is optimized through calculations by our audio engineers to deliver a technically superior listening experience – no technical knowledge needed.

FROM THE KICK DRUM TO YOUR EARDRUM, FUSION DSP REPRODUCES YOUR MUSIC IN THE QUALITY THE MUSICIANS INTENDED.

FEED-FORWARD LIMITER

The sophisticated feed-forward limiter anticipates a peak in the audio and adjusts the gain to ensure a drastic minimization in potential distortion.

VOLUME EQUALIZER

The powerful DSP chip monitors the music playing and adjusts loudness curves to ensure a quality audio experience at every volume level.

PRECONFIGURED PROFILES

Our engineers have developed custom profiles for each Fusion speaker, subwoofer and amplifier, ensuring clear and consistent audio delivery across the whole frequency spectrum.

ENVIRONMENTAL TUNING

Using environmental information, Fusion DSP adjusts the audio signal to ensure optimized audio delivery customized to each zone for a premium audio entertainment experience.

Note: The Fusion-Link™ app is required for setup.

dB

with Environmental Profile
with DSP Profile
without DSP

SOUND SPECTRUM
PARTYBUS™-NETWORK

PARTYBUS GIVES THE FREEDOM OF MUSICAL CHOICE ACROSS THE ENTIRE BOAT

The power of the PartyBus-Network kicks in when you add more Apollo™ Series stereos to your entertainment system. We have introduced a new intuitive user experience for the Apollo Series that allows for easy navigation of your entire boat’s audio network, making control of your audio and sources a seamless experience. Key functionalities include Stereo Grouping, Volume Control, Power Options and Home Zone.

The Apollo RA770 and SRX400 are the world’s first marine stereos designed with built-in Wi-Fi®, so you can wirelessly connect multiple Apollo Series stereos without running any cables, reducing installation time, cost and complexity. The Apollo RA670 and WB670 connect into the PartyBus-Network via Ethernet. Simply connect it to a wireless network router (Wi-Fi network), Garmin MFD or an Apollo Series stereo network enabled with Wi-Fi technology.

NEW INTUITIVE USER EXPERIENCE

STEREO GROUPING
Grouping allows you to link up multiple Apollo Series stereos connected to the same network and play the same audio source1 synchronized across all stereos. Multiple groups can be created for a personalized audio entertainment experience.

VOLUME CONTROL
Scroll through available zones on your boat and enjoy independent volume control to customize your listening experience, or select ALL volume to adjust a group of stereos at once.

POWER OPTIONS
The power options allow you to turn on any connected Apollo Series stereo on the PartyBus-Network remotely from another Apollo Series stereo.2

HOME ZONE
The Home Zone3 is the physical zone on board your boat where the stereo is installed. After adjusting audio in another zone, the stereo or remote will default back to audio control of the Home Zone after a period of inactivity.

1 Apollo SRX400 sources are not shared on the network. 2 The stereo must be in standby mode and have power connected. 3 The Home Zone is manually assigned by the user in the Settings menu.
A typical system setup will have an Apollo RA770 installed in the helm and an SRX400 installed in the cabin of the boat, connected via Wi-Fi. Once connected, you will have created a PartyBus™ Network between the two Apollo Series stereos. Now you will be able to play the same audio source, perfectly in sync across the entire boat to really get the party started.

To unleash the power of the PartyBus™ Network, you can connect multiple Apollo Series stereos via an external wireless network router or Garmin MFD to gain Wi-Fi® capabilities, enabling you to control the entire boat’s entertainment right from your fingertips.

AN UNPRECEDENTED MARINE AUDIO ENTERTAINMENT EXPERIENCE FOR YOUR BOAT

A typical system setup will have an Apollo RA770 installed in the helm and an SRX400 installed in the cabin of the boat, connected via Wi-Fi. Once connected, you will have created a PartyBus™ Network between the two Apollo Series stereos. Now you will be able to play the same audio source, perfectly in sync across the entire boat to really get the party started.

1Garmin MFD must be running latest software version that supports Ethernet connectivity

*Apollo SRX400 sources are not shared on the RA770
Wi-Fi audio streaming, a marine industry first, blows BLUETOOTH® audio streaming out of the water so you can sit back and enjoy higher quality audio.

You can finally enjoy the convenience and quality of Wi-Fi audio streaming via Apple AirPlay® 2 and UPnP on board.* The Apollo™ Series marine stereos are the world’s first to harness the power of Apple AirPlay 2 and Wi-Fi to provide the quality of sound you deserve on the water.

Now with Apple AirPlay 2, you can stream the same audio to every compatible Apollo stereo connected to the same network and enjoy high-quality audio synchronized across the entire boat with volume control individually or globally.

The convenience of over-the-air software updates* is now available from your compatible smartphone or device, via the free Fusion-Link™ app. The Apollo Series is simple and easy to keep up to date.

The world’s first marine stereos to bring you seamless high-quality audio streaming via Apple AirPlay® 2 and UPnP.

Wi-Fi vs. Bluetooth
At Fusion® we’re passionate about innovating and delivering you a world-class marine audio experience, which is why we have introduced a marine industry first Wi-Fi audio streaming for our Apollo Series stereos.

Setting the standards of the future
BLUETOOTH has been the industry standard for wireless audio streaming and has done an excellent job so far; however, with the development of technology, newer and more advanced options such as Wi-Fi are now available. Wi-Fi doesn’t compress your audio files, meaning the original quality of the audio is preserved. Wi-Fi also has increased data transfer rate and range, meaning you will get superior audio signal transmission from your device to the Apollo Series stereos.

Higher-quality audio experience
All Fusion stereos will still support BLUETOOTH, however we believe that Wi-Fi audio streaming is the future industry standard, delivering a higher-quality audio experience out on the water that is unparalleled in marine entertainment.

*Available on the MS-RA670 / MS-WB670 when connected via Ethernet to a wireless network router (sold separately) or Apollo Series stereo network enabled with Wi-Fi technology.
**EASY-TO-INSTALL DSP PROFILES FROM YOUR COMPATIBLE DEVICE**

Setting up your Digital Signal Processing profiles is made simple with the free Fusion-Link app. With just a few clicks, you can set up the preconfigured DSP profiles once and get back to enjoying what you love on the water, while listening to high-quality audio customized for your ears and the environment. Download the free Fusion-Link remote control app for BLUETOOTH® and Wi-Fi® from the App Store® or Google Play™ and enjoy the freedom of wireless control from your compatible device.

Adding a new DSP profile is easier than ever before. Just follow the 3-step process to configure your entertainment system for a technically superior listening experience.

1. Select the audio zone you want to configure.
2. Select the connected Fusion® speakers, amplifiers and/or subwoofers.
3. Select the listening environment and enjoy the power of Fusion DSP.

**THE MARINE ENTERTAINMENT STANDARD**

Fusion-Link is the protocol for on-water audio integration and control. It enables partnered marine multifunction displays (Garmin, Simrad, Raymarine, Furuno, Lowrance, B&G, Humminbird), compatible devices and Garmin watches to control the entertainment right from your fingertips.

**ENTERTAINMENT CONTROL DIRECTLY FROM YOUR WRIST**

Control the entertainment right from your Garmin watch with the Fusion-Link Lite app. Download the Fusion-Link Lite app for free from the Connect IQ™ app to enable wireless control via ANT® technology from your compatible Garmin watch.

- Volume control
- Play/pause/skip
- Source selection
- Zone naming
- Software updates directly from your compatible device
- Quick access to product support and resources
- DSP profile settings
- Zone EQ settings

**FUSION-LINK™**

**THE MARINE ENTERTAINMENT STANDARD**

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**ENTERTAINMENT CONTROL DIRECTLY FROM YOUR WRIST**

Control the entertainment right from your Garmin watch with the Fusion-Link Lite app. Download the Fusion-Link Lite app for free from the Connect IQ™ app to enable wireless control via ANT® technology from your compatible Garmin watch.

- Volume control
- Play/pause/skip
- Source selection
- Zone naming
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**ENTERTAINMENT CONTROL DIRECTLY FROM YOUR WRIST**

Control the entertainment right from your Garmin watch with the Fusion-Link Lite app. Download the Fusion-Link Lite app for free from the Connect IQ™ app to enable wireless control via ANT® technology from your compatible Garmin watch.

- Volume control
- Play/pause/skip
- Source selection
- Zone naming
- Software updates directly from your compatible device
- Quick access to product support and resources
- DSP profile settings
- Zone EQ settings

**FUSION-LINK™**

**THE MARINE ENTERTAINMENT STANDARD**

Fusion-Link is the protocol for on-water audio integration and control. It enables partnered marine multifunction displays (Garmin, Simrad, Raymarine, Furuno, Lowrance, B&G, Humminbird), compatible devices and Garmin watches to control the entertainment right from your fingertips.

**ENTERTAINMENT CONTROL DIRECTLY FROM YOUR WRIST**

Control the entertainment right from your Garmin watch with the Fusion-Link Lite app. Download the Fusion-Link Lite app for free from the Connect IQ™ app to enable wireless control via ANT® technology from your compatible Garmin watch.
The True-Marine design philosophy from Fusion® stems from our collective experience confronting harsh marine and outdoor environments. With True-Marine accreditation, you can be assured that each product is engineered from the ground up, specifically to last the test of time on your boat. Not only a measure of our quality, True-Marine accreditation has become a measure for others in our industry to aspire to.

To gain True-Marine status, all our products undergo extensive testing above and beyond industry standards to prove their suitability for long-term use in harsh marine conditions. All True-Marine stereos, speakers, subwoofers, amplifiers, media docks and wired remote controls are Ingress Protection (IP) rated to appropriate industry standards to prove their resistance to water and dust ingress. As industry leaders, however, we understand that water and dust are only 2 of the elements that products face on the water. This is why we also test to a higher level for salt fog, temperature, vibration and UV protection – all important factors for durability to ensure your products will perform reliably season after season on board.

Fusion introduced Multi-Zone technology to the marine industry more than 10 years ago, giving you the freedom to independently control the music in up to 4 separate zones on board. Adjust the balance, subwoofer and volume levels, with each zone able to be named for quick zone identification, providing a simple, quick and easy way to control the audio in each zone of your boat.

Easy adjustment of each zone can be achieved both individually or collectively from your stereo, Fusion-Link™ wired multifunction display or Fusion-Link app. Alternatively, you can install an MS-ERX400 wired remote in any audio zone for hardwired local control.
Fusion-Link makes control of your on-water entertainment easier than ever. Quickly find your favorite song, tune in to sports or turn up the volume all from your partnered multifunction display (MFD).

Fusion-Link is a widely adopted protocol for on-water audio integration, supported by the world’s leading electronics manufacturers (Garmin, Simrad, Raymarine, Furuno, Lowrance, B&G, Humminbird) and trusted by the industry’s most prestigious boat builders. Enabling partnered MFDs to interface with and control selected functions of the sophisticated Fusion® audio interface, Fusion-Link makes it simple and convenient to control your onboard audio entertainment.

Wirelessly control your onboard entertainment right from your fingertips via BLUETOOTH® or Wi-Fi® with the free Fusion-Link app. Simply download the app from the App Store® or Google Play™ to connect to your stereo and enjoy control via the Fusion-Link app from your compatible Apple® or Android™ device.

Control your entertainment right from your wrist with the Fusion-Link Lite app and your compatible Garmin watch. Download the free Fusion-Link Lite app from the Garmin Connect IQ™ app to enable wireless control via ANT® technology from your compatible Garmin watch.
The impedance of a speaker is measured in ohms. This relates to the load presented to an amplifier when connected and determines how much power the amplifier can provide.

Multiple mounting options are available for different Fusion products, with options to flat mount, flush mount, surface mount or bail mount, depending on your installation requirements.

The number of line outs, sub outs or channels for a Fusion stereo or amplifier can be configured for a customized audio entertainment solution for your boat.

The peak power output rating for each product reflects the maximum power in watts that a product can produce to drive your entertainment system.

The impedance of a speaker is measured in ohms. This relates to the load presented to an amplifier when connected and determines how much power the amplifier can provide.

Ingress protection ratings (IPX) reflect the level of protection each product has against water and dust ingress, giving you peace of mind season after season when out on the water.

The latest product design and engineering brings superior performance to each product.

An amplifier’s technology covers the class and output specifications, including RMS power per channel and minimum speaker impedance.

Different cone materials are used to best suit the speaker design and target environment to produce professional quality sound.
Display

Easy to read, even in direct sunlight, our displays are available in touchscreen, color, and black and white LCD options with or without optical bonding, and in varying sizes dependent on each model.

LED LIGHTING

Enhance your onboard entertainment experience with ambient LED lighting. RGB and industry-first CRGBW speaker lighting options are available within our range of speakers and subwoofers to suit the aesthetics of your boat.

SOURCES

Our wide range of available audio sources lets you enjoy high-quality audio whichever way you choose.

COMPATIBLE WITH APPLE® PRODUCTS

Sit back and enjoy your favorite music from the latest Apple devices through your compatible Fusion stereo.

Find device compatibility in the product manuals.
MARINE STEREO UNITS

APOLLO™ SERIES
- MS-RA770
- MS-RA670
- MS-WB670
- MS-SRX400

MARINE STEREOS
- RA70 Series
- MS-RA210
- MS-BB100
- MS-RA55
Building on the industry recognized True-Marine™ design philosophy from Fusion®, the new Apollo Series led by the Apollo RA770 takes marine audio entertainment to the next level. Through creative design and technological brilliance, we’ve created a purpose-built marine audio entertainment system featuring many world-firsts, including many innovations you are used to at home. Tap and swipe your way intuitively through your playlists with the glass touchscreen display, even with wet fingers, and enjoy high-quality music all day long with Wi-Fi® streaming using Apple AirPlay® 2 or UPnP.

Enjoy the freedom of total control with PartyBus™-Network, along with the freedom to customize your audio to your listening preferences with DSP technology.

INSPRED BY APOLLO, THE GOD OF MUSIC
The Apollo™ RA770 harnesses the power of Fusion® DSP, letting you optimize each audio zone on your boat with your Fusion speakers, for premium listening in any environment. From the kick drum to your eardrum, Fusion DSP reproduces your music in the quality the musicians intended.

Enjoy the clarity and premium quality of Wi-Fi® audio streaming in a world-first for marine stereos, including the convenience of Apple AirPlay® 2 and UPnP. Designed with Wi-Fi on board, the Apollo RA770 and SRX400 can also be connected without running any wires — reducing installation time, cost and complexity.

The power of PartyBus™-Network enables you to group multiple Apollo Series stereos connected to the same network and play the same audio source in sync across the entire boat. You will be able to adjust the source and volume of each individual stereo and group for a personalized listening experience on board.

**KEY FEATURES**

- Custom audio profiles for each zone in your boat to deliver higher quality audio
- Enjoy the freedom of musical choice onboard with PartyBus-Network
- Over-the-air software updates from your compatible device via the free Fusion-Link™ app
- Wi-Fi audio streaming via Apple AirPlay 2 and UPnP
- 4.3” touchscreen with play, pause and skip functions using touch display commands
- Control of your tunes from a compatible multifunction display, compatible device or Garmin watch
- Multi-Zone™ technology control of 4 separate audio zones
- IPX6 and IPX7 Ingress Protection rating
- Class-D amplifier design for higher efficiency and output
- 280-watt peak power
- 2 ohm stereo stable for wiring up to 2x 4 ohm speakers per channel
The Apollo RA670 inherits key audio innovations and technological brilliance from the award-winning Apollo RA770, reembodied in a more compact form factor. It features a brilliant, optically bonded, full-color LCD display; Fusion® DSP technology for a technically superior listening experience and system protection; Fusion-Link® integration and control from compatible MFDs, smart devices and Garmin watches; Multi-Zone™ control of up to 3 audio zones; Apple AirPlay® 2 and PartyBus™ Network capabilities when connected to a Wi-Fi® or Apollo network. The Apollo RA670 is truly a powerful extension of the Apollo Series.
The Apollo™ RA670 harnesses the power of Fusion® DSP, letting you optimize each audio zone on your boat with your Fusion speakers for premium listening in any environment. From the kick drum to your eardrum, Fusion DSP reproduces your music in the quality the musicians intended.

The power of the PartyBus™-Network enables you to group multiple Apollo Series stereos connected to the same network and play the same audio source in sync across the entire boat. Adjust the source and volume of each individual stereo and each group for a personalized listening experience on board.*

Enjoy the clarity and quality of Wi-Fi® audio streaming and Apple AirPlay® 2 capabilities, for a seamless, more integrated audio entertainment experience, along with over-the-air software updates, allowing you to keep your system up to date with the latest features with convenience.*

With optical audio input capability, you can now enjoy audio from your TV through the Apollo RA670 system, recreating a home-theater experience on your boat.

**KEY FEATURES**

The Apollo RA670 harnesses the innovation of the Apollo Series delivering a world-class audio entertainment experience featuring:

- Custom audio profiles for each zone in your boat to deliver higher quality audio
- Enjoy the freedom of musical choice on board with PartyBus-Network*
- Over-the-air software updates* from your compatible device via the free Fusion-Link™ app
- Optically bonded 2.7” color display
- Control of your tunes from a compatible multifunction display, compatible device or Garmin watch
- Multi-Zone technology control of 3 separate audio zones
- IPX6 and IPX7 Ingress Protection rating for performance season after season
- Custom audio profiles for each zone in your boat to deliver higher quality audio
- Enjoy the freedom of musical choice on board with PartyBus-Network*
- Over-the-air software updates* from your compatible device via the free Fusion-Link™ app
- Optically bonded 2.7” color display
- Control of your tunes from a compatible multifunction display, compatible device or Garmin watch
- Multi-Zone technology control of 3 separate audio zones
- IPX6 and IPX7 Ingress Protection rating for performance season after season
- Class-D amplifier design for higher efficiency and output
- 280-watt peak power
- 2 ohm stereo stable for wiring up to 2x 4 ohm speakers per channel

* Available when connected via Ethernet to a wireless network router (sold separately) or Apollo Series stereo network enabled with Wi-Fi technology.
APOLLO™ WB670 IS THE EMBODIMENT OF AWARD-WINNING AUDIO INNOVATION IN A DISCREET FORM FACTOR

SUPERIOR AUDIO IN A PREMIUM HIDEAWAY STERO

Designed to occupy no dash space at the helm – the new Apollo WB670 is a premium hideaway stereo that inherits key audio innovations and technological brilliance from the Apollo RA670. Reengineered in a compact, space-saving form factor, it allows for installation in places like storage lockers, inside helm consoles and other concealed compartments.

Featuring Fusion® DSP technology for a technically superior listening experience, enhanced PartyBus™-Network capabilities, Fusion-Link™ integration and control from compatible MFDs, smart devices and Garmin watches, and Multi-Zone™ control of up to 3 audio zones, the Apollo WB670 is the ideal system when dash space is a premium. When the Apollo WB670 is connected to a Wi-Fi® or Apollo network, you can enjoy Wi-Fi audio streaming with Apple AirPlay® 2 and over-the-air software updates.
The Apollo WB670 harnesses the innovation of the Apollo Series redesigned in a premium hideaway form factor featuring:

- **Class-D amplifier design for higher efficiency and output**
- **2 ohm stereo stable for wiring up to 2x 4 ohm speakers per channel**
- **Over-the-air software updates* from your compatible device via the free Fusion-Link™ app**
- **Multi-Zone technology control of three separate audio zones**
- **Control your tunes from a compatible multifunction display, compatible device or Garmin watch**
- **Compact design to save space on board**
- **280-watt peak power**
- **Custom audio profiles for each zone in your boat to deliver higher quality audio**
- **Over-the-air software updates* from your compatible device via the free Fusion-Link™ app**
- **Multi-Zone technology control of three separate audio zones**
- **Control your tunes from a compatible multifunction display, compatible device or Garmin watch**
- **Compact design to save space on board**
- **Class-D amplifier design for higher efficiency and output**
- **280-watt peak power**
- **2 ohm stereo stable for wiring up to 2x 4 ohm speakers per channel**

* Available when connected via Ethernet to a wireless network router (sold separately) or Apollo Series stereo network enabled with Wi-Fi technology.

**Invictus GT280 S**

The Apollo™ WB670 harnesses the power of Fusion® DSP, letting you optimize each audio zone on your boat with your Fusion speakers for premium listening in any environment. From the kick drum to your eardrum, Fusion DSP reproduces your music in the quality the musicians intended.

The power of the PartyBus™ Network enables you to group multiple Apollo Series stereos connected to the same network and play the same audio source in sync across the entire boat. Adjust the source and volume of each individual stereo and each group for a personalized listening experience on board.*

Enjoy the clarity and quality of Wi-Fi® audio streaming and Apple AirPlay® 2 capabilities, for a seamless, more integrated audio entertainment experience, along with over-the-air software updates allowing you to keep your system up to date with the latest features with convenience.*

Enjoy full control of your Apollo WB670 by connecting to an Apollo ERX400 wired remote via Ethernet, or alternatively for a more streamlined system, you can control the Apollo WB670 on compatible Garmin MFDs via an Ethernet or NMEA 2000® connection.
With PartyBus-Network, enjoy synchronized music from one source throughout your boat, or the freedom to choose different sources in every area. Make the most of crisp, clear high-quality music with Wi-Fi streaming using Apple AirPlay 2 or UPnP, allowing you to enjoy audio streaming with minimal quality loss. With Fusion® advanced DSP technology, the Apollo SRX400 delivers a technically superior listening experience, without the need for you to have any technical understanding. The Apollo SRX400 is a perfect combination of compact design and superior sound.
The Apollo™ ERX400 Remote combines innovative design with intuitive audio control

Sleek, compact and easy to install, the new Apollo ERX400 wired remote control allows you to add intuitive and integrated audio control to any zone on board your boat. Featuring premium design aesthetics, including a 2.7" optically bonded color LCD and a black front face, controlling your onboard audio entertainment has never looked this good.

**KEY FEATURES**

- Optically bonded 2.7" color display
- Flat, flush, surface mounting options available
- IPX6 and IPX7 ingress protection rating
- Intuitive user experience for quick and easy adjustment of your audio
- Connects to your compatible Fusion® stereo and is powered using only a single network/power cable
- Over-the-air software updates from your compatible device via the free Fusion-Link™ app
- Compact design

**ALL-NEW INTUITIVE AUDIO CONTROL**

The Apollo ERX400 features a new intuitive user experience, which allows for easy navigation and control of your entire boat’s Apollo Series stereo network, making control of your audio and sources in any zone a seamless experience. You will be able to “group” stereos to play one audio source across the entire boat and enjoy volume control, power options and more.
The value-for-money RA70 Series is perfect for delivering quality audio on board. Seamlessly replace any existing standard DIN-sized stereo with our most popular choice for on-water listening.

### Key Features

- **Control your tunes from a compatible multifunction display, compatible device or Garmin watch**
- **DIN-size mounting options**
- **Optically bonded LCD**
- **200-watt peak power**
- **IPX7 Ingress Protection rating from the front panel**
- **Multi-Zone™ Technology control in 2 separate audio zones**

### Advanced Features

- **TuneStart™**
- **TuneMix™**
- **Instant Replay**
- **Song/Artist Alerts**
- **SportsFlash™ Alerts**
- **Game Alerts**

Enjoy the flexibility to control your entertainment from anywhere on board using any of the multiple connectivity options available with the MS-RA70N and MS-RA70NSX:

- NMEA 2000® network via a partnered multifunction display.
- NRX Series remote when incorporated into a powered NMEA 2000 network.

Additionally, all RA70 Series stereos feature BLUETOOTH wireless technology via a compatible smart device and ANT® Technology via a compatible Garmin watch with the free Fusion-Link™ Lite app.

Make the most of SiriusXM® satellite radio, album art and a selection of advanced features available with the MS-RA70NSX:

- SiriusXM-ready with advanced features (MS-RA70NSX only)
- NMEA 2000® network via a partnered multifunction display.

Note: MS-RA70NSX is only available in the USA. A SiriusXM Connect Vehicle Tuner and subscription are required (continental USA and Canada only).
The new MS-RA210 is a compact marine stereo featuring new-look design aesthetics and Fusion® DSP for an optimized audio entertainment experience. With a brilliant 2.7” optically bonded, full-color LCD, BLUETOOTH® and ANT® capabilities, Fusion-Link™ control, and IPX6 and IPX7 Ingress Protection rated from the front face, the MS-RA210 is a sleek addition to your boat.

Download the free Fusion-Link app from the App Store® or Google Play™ and follow the 3-step process to configure the DSP profiles in your RA210 for an enhanced listening experience.
A COMPACT, VALUE-PACKED BLACK BOX ENTERTAINMENT SOLUTION

There is no need to compromise on quality with our most compact black box audio entertainment system. The MS-BB100 includes a compact IPX7 remote with an embedded BLUETOOTH® receiver for enhanced range while entertaining on the water.

KEY FEATURES

- Control of your tunes from a compatible multifunction display, compatible device or Garmin watch
- Multi-Zone™ Technology control in up to 2 separate audio zones (available via Fusion-Link™ wired/wireless control or a compatible remote)
- Built-in Class-AB amplifier
- IPX7 rated wired remote with embedded BLUETOOTH receiver
- Flat or flush mounting option for wired remote
- 200-watt peak power
Perfect for small boats, this compact stereo will keep singing even after exposure to the marine elements. With an IPX5 water-resistant front panel, the MS-RA55 delivers on quality while remaining our most compact and competitively priced marine stereo yet.

**KEY FEATURES**

- **Multi-Zone™ Technology control in 2 separate audio zones**
- **IPX5 Ingress Protection rating from the front panel**
- **2.3" LCD**
- **180-watt peak power**
- **Compact size (shallow mounting depth of only 55 mm)**
- **Line out x1**
- **Line out**

**SPECIFICATIONS**

- **STereo UNITS**
- **APOLLO**
- **SUBWOOFERS**
- **AMPIFIERs**
- **REMOTES**
- **ACCESSORIES**
- **COMPARISON CHARTS**
- **SPECIFICATIONS**
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MARINE SPEAKERS

- EL Series
- SM Series
- In-ceiling
- Box Speakers
EXPERIENCE THE POWER OF MUSIC – REVAMPED

Pushing the boundaries of what is possible on the water even further, the new revamped Signature Series 3 marine speakers deliver unparalleled performance even when exposed to harsh marine environments.

An industry-first for marine speakers, the new Signature Series 3 sports-style speakers feature CRGBW LED lighting to illuminate your boat with an unprecedented spectrum of colors – enhancing your on-water audio entertainment experience with premium ambient lighting.

Signature Series 3 speakers are available in 6.5”, 7.7” and 8.8” designs with both Classic and Sports styled grilles that incorporate the finest materials and latest acoustic technologies, including CURV cone, silk dome tweeters and optimized magnet structures.
ENGINEERING AND CONSTRUCTION

SILK DOME TWEETER
The silk dome tweeter provides a smooth upper frequency response and increased efficiency that delivers a true symphony to the ears.

CRGBW LED LIGHTING DIFFUSER
The LED diffuser cap not only protects the LEDs and circuitry from the harsh marine environment, it delivers an evenly spread, multicolor illumination for an unparalleled aesthetic feel.

CURV CONE TECHNOLOGY
CURV is a woven fiber composite, which is heat pressed to form a lighter and stronger cone. This delivers greater sound definition and higher output.

LARGE DIAMETER VOICE COIL
Delivering an increase in real power and efficiency, the voice coil provides a signature sound exclusive to the Signature Series 3 speakers.

HIGH-GRADE ENGINEERED BASKET CONSTRUCTION
The basket housing is made from high-grade engineered plastics to deliver unprecedented durability when exposed to the marine environment.

FULLY SEALED CROSSOVER COMPONENTS
All crossover components are sealed, resulting in enhanced protection from the harsh marine environment. This delivers an improved frequency response at the crossover point for a detailed audio spectrum and a new level of acoustic performance.

INNOVATIVE CRGBW ILLUMINATED CONE
By incorporating both Cool White and Warm White in addition to the standard RGB LEDs, an unprecedented spectrum of colors can now illuminate your boat. From premium pastels, to vibrant hues to match your music for an unparalleled, more ambient on-water entertainment experience. Control of the color, brightness, light mode and speed is made easy with the optional CRGBW wireless remote control.

KEY FEATURES
Exceptional mechanical design and acoustic engineering have created a fully featured speaker range. It is what the Power of Music is made of.

- First marine RGB speakers with Cool and Warm White LED lighting (Sports style only)
- Silk dome tweeter
- CURV Cone technology
- Large diameter voice coil
- IP65 Ingress Protection rating
- 330-watt peak power (8.8” speaker)
- 4 ohm impedance
- Fully sealed crossover components
- High-grade basket construction
- Designed to comply with ISO12216
THE WAKE TOWER SPEAKERS ARE DESIGNED TO DELIVER CRYSTAL CLEAR, HIGH-PERFORMANCE AUDIO AT ALL VOLUME LEVELS.

For those serious about their sounds while enjoying high speeds on the water, the Signature Series Wake Tower speakers deliver it all. Acoustically optimized and engineered for quality audio at any volume level, these speakers are perfect for providing the soundtrack to your on-water antics – even at full speed. Like the original Signature Series, the Wake Tower speakers are pushing the boundaries of what is possible on the water even further, with unparalleled performance in the harsh marine environment.

Precisely calculated for exceptional sound reproduction, the enclosure is designed with the exact air volume required for premium audio at any volume you choose to enhance your on-water experience.

A dedication to perfection and a commitment to developing new technologies – this is our mark, this is our Signature.

8.8" 330 WATT COAXIAL WAKE TOWER SPEAKERS
SG-FT88SPC - Sports Chrome with LEDs

8.8" 330 WATT COAXIAL WAKE TOWER SPEAKERS
SG-FT88SPWC - Sports Chrome & White with LEDs
ENCLOSED DESIGN

SIGNATURE PERFORMANCE
The acoustic properties of the tower speakers have been specifically optimized for wake boat applications. With longer throw, greater cut through and precisely calculated enclosure volume, the wake tower speakers are designed to reproduce crystal-clear, high-performance audio at all volume levels.

TRUE-MARINE™ PROTECTION
Engineered to withstand the harsh marine environment and tested to international industry standards for UV stability and salt fog protection, all True-Marine products are also supported by a 3-year limited consumer warranty.

IP65 WEATHERPROOF
The Signature Series wake tower speakers are rated IP65 for water and dust ingress protection, while also meeting industry standards for UV and salt fog protection. This makes them perfect for tower installation on any vessel in the marine environment.

MULTIPLE MOUNTING ACCESSORIES

MOUNTING BRACKETS
Fixed, swivel and deck mounting brackets and inserts are available to install. The inserts can be used to fit a wide range of tube diameters.*

PREMIUM SPORTS AESTHETICS
The Signature Series wake tower speakers incorporate premium materials and marine-specific design elements that communicate not only their premium aesthetics, but also their ability to reproduce quality audio and deliver it loud. This results in wake tower speakers that seamlessly integrate with the design of any sports boat.

KEY FEATURES
Enjoy crystal clear audio customized for premium listening on a wake boat at all volume levels.

- Specifically optimized for wake boat applications
- Fixed, swivel and deck mounting brackets and inserts are available to install
- Curv Cone technology
- Silk dome tweeter
- Dual-color diffused LED lighting options
- Large diameter voice coil
- IP65 Ingress Protection rating
- 330-watt peak power output
- 4 ohm impedance
- Fully sealed crossover components
- High-grade basket construction

*Mounting brackets sold separately.
SIGNATURE SERIES
MOUNTING BRACKETS

A VERSATILE, SIMPLE-TO-INSTALL SOLUTION FOR WAKE TOWER SPEAKERS

Mounting brackets and inserts are available to install your Signature Series 3 Wake Tower speakers, with either fixed, swivel or deck mounting brackets available. Inserts can be used to fit a wide range of tube diameters.

UNIVERSAL SWIVEL WAKE TOWER BRACKETS
010-12831-10
UNIVERSAL FIXED WAKE TOWER BRACKETS
010-12831-00
WAKE TOWER SPEAKER DECK MOUNT
010-12831-20

The fixed and swivel brackets are designed to securely fit a range of wake tower pipes, with inserts included to suit Ø 63.5 mm (2.50”), Ø 60.3 mm (2.37”), Ø 57.2 mm (2.25”), Ø 50.8 mm (2.00”), Ø 48.3 mm (1.90”), Ø 42.2 mm (1.66”), Ø 33.4 mm (1.31”) sizes.

KEY FEATURES

- Quick and simple to install
- UV stable design
- Multiple insert options to fit different bar diameters
- Salt fog resistant design
- Stainless steel hardware
ADD ANOTHER DIMENSION TO YOUR MUSIC WITH A COMPONENT TWEETER

Gone are the days where the onboard audio is compromised by limited speaker placement and engine noise! Designed with the acoustics of the Signature Series speakers in mind, these component tweeters will enhance the audio reproduction when integrated with the Signature Series 3 speakers and Fusion® DSP-enabled stereos, like the Apollo™ Series.*

*Requires a 2 ohm stable per channel amplifier.

KEY FEATURES
- Signature compact performance
- Flush mount
- 330-watt peak power
- IP65 Ingress Protection rating
- Perfect system complement
- 4 ohm impedance

When speakers are mounted low, close to deck height, the amount of high-frequency audio that can be heard when standing is limited. Cue the compact Signature Series tweeters, for installing in higher locations to restore the high frequencies, producing an audible improvement in sound quality on board.
Enjoy high-performance acoustics on the water season after season with the XS Series speakers. Continuing to set the benchmark for marine audio entertainment, these full-range speakers bring you the trademark quality audio reproduction from Fusion®, enhanced marine aesthetics and RGB LED lighting, all at a mid-range price point.

Designed with performance and quality in mind, even at the highest volumes, the XS Series speakers are acoustically optimized to provide an excellent audio entertainment experience out on the water.

**XS SERIES SPEAKERS**

**ACOUSTICALLY OPTIMIZED FOR AN EXCELLENT ON-WATER AUDIO EXPERIENCE**

**4" 120-WATT MARINE SPEAKERS**
- XS-F40CWB - Classic White/Black

**6.5" 200-WATT MARINE SPEAKERS**
- XS-FLASSPGW - Sports Grey/White with RGB LEDs
- XS-F65CWB - Classic White/Black

**7.7" 240-WATT MARINE SPEAKERS**
- XS-FL77SPGW - Sports Grey/White with RGB LEDs
- XS-F77CWB - Classic White/Black
**MULTICOLOR RGB LED LIGHTING** is available with the Sports style speakers.*

Enhance your on-water experience with illumination in any color you choose.

*LED color is determined by wiring configuration at installation. An optional RGB LED remote control is also available for full control of the illumination.
The FM Series marine speakers are engineered to deliver quality acoustics to your boat in a sleek and minimalistic aesthetic to meet the latest boat design trends. The FM Series speakers are designed to be flush mounted with a mounting profile no thicker than 2.5 mm [3/32"] for a near-flat finish.

Available in a round or square form factor, they come in 2 sizes (7.7” 200-watt and 6.5” 120-watt – with one size to fit a 165 mm [6-1/2"] cutout and the other to fit a 138 mm [5-7/16"] cutout) and also 2 colors (black or white) to meet different customers’ needs.

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**CLEAR AUDIO AND CLEAN AESTHETICS MAKES THE FM SERIES ALL CLASS**

6.5" 120-WATT MARINE SPEAKERS
FM-F65RB - Round Black
FM-F65RW - Round White

6.5" 120-WATT MARINE SPEAKERS
FM-F65SB - Square Black
FM-F65SW - Square White

7.7" 200-WATT MARINE SPEAKERS
FM-F77RB - Round Black
FM-F77RW - Round White

7.7" 200-WATT MARINE SPEAKERS
FM-F77SB - Square Black
FM-F77SW - Square White
ENGINEERING AND CONSTRUCTION

ALUMINUM DOME TWEETER
The anodized aluminum dome tweeter creates a smoother upper frequency response, delivering crisper, clearer highs for excellent vocals.

FULLY SEALED CROSSOVER COMPONENTS
All crossover components are sealed, resulting in enhanced protection from the harsh marine environment. This delivers a smoother frequency response at the crossover point for a detailed audio spectrum and a new level of acoustic performance.

OVERHUNG VOICE COIL
The overhung design reduces distortion and increases power and efficiency to deliver a truly high-quality sound experience.

WEATHERPROOF SURROUND
A pleated water-resistant fabric surround, reinforces the speaker’s durability. Passing IP65 standards, it ensures peace of mind that it will last season after season in the harsh marine environment.

OPEN BACK BASKET CONSTRUCTION
The optimized open back design allows for extended power handling and versatile mounting options.

AESTHETICS TO MEET THE LATEST BOAT DESIGN TRENDS
Designed with a minimalistic, clean look, the FM Series will fit nicely on a range of different modern boat designs. The low profile, near-flat installation allows for a visually appealing finish never before seen on a marine speaker. Available in a round or square form factor with 2 color options (black or white), the FM Series will match the aesthetics on any boat.

NON-INTRUSIVE MOUNTING SYSTEM
The FM Series features an intelligent mounting system for a non-intrusive, easy installation. Simply place the speaker in the cutout, tighten the screws, and the speaker legs will tighten against the panel, keeping it in place without the need to create any screw holes in your boat.

KEY FEATURES
Quality audio reproduction matched with innovative design aesthetics has created a speaker range that is all class.

- Flush mount finish
- Low-profile design
- Aluminum dome tweeter
- IP65 Ingress Protection rating
- 120-watt peak power (6.5” speakers)
- 200-watt peak power (7.7” speakers)
- 4 ohm impedance
- Designed to comply with ISO12216

2.5 mm [3/32”] MOUNTING PROFILE

ENGINEERING AND CONSTRUCTION

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- Flush mount finish
- Low-profile design
- Aluminum dome tweeter
- IP65 Ingress Protection rating
- 120-watt peak power (6.5” speakers)
- 200-watt peak power (7.7” speakers)
- 4 ohm impedance
- Designed to comply with ISO12216

2.5 mm [3/32”] MOUNTING PROFILE
Enhance your time spent on the water with quality audio and **RGB LED illumination** to set the tone. Providing more installation options than traditional speakers, the extremely versatile next-generation **EL Series** speakers are designed with a shallow basket, which allows them to fit in where many other speakers will not.

**CLASSIC WHITE**
- Shallow basket design
- 80-watt peak power
- IP65 Ingress Protection rating
- Design to comply with ISO12216
- RGB-illuminated with static and dynamic color*

**CLASSIC BLACK**

**SPORTS GREY**

Multi-color **RGB LED lighting** is available with the Sports style speakers.*

Energize your onboard experience with lighting in any color you choose.

*LED color is determined by wiring configuration at installation. An optional RGB LED remote control is also available for full control of the illumination.

**6.5” 80-WATT MARINE SPEAKERS**
- **EL-F651W** - Classic White
- **EL-F651B** - Classic Black
- **EL-F651SPG** - Sports Grey with RGB LEDs

**6.5” SPORTS WHITE MARINE GRILLES**
- **EL-X651SPW** - Sports White

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**ENERGIZE YOUR BOATING EXPERIENCE WITH THE EL SERIES SPEAKERS**
SHALLOW MOUNT DESIGN AND QUALITY AESTHETICS

With a shallow mounting depth of just 24 mm [15/16"], the SM Series speakers are ideal for installation where mounting depth is limited, without compromising on sound quality and performance normally associated with restrictive mounting depths. They are designed with a sealed, perfectly tuned enclosure to deliver quality audio reproduction that could normally not be achieved with a standard speaker of similar size in the same location.

The sealed enclosure design protects all components from damage, making the SM Series capable of being installed in positions such as cabinets without needing rear speaker cups, which often reduce sound quality and complicate installation. Three optional accessory mounting spacers are available to support installations in various positions.

SM SERIES SPEAKERS

CLASSIC WHITE  CLASSIC BLACK

KEY FEATURES

- Shallow basket design
- 4 ohm impedance
- 100-watt peak power
- IP65 Ingress Protection rating
- Interior design aesthetic

6.5" 100-WATT MARINE SPEAKERS

6.5" 100-WATT MARINE SPEAKERS
SM-F65CW - White
SM-F65CB - Black

OPTIONAL MOUNTING SPACERS*

SM-X65SPB/W - Surface mounting spacer
SM-X65SP2B/W - Two surface corner spacer
SM-X65SP3B/W - Three surface corner spacer

*Mounting spacers sold separately.
ELEGANT AND DISCREET TO COMPLEMENT THE INTERIOR OF ANY BOAT

The discreet, stylized flush-mount profile provides a simple, elegant solution for in-cabin audio. Designed to blend in with your boat’s interior, these speakers are perfect for either in-ceiling or wall-mount installation.

MS-CL602

IN-CEILING SPEAKERS

KEY FEATURES

- 6" two-way full-range speaker
- Discreet flat-mount profile
- 120-watt peak power
- 6 ohm impedance
- Silk dome tweeter

Riviera 68 Sports Motor Yacht

BOX SPEAKERS

EXTREMELY VERSATILE AND OPTIMIZED FOR THE MARINE ENVIRONMENT

Add to your boating experience with quality audio, even on boats where fitting standard speakers is not an option, with versatile box speakers.

MS-OS420

KEY FEATURES

- 100-watt peak power
- Adjustable wall brackets supplied
- 4 ohm impedance

Rayglass 3500

Enjoy peace of mind and install your MS-OS420 speakers with confidence that they will last the test of time on board. Great for helms that are already crowded with instruments, they are also perfect for alloy boats where a flush-mount speaker is not practical. An affordable, value-for-money solution for any boat, the MS-OS420 speakers feature fully adjustable mounting brackets for versatile installation options.
MARINE SUBWOOFERS

SIGNATURE SERIES
Signature Series 3 Subwoofers

XS SERIES
XS Series Subwoofers

FM SERIES
FM Series Subwoofers
PREMIUM LOW FREQUENCIES NOW WITH INDUSTRY-FIRST CRGBW LED LIGHTING

Take your boating experience to another level with **premium low frequencies**. Delivering an increase in real power and efficiency to add another dimension to your music, the large diameter voice coil produces a **signature sound exclusive to the Signature subwoofers**.

The 10” subwoofer is engineered with an upgraded 600-watt peak power output, while designed to deliver premium bass to your vessel, allowing you to add low-end frequencies and experience the **full audio experience** onboard.

**10” 600 WATT MARINE SUBWOOFER**
- SG-S102W - Classic White
- SG-SL102SPW - Sports White with CRGBW lighting
- SG-SL102SPC - Sports Chrome with CRGBW lighting

**10” CLASSIC BLACK GRILLE**
- SG-X10B - Classic Black marine grille
PREMIUM STYLING AND AESTHETICS

Available in Classic White, Sports White or Sports Chrome subwoofers, the Sports Style subwoofers feature stunning industry-first CRGBW LED lighting to illuminate your vessel with premium, more ambient lighting.

INNOVATIVE CRGBW ILLUMINATED CONE

By incorporating both Cool White and Warm White in addition to the standard RGB LEDs, an unprecedented spectrum of colors can now illuminate your vessel. From premium pastels, to vibrant hues to match your music for an unparalleled, more ambient on-water entertainment experience. Control of the color, brightness, light mode and speed is made easy with the optional CRGBW wireless remote control.

KEY FEATURES

Exceptional mechanical design and acoustic engineering have created a fully featured subwoofer range. It is what the Power of Music is made of.

- First marine RGB subwoofers with Cool and Warm White LED lighting (Sports style only)
- Polypropylene cone with rubber surround
- Large diameter voice coil
- IP65 Ingress Protection rating
- 600-watt peak power output
- 4 ohm impedance
- High-grade basket construction
- Designed to comply with ISO12216
Enjoy the trademark quality audio reproduction from Fusion®, enhanced marine aesthetics and RGB LED lighting, all at a mid-range price point with the XS Series subwoofers. Built for versatility and ease of integration, you have the option of creating a 2.1 audio zone to simplify installation and reduce your system cost with an easy way to add bass on board, without the need for an external amplifier (with a compatible Fusion stereo system).

Set the tone on board with brighter, more even RGB LED illumination from the Sports style subwoofer’s innovative cone.* A range of colors is available to further enhance your boating experience.

The stylish grilles complement your onboard aesthetics and provide the freedom to choose the finish to suit your boat, with 2 color options included in the box.

*LED color is determined by wiring configuration at installation. An optional RGB LED remote control is also available for full control of the illumination.
Enhancing your boating experience with quality bass, the FM Series subwoofers are designed to deliver the trademark quality audio reproduction from Fusion®, with sleek and minimalistic aesthetics that meets the latest boat design trends. Featuring an innovative, low-profile, flush-mount installation system, you have the option of adding a subwoofer with a premium, near-flat finish.

**KEY FEATURES**

- **IP65 Ingress Protection rating**
- **4 ohm impedance**
- **400-watt peak power**
- **Flush mount finish**
- **Designed to comply with ISO12216**
- **Low-profile design**

With a mounting profile of only 3 mm [1/8”], enjoy a visually appealing finish never before seen on a marine subwoofer. The innovative, non-intrusive mounting system allows for easy installation without the need to create any screw holes in your boat.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FM-S10RW</td>
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<td>FM-S10RB</td>
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<tr>
<td>FM-S10SW</td>
<td>Square White</td>
</tr>
<tr>
<td>FM-S10SB</td>
<td>Square Black</td>
</tr>
</tbody>
</table>

**FM SERIES SUBWOOFERS**
MARINE AMPLIFIERS

SIGNATURE SERIES

Signature Series Amplifiers

AM SERIES

AM Series Amplifiers
THE POWER OF MUSIC

The power of music is unquestionable. Enhance your boating experience with a new level of audio entertainment by installing a Signature Series amplifier on board.

TRUE-MARINE™ DESIGN

Enjoy peace of mind that your amplifier will perform season after season with the stainless steel front panel to resist corrosion, and conformal coated circuitry to protect the components from salt fog, moisture and humidity. Carrying True-Marine accreditation, these amplifiers also hold an industry-leading 3-year warranty.

OUR MOST STUNNING, EFFICIENT AND POWERFUL MARINE AMPLIFIERS FOR THE ULTIMATE AUDIO EXPERIENCE

1400-WATT CLASS-D MARINE AMPLIFIER
SG-DA1400 - 4 channel
1600-WATT CLASS-D MARINE AMPLIFIER
SG-DA1600 - 5 channel
2250-WATT CLASS-D MARINE AMPLIFIER
SG-DA2250 - Monoblock
1500-WATT CLASS-D MARINE AMPLIFIER
SG-DA1500 - 6 channel
2000-WATT CLASS-D MARINE AMPLIFIER
SG-DA2000 - 8 channel
1500-WATT 24-VOLT CLASS-D MARINE AMPLIFIER
SG-24DA1500 - 6 channel
CLASS-D AMPLIFIER TECHNOLOGY

Ensuring low current draw from the battery while delivering increased power, the highly efficient Class-D design makes the Signature Series perfect for boating environments.

RIGID ALUMINUM ALLOY HEAT SINK

For increased efficiency without compromising the form factor, the Signature Series amplifier range features a rigid aluminum alloy heat sink. Greater dissipation of heat and unquestionable efficiency is achieved by molded fins forming a singular die-cast chassis, with the layout precisely calculated to increase the surface area of the heat sink.

DESIGNED FOR 24-VOLT ELECTRICAL SYSTEMS

Designed for boats operating on 24-volt electrical systems, the 6-channel Signature Series 24-volt amplifier provides sufficient power delivery to your onboard audio entertainment. The plug-and-play setup allows for easy installation without the need for an additional power adaptor.

STAINLESS MIRROR FINISH

The polished stainless steel control panel cover conceals and helps protect all cable connections and the settings control panel while providing an attractive finish to complement any installation.
VALUE-PACKED AND
PURPOSE-BUILT
FOR QUALITY AUDIO
AMPLIFICATION ON
THE WATER

Enhance your on-water experience with quality audio amplification. You can relax knowing the value-packed AM Series amplifiers are designed for the marine environment and deliver an efficient boost to your audio listening experience.

The AM Series amplifiers incorporate conformal coated PCBs for enhanced product life, and gold-plated connectors for improved signal transfer, producing clear and powerful audio for your boat.

400-WATT CLASS-AB MARINE AMPLIFIER
MS-AM402 - 2 channel

500-WATT CLASS-AB MARINE AMPLIFIER
MS-AM504 - 4 channel
The MS-AM504 will drive a pair of Fusion® speakers plus a 10” subwoofer, or up to four pairs of Fusion speakers (with 2 speakers in parallel in each channel at 2 ohms), to help spread quality sound around your boat.

The MS-AM402 will drive a subwoofer, an extra pair of speakers, or even 4 speakers (with 2 speakers in parallel in each channel at 2 ohms).

2 OHM STEROE STABLE DESIGN

The AM Series amplifiers are rated 2 ohm stereo stable, capable of powering up to a maximum of two speakers per channel. You can also bridge two channels at 4 ohms for increased power – allowing you to achieve optimum output levels for your system.

KEY FEATURES

World-class design and engineering has resulted in an extremely efficient and powerful marine amplifier range featuring:

- Class-AB amplifier technology
- 2 ohm stereo stable
- Variable low and high pass crossover filters
- Variable bass boost
- Subsonic filter
- Conformal coated PCBs for marine protection

The MS-AM504 will drive a pair of Fusion® speakers plus a 10” subwoofer, or up to four pairs of Fusion speakers (with 2 speakers in parallel in each channel at 2 ohms), to help spread quality sound around your boat.
Retrofit your Fusion® system enabled with ANT® technology with the MS-ARX70 remote to enjoy the freedom and convenience of wireless audio control from anywhere around your boat. Control of your music is within reach any time, anywhere with the ARX remote. Rated both IPX6 and IPX7 water-resistant, the remote is perfect for the swim platform, bow, transom or anywhere you want quick access to audio adjustments. Including an impressive typical 3-year battery life, onboard audio control has never been so easy.

This remote can be used across a variety of Fusion ANT-enabled products, including the Apollo™ RA770, Apollo RA670, Apollo WB670, RA70 Series, MS-RA210, Panel-Stereo, MS-BB100 and StereoActive.
The ARX70 is simple and easy to use, even in both wet and low-light conditions with rubberized tactile buttons and a light bar. The LED lights in the light bar provide essential user feedback as you control your audio playback.

**EASY TO USE**
Your options are endless when it comes to remote placement. Rubberized tactile buttons and an LED light bar make use easy in any area, both indoors and outdoors.

**STYLISH DESIGN**
Place the stylish, low-profile ARX remote where it is most convenient to make getting up to change the song a thing of the past.

**WATER-RESISTANT**
With both IPX6 and IPX7 water-resistance ratings, the ARX remote is perfect for easy audio control in any area – including the swimming platform!

**MULTI-ZONE™ CONTROL**
Create multiple independent audio zones with Fusion® Multi-Zone™ technology built into Fusion stereos. The ARX70 can interface with compatible Fusion stereos and control the audio in all zones, for complete convenience. Switching zones is easy – simply press the + and – keys at the same time, then press the key that represents the zone you wish to control. For more control options on board than ever before, multiple ARX remotes can be installed across the boat, with one or more in each zone.

The ARX70 is simple and easy to use, even in both wet and low-light conditions with rubberized tactile buttons and a light bar. The LED lights in the light bar provide essential user feedback as you control your audio playback.
Take control of your audio entertainment and enjoy localized control from any audio zone on board. A perfect solution for audio control around your boat, the MS-NRX300 features an NMEA 2000® connector for quick connection to existing networks and Fusion-Link™ access. With IPX7 water-resistance and True-Marine™ accreditation, you can relax knowing that your remote is built to last on board.

Save time and money with quick and easy installation of your MS-NRX300 wired remote. Connect to an existing NMEA 2000® network, the remote will double as an NMEA 2000 repeater and display supported NMEA data from compatible marine electronics.
Make the most of a cleaner, clearer, enhanced audio signal to your amplifier with the Fusion® range of RCA connector cables. Our performance cables feature directional, shielded twisted pair cabling providing superior noise rejection. Ensuring the cable lasts season after season, the performance RCA connectors are gold-plated to prevent corrosion, while the standard RCA connectors are nickel-plated.

**KEY FEATURES**

- Superior noise-rejection (performance cables only)
- Color-coded connectors
- Gold-plated connectors (performance cables only)

**PERFORMANCE RCA CABLES**

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<th>Model</th>
<th>Description</th>
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<td>1 Zone / 2 Channel 3 ft (0.9 m)</td>
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</tr>
<tr>
<td>MS-RCA6</td>
<td>1 Zone / 2 Channel 6 ft (1.83 m)</td>
<td></td>
</tr>
<tr>
<td>MS-RCA12</td>
<td>1 Zone / 2 Channel 12 ft (3.66 m)</td>
<td></td>
</tr>
<tr>
<td>MS-RCA25</td>
<td>1 Zone / 2 Channel 25 ft (7.62 m)</td>
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</tr>
<tr>
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<td>2 Zone / 4 Channel 25 ft (7.62 m)</td>
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<tr>
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<td>RCA splitter cable female to dual male</td>
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</tr>
<tr>
<td>MS-RCAYF</td>
<td>RCA splitter cable male to dual female</td>
<td></td>
</tr>
</tbody>
</table>

**STANDARD RCA CABLES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL-RCA3</td>
<td>1 Zone / 2 Channel 3 ft (0.9 m)</td>
<td></td>
</tr>
<tr>
<td>EL-RCA6</td>
<td>1 Zone / 2 Channel 6 ft (1.83 m)</td>
<td></td>
</tr>
<tr>
<td>EL-RCA12</td>
<td>1 Zone / 2 Channel 12 ft (3.66 m)</td>
<td></td>
</tr>
<tr>
<td>EL-RCA25</td>
<td>1 Zone / 2 Channel 25 ft (7.62 m)</td>
<td></td>
</tr>
<tr>
<td>EL-FRCA6</td>
<td>2 Zone / 4 Channel 6 ft (1.83 m)</td>
<td></td>
</tr>
<tr>
<td>EL-FRCA12</td>
<td>2 Zone / 4 Channel 12 ft (3.66 m)</td>
<td></td>
</tr>
<tr>
<td>EL-FRCA25</td>
<td>2 Zone / 4 Channel 25 ft (7.62 m)</td>
<td></td>
</tr>
<tr>
<td>EL-RCAYM</td>
<td>RCA splitter cable female to dual male</td>
<td></td>
</tr>
<tr>
<td>EL-RCAYF</td>
<td>RCA splitter cable male to dual female</td>
<td></td>
</tr>
</tbody>
</table>
MULTIPLE MOUNTING OPTIONS
The antenna features 2 mounting options for easy installation onto any vessel.

Standard 1” Pole Mount
To pole mount the antenna, use either the included 1” outer diameter threaded mounting bracket, or a user-supplied pole mount. The included mounting bracket comes with 4 mounting screws that secure the base to the mounting surface.

Surface Mounting
To surface mount the antenna, use either the included double-sided adhesive pad or the included threaded rods with thumb screws for easy installation.

ON-SCREEN STATION INFORMATION
The connected Fusion stereo will display station, ensemble, program type, category and dynamic label segment (DLS) information for easy recognition and searching of digital radio stations.

WIRELESS REMOTE CONTROL
Enjoy full control of the illumination option and functions of your Fusion RGB speakers and subwoofers with the MS-RGBRC wireless remote control. For total convenience, the remote is portable and is able to function up to 10 m from the speaker lighting control module.

CONTROL THE LED ILLUMINATION
Enhance your on-water experience with the ability to adjust your Fusion RGB speaker lighting. Set the tone or match your music by selecting your color using the intuitive color select wheel, brightness, mode (static or dynamic) and speed (16 options available), to take your entertainment to the next level. Up to 3 separate lighting zones can be controlled by 1 remote.

Note: For control of additional lighting zones, additional speaker lighting control modules must be purchased.

CRGBW WIRELESS REMOTE CONTROL
Enjoy full control of the illumination option and functions of your Fusion CRGBW speakers and subwoofers with the CRGBW wireless remote control. Control the color using the intuitive color select wheel and also have the option to adjust the brightness, light mode (static or dynamic) and speed.

UNPRECEDEDENT COLOR OPTIONS
You will be able to combine RGB with Cool White or Warm White with the press of a button. This produces an unprecedented spectrum of colors with Cool White RGBs, Warm White RGBs and Standard RGB.
**FUSION PUCK**

**WS-PKFL**

**STANDARD MOUNTING SOLUTION**

The standard puck system allows for fixed puck placement on flat surfaces with either an adhesive pad or mounting screws.

- **EASY INSTALLATION**
- **COMES WITH A PUCK COVER**

**MOUNTING SOLUTIONS FOR THE STEREOACTIVE™ AND ACTIVESAFE™**

The range of Fusion puck accessories is designed to securely mount your StereoActive or ActiveSafe to the surface of a paddleboard, kayak, canoe, dinghy/jon boat/tinny, and even a jacuzzi, leaving you to enjoy your music without worrying about your stereo floating away.

The directional mount system allows you to face the StereoActive in 4 directions.

Visit www.fusionentertainment.com for the full list of Puck accessories.

**FUSION FLEXI PUCK**

**WS-PKFM**

FLEXIBLE MOUNTING SOLUTION

**FUSION STRAP PUCK**

**WS-PKTD**

STRAP MOUNTING SOLUTION

**FUSION RAILBLAZA PUCK**

**WS-PKBLZ**

RAILBLAZA MOUNT ADAPTER SOLUTION

**FUSION RAM MOUNT PUCK**

**WS-PKRAM**

RAM MOUNT ADAPTER SOLUTION

**USB 2.0 FLASH DRIVE**

**MS-USB16**

16GB USB 2.0 LOW-PROFILE FLASH DRIVE

---

**MS-BT100**

**BLUE TOOTH® MODULE**

Enjoy BLUE TOOTH® audio streaming from a compatible device with the addition of an MS-BT100 module enabled with BLUE TOOTH® technology. Simply connect to the auxiliary input to enable control directly from the paired BLUE TOOTH® device within the effective range of 33' (10 m).

Compatible with any stereo with an RCA AUX input.

**MS-CBUS3.5**

**AUXILIARY AND USB**

**PANEL MOUNT AUX 3.5 MM AND USB CONNECTOR**

Providing more audio options for your on-water entertainment, the MS-CBUS3.5 can be installed on the dash or wherever it is most convenient for easy USB port access.

**12-VOLT CAR CHARGER**

**WS-SACLA**

**BLUETOOTH® MODULE**

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Compatible with any stereo with an RCA AUX input.

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**AUXILIARY AND USB**

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**CAR CHARGER**

**WS-SACLA**

12-VOLT CAR CHARGER

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Compatible with any stereo with an RCA AUX input.

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---

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Compatible with any stereo with an RCA AUX input.

**MS-CBUS3.5**

**AUXILIARY AND USB**

**PANEL MOUNT AUX 3.5 MM AND USB CONNECTOR**

Providing more audio options for your on-water entertainment, the MS-CBUS3.5 can be installed on the dash or wherever it is most convenient for easy USB port access.
Integrate and add protection to your marine stereos with the Retrofit Kit for MS-RA770, MS-RA670 and MS-RA210.

FUSION STEREO RETROFIT KITS

Integrate your Apollo RA670 or MS-RA210 marine stereo seamlessly into an existing Fusion 755 Series, 750 Series or 650 Series cutout with the Stereo Retrofit Kit.

- 010-12829-03  
  Stereo Retrofit Kit with Dust Cover
- 010-12745-01  
  MS-RA670 / MS-RA210 Marine Stereo Dust Cover

Integrate your Apollo RA770 marine stereo seamlessly into an existing Fusion 755 Series, 750 Series or 650 Series cutout with the MS-RA770 Retrofit Kit.

- 010-12829-00  
  MS-RA770 Retrofit Kit with Dust Cover

The dust cover is shaped to perfectly fit your Apollo RA770 when installed using the retrofit kit, accommodating the larger screw covers.

- 010-12743-00  
  MS-RA770 Marine Stereo Dust Cover

Retrofit Kits

Seamlessly integrate your Fusion® stereo into the helm with a flat finish using a Flat Mount Kit.

FLAT MOUNT KITS

Use the MS-RA770 Flat Mount Kit to install your Apollo™ stereo into the helm with a premium flat finish.

- 010-12817-00  
  MS-RA770 Flat mount-kit

Use the Stereo Flat Mount Kit to install your Apollo RA670 or MS-RA210 stereo into the helm with a premium flat finish.

- 010-12817-02  
  MS-RA670 / MS-RA210 Flat mount-kit

Use the MS-SRX400 Flat Mount Kit to install your Apollo stereo into the helm with a premium flat finish.

- 010-12830-00  
  MS-SRX400 Flat mount-kit
# ENTERTAINMENT SYSTEM COMPARISON

**NOTE**: All full range and subwoofer line outs require external amplification. An external router is required for Wi-Fi® connectivity.

<table>
<thead>
<tr>
<th></th>
<th>MS-RA770</th>
<th>MS-RA670</th>
<th>MS-WB670</th>
<th>MS-SRX400</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPECIFICATIONS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>PEAK POWER</strong></td>
<td>280 W (4x70 W)</td>
<td>280 W (4x70 W)</td>
<td>280 W (4x70 W)</td>
<td>140 W (2x70 W)</td>
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<tr>
<td><strong>AMPLIFIER</strong></td>
<td>Class-D</td>
<td>Class-D</td>
<td>Class-D</td>
<td>Class-D</td>
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<td><strong>MULTI-ZONE™ TECHNOLOGY</strong></td>
<td>4 zones</td>
<td>3 zones</td>
<td>3 zones</td>
<td>No</td>
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<tr>
<td><strong>DISPLAY</strong></td>
<td>4.3&quot; optically bonded color LCD touchscreen</td>
<td>2.7&quot; optically bonded color LCD</td>
<td>No</td>
<td>2.7&quot; optically bonded color LCD</td>
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<tr>
<td><strong>LINE OUT</strong></td>
<td>4 (1 x L + R per zone)</td>
<td>3 (1 x L + R per zone)</td>
<td>3 (1 x L + R per zone)</td>
<td>1 (1 x L + R)</td>
</tr>
<tr>
<td><strong>SUBWOOFER OUT</strong></td>
<td>4 (1 per zone)</td>
<td>3 (1 per zone)</td>
<td>3 (1 per zone)</td>
<td>1 (mono output)</td>
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<tr>
<td><strong>AUXILIARY INPUTS</strong></td>
<td>2 x RCA inputs</td>
<td>1 x RCA input</td>
<td>1 x RCA input</td>
<td>No</td>
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<tr>
<td><strong>SOURCES</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>TUNER</strong></td>
<td>AM/FM with RDS (where available)</td>
<td>AM/FM with RDS (where available)</td>
<td>AM/FM with RDS (where available)</td>
<td>AM/FM with RDS (where available)</td>
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<tr>
<td><strong>BUILT-IN WI-FI</strong></td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>iPod®/iPhone</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td><strong>ANDROID™/WINDOWS MTP SUPPORT</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>AOA SUPPORT</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>Yes - 1 connection</td>
<td>Yes - 1 connection</td>
<td>Yes - 1 connection</td>
<td>No</td>
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<tr>
<td><strong>BLUETOOTH® WIRELESS TECHNOLOGY</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>SIRIUSXM® READY</strong></td>
<td>Yes (continental U.S. and Canada only)</td>
<td>Yes (continental U.S. and Canada only)</td>
<td>Yes (continental U.S. and Canada only)</td>
<td>No</td>
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<tr>
<td><strong>OPTICAL AUDIO INPUT</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td><strong>DAB+ READY</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<td><strong>CONNECTIVITY</strong></td>
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<tr>
<td><strong>FUSION-LINK™ VIA NMEA 2000®</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td><strong>FUSION-LINK VIA ETHERNET/WI-FI</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>FUSION-LINK VIA BLUETOOTH</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>FUSION-LINK VIA ANT® TECHNOLOGY</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td><strong>MECHANICAL DESIGN</strong></td>
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<td></td>
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<tr>
<td><strong>WATER RESISTANCE (IPX RATING)</strong></td>
<td>IPX6 and IPX7 front panel</td>
<td>IPX6 and IPX7 front panel</td>
<td>IPX2</td>
<td>IPX6 and IPX7 front panel</td>
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<tr>
<td><strong>CHASSIS</strong></td>
<td>Electrically isolated impact resistant plastic</td>
<td>Electrically isolated impact resistant plastic</td>
<td>Electrically isolated impact resistant plastic with heat sink</td>
<td>Electrically isolated impact resistant plastic</td>
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<tr>
<td><strong>MOUNTING OPTIONS</strong></td>
<td>Flush and flat</td>
<td>Flush and flat</td>
<td>Surface</td>
<td>Flush and flat</td>
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<td><strong>WARRANTY</strong></td>
<td>3 years</td>
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### SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>MS-RA70</th>
<th>MS-RA70N</th>
<th>MS-RA70NSX</th>
<th>MS-RA210</th>
<th>MS-RA55</th>
<th>MS-BB100</th>
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<tbody>
<tr>
<td><strong>POWER</strong></td>
<td>200 W (4x50 W)</td>
<td>200 W (4x50 W)</td>
<td>180 W (4x45 W)</td>
<td>200 W (4x50 W)</td>
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<tr>
<td><strong>AMPLIFIER</strong></td>
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<td>Class-D</td>
<td>Class-AB</td>
<td>Class-AB</td>
<td>Class-AB</td>
<td>Class-AB</td>
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<tr>
<td><strong>MULTI-ZONE TECHNOLOGY</strong></td>
<td>2 zones</td>
<td>2 zones</td>
<td>2 zones</td>
<td>2 zones</td>
<td>2 zones</td>
<td>2 zones</td>
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<tr>
<td><strong>DISPLAY</strong></td>
<td>128x64 optically bonded monochrome LCD</td>
<td>2.7&quot; optically bonded color LCD</td>
<td>2.3&quot; monochrome LCD</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LINE OUT</strong></td>
<td>2 (1 x L + R per zone)</td>
<td>2 (1 x L + R per zone)</td>
<td>1 (1 x L + R zone 1)</td>
<td>2 (1 x L + R per zone)</td>
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<tr>
<td><strong>SUBWOOFER OUT</strong></td>
<td>1 (zone 1)</td>
<td>2 (1 per zone)</td>
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<td>1 (zone 1)</td>
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<td>1 x RCA input</td>
<td>1 x RCA input</td>
<td>1 x RCA input</td>
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<tr>
<td><strong>TUNER</strong></td>
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<td>AM/FM with RDS (where available)</td>
<td>AM/FM with RDS (where available)</td>
<td>AM/FM with RDS (where available)</td>
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<td><strong>BUILT-IN WI-FI</strong></td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>iPod/iPhone</td>
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<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>ANDROID/WINDOWS MTP SUPPORT</strong></td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<td>AOA SUPPORT</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>Yes - 1 connection</td>
<td>Yes - 1 connection</td>
<td>No</td>
<td>Yes - 1 connection</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
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<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>SIRIUSXM READY</strong></td>
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<td>Yes (continental U.S. and Canada only)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td><strong>OPTICAL AUDIO INPUT</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>DAB+ READY</strong></td>
<td>MS-RA70 &amp; MS-RA70N only</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>WATER RESISTANCE (IPX RATING)</strong></td>
<td>IPX7 front panel</td>
<td>IPX6 and IPX7 front panel</td>
<td>IPX5 front panel</td>
<td>IPX3 Black Box with IPX7 remote</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CHASSIS</strong></td>
<td>Glass reinforced composite</td>
<td>Electrically isolated impact-resistant plastic</td>
<td>Cast aluminum</td>
<td>Aluminum</td>
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<tr>
<td><strong>MOUNTING OPTIONS</strong></td>
<td>Flush and flat</td>
<td>Flush and flat</td>
<td>Flush and bail</td>
<td>Flush and flat (remote)</td>
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<tr>
<td><strong>WARRANTY</strong></td>
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<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
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**NOTE:** All full range and subwoofer line outs require external amplification.
## SIGNATURE SERIES SPEAKER COMPARISON

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<tr>
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<tbody>
<tr>
<td><strong>SPECIFICATIONS</strong></td>
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<td></td>
<td></td>
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<tr>
<td><strong>SPEAKER SIZE</strong></td>
<td>8.8”</td>
<td>8.8”</td>
<td>7.7”</td>
<td>7.7”</td>
<td>6.5”</td>
<td>6.5”</td>
<td>1”</td>
<td>8.8”</td>
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<tr>
<td><strong>PEAK POWER (WATTS)</strong></td>
<td>330</td>
<td>330</td>
<td>280</td>
<td>280</td>
<td>230</td>
<td>230</td>
<td>330</td>
<td>330</td>
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<td><strong>RMS POWER RATING (WATTS)</strong></td>
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<td>130</td>
<td>100</td>
<td>100</td>
<td>75</td>
<td>75</td>
<td>60</td>
<td>130</td>
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<tr>
<td><strong>EFFICIENCY (IW/1M )</strong></td>
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<td>91dB</td>
<td>91dB</td>
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<td>90dB</td>
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</tr>
<tr>
<td><strong>FREQUENCY RESPONSE</strong></td>
<td>50Hz - 20kHz</td>
<td>50Hz - 20kHz</td>
<td>60Hz - 22kHz</td>
<td>60Hz - 22kHz</td>
<td>70Hz - 22kHz</td>
<td>70Hz - 22kHz</td>
<td>3kHz - 20kHz</td>
<td>50Hz - 20kHz</td>
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<tr>
<td><strong>IMPEDANCE</strong></td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
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<tr>
<td><strong>TWEETER TYPE</strong></td>
<td>Silk dome</td>
<td>Silk dome</td>
<td>Silk dome</td>
<td>Silk dome</td>
<td>Silk dome</td>
<td>Silk dome</td>
<td>Aluminum dome</td>
<td>Silk dome</td>
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</tr>
<tr>
<td><strong>CONE MATERIAL</strong></td>
<td>CURV</td>
<td>CURV</td>
<td>CURV</td>
<td>CURV</td>
<td>CURV</td>
<td>CURV</td>
<td>N/A</td>
<td>CURV</td>
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<tr>
<td><strong>VOICE COIL DIAMETER</strong></td>
<td>1.5”</td>
<td>1.5”</td>
<td>1.4”</td>
<td>1.4”</td>
<td>1.2”</td>
<td>1.2”</td>
<td>1”</td>
<td>1.5”</td>
<td></td>
</tr>
<tr>
<td><strong>MOUNTING DIAMETER CLEARANCE</strong></td>
<td>188 mm [7-3/8”]</td>
<td>188 mm [7-3/8”]</td>
<td>156 mm [6-1/8”]</td>
<td>156 mm [6-1/8”]</td>
<td>136 mm [5-3/8”]</td>
<td>136 mm [5-3/8”]</td>
<td>51 mm [2”]</td>
<td>224 mm [8-13/16”]</td>
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<tr>
<td><strong>MOUNTING DEPTH CLEARANCE</strong></td>
<td>105 mm [4-1/8”]</td>
<td>105 mm [4-1/8”]</td>
<td>86 mm [3-3/8”]</td>
<td>86 mm [3-3/8”]</td>
<td>79 mm [3-1/8”]</td>
<td>79 mm [3-1/8”]</td>
<td>31 mm [1-1/4”]</td>
<td>381 mm [15”]</td>
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<tr>
<td><strong>LED LIGHTING</strong></td>
<td>CRGBW (Red, Green, Blue, Warm White, Cool White)</td>
<td>No</td>
<td>CRGBW (Red, Green, Blue, Warm White, Cool White)</td>
<td>No</td>
<td>CRGBW (Red, Green, Blue, Warm White, Cool White)</td>
<td>No</td>
<td>No</td>
<td>White / Blue</td>
<td></td>
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<tr>
<td><strong>WARRANTY</strong></td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
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## XS SERIES SPEAKER COMPARISON

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>XS-FL77SPGW</th>
<th>XS-F77CWB</th>
<th>XS-FL65SPGW</th>
<th>XS-F65CWB</th>
<th>XS-F40CWB</th>
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<tbody>
<tr>
<td>SPEAKER SIZE</td>
<td>7.7”</td>
<td>7.7”</td>
<td>6.5”</td>
<td>6.5”</td>
<td>4”</td>
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<tr>
<td>PEAK POWER (WATTS)</td>
<td>240</td>
<td>240</td>
<td>200</td>
<td>200</td>
<td>120</td>
</tr>
<tr>
<td>RMS POWER RATING (WATTS)</td>
<td>60</td>
<td>60</td>
<td>50</td>
<td>50</td>
<td>30</td>
</tr>
<tr>
<td>EFFICIENCY (1W/1M)</td>
<td>92dB</td>
<td>92dB</td>
<td>91dB</td>
<td>91dB</td>
<td>87dB</td>
</tr>
<tr>
<td>FREQUENCY RESPONSE</td>
<td>70Hz - 18kHz</td>
<td>70Hz - 18kHz</td>
<td>80Hz - 18kHz</td>
<td>80Hz - 18kHz</td>
<td>100Hz - 18kHz</td>
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<tr>
<td>IMPEDANCE</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
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<tr>
<td>TWEETER TYPE</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
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<tr>
<td>CONE MATERIAL</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
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<tr>
<td>VOICE COIL DIAMETER</td>
<td>1.18”</td>
<td>1.18”</td>
<td>1.18”</td>
<td>1.18”</td>
<td>1”</td>
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<tr>
<td>MOUNTING DIAMETER CLEARANCE</td>
<td>162 mm [6-3/8&quot;]</td>
<td>162 mm [6-3/8&quot;]</td>
<td>135 mm [5-5/16&quot;]</td>
<td>135 mm [5-5/16&quot;]</td>
<td>99 mm [3-7/8&quot;]</td>
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<tr>
<td>MOUNTING DEPTH CLEARANCE</td>
<td>77 mm [3&quot;]</td>
<td>77 mm [3&quot;]</td>
<td>67 mm [2-2/8&quot;]</td>
<td>67 mm [2-2/8&quot;]</td>
<td>54 mm [2-1/8&quot;]</td>
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<tr>
<td>LED LIGHTING</td>
<td>RGB</td>
<td>No</td>
<td>RGB</td>
<td>No</td>
<td>No</td>
</tr>
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<td>WARRANTY</td>
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# FM SERIES SPEAKER COMPARISON

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>FM-F77RW</th>
<th>FM-F77RB</th>
<th>FM-F65RW</th>
<th>FM-F65SB</th>
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<tbody>
<tr>
<td>SPEAKER SIZE</td>
<td>7.7&quot;</td>
<td>7.7&quot;</td>
<td>6.5&quot;</td>
<td>6.5&quot;</td>
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<tr>
<td>PEAK POWER (WATTS)</td>
<td>200</td>
<td>200</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>RMS POWER RATING (WATTS)</td>
<td>50</td>
<td>50</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>EFFICIENCY (1W/1M)</td>
<td>91dB</td>
<td>91dB</td>
<td>87dB</td>
<td>87dB</td>
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<tr>
<td>FREQUENCY RESPONSE</td>
<td>80Hz - 18kHz</td>
<td>80Hz - 18kHz</td>
<td>100Hz - 18kHz</td>
<td>100Hz - 18kHz</td>
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<tr>
<td>IMPEDANCE</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
</tr>
<tr>
<td>TWEETER TYPE</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
<td>Aluminum dome</td>
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<tr>
<td>CONE MATERIAL</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
</tr>
<tr>
<td>MOUNTING DIAMETER CLEARANCE</td>
<td>165 mm [6-1/2&quot;]</td>
<td>165x165 mm [6-1/2”x 6-1/2&quot;]</td>
<td>138 mm [5-7/16&quot;]</td>
<td>138x138 mm [5-7/16”x 5-7/16&quot;]</td>
</tr>
<tr>
<td>MOUNTING DEPTH CLEARANCE</td>
<td>83 mm [3-1/4&quot;]</td>
<td>83x83 mm [3-1/4”x 3-1/4&quot;]</td>
<td>70 mm [2-3/4&quot;]</td>
<td>70x70 mm [2-3/4”x 2-3/4&quot;]</td>
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<tr>
<td>LED LIGHTING</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td>WARRANTY</td>
<td>3 years</td>
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## SM SERIES / EL SERIES / SPEAKER COMPARISON

<table>
<thead>
<tr>
<th>Model</th>
<th>SM-F65CW</th>
<th>SM-F65CB</th>
<th>EL-F651SPG</th>
<th>EL-F651W</th>
<th>EL-F651B</th>
<th>MS-CL602</th>
<th>MS-OS420</th>
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<tbody>
<tr>
<td><strong>SPECIFICATIONS</strong></td>
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<td></td>
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<tr>
<td><strong>SPEAKER SIZE</strong></td>
<td>6.5”</td>
<td>6.5”</td>
<td>6.5”</td>
<td>6”</td>
<td>4”</td>
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</tr>
<tr>
<td><strong>PEAK POWER (WATTS)</strong></td>
<td>100</td>
<td>80</td>
<td>80</td>
<td>120</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RMS POWER RATING (WATTS)</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>40</td>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EFFICIENCY (1W/1M)</strong></td>
<td>84dB</td>
<td>88dB</td>
<td>88dB</td>
<td>89dB</td>
<td>86dB</td>
<td></td>
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<tr>
<td><strong>FREQUENCY RESPONSE</strong></td>
<td>150Hz - 20kHz</td>
<td>45Hz - 16kHz</td>
<td>45Hz - 16kHz</td>
<td>(-10dB/-3dB) 50Hz - 20kHz / 85Hz - 20kHz</td>
<td>80Hz - 20kHz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IMPEDANCE</strong></td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>6 ohms</td>
<td>4 ohms</td>
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<tr>
<td><strong>TWEETER TYPE</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>Silk dome</td>
<td>PEI</td>
<td></td>
<td></td>
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<tr>
<td><strong>CONE MATERIAL</strong></td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MOUNTING DIAMETER CLEARANCE</strong></td>
<td>130 mm [5-1/8”]</td>
<td>130 mm [5-1/8”]</td>
<td>130 mm [5-1/8”]</td>
<td>206 mm [8-1/8”]</td>
<td>200 mm x 137 mm [7-7/8” x 5-3/8”]</td>
<td></td>
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<tr>
<td><strong>MOUNTING DEPTH CLEARANCE</strong></td>
<td>24 mm [15/16”]</td>
<td>43 mm [1-11/16”]</td>
<td>43 mm [1-11/16”]</td>
<td>78 mm [3-1/16”]</td>
<td>163 mm [6-7/16”]</td>
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<tr>
<td><strong>LED LIGHTING</strong></td>
<td>No</td>
<td>RGB</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
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<tr>
<td><strong>WARRANTY</strong></td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
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# Subwoofer Comparison

<table>
<thead>
<tr>
<th></th>
<th>SG-S102W</th>
<th>SG-SL102SPW</th>
<th>XS-SL10SPGW</th>
<th>XS-S10CWB</th>
<th>FM-S10RW</th>
<th>FM-S10SW</th>
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<tbody>
<tr>
<td><strong>Subwoofer Size</strong></td>
<td>10&quot;</td>
<td>10&quot;</td>
<td>10&quot;</td>
<td>10&quot;</td>
<td>10&quot;</td>
<td>10&quot;</td>
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<tr>
<td><strong>Peak Power (Watts)</strong></td>
<td>600</td>
<td>600</td>
<td>600</td>
<td>600</td>
<td>400</td>
<td>400</td>
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<tr>
<td><strong>RMS Power Rating (Watts)</strong></td>
<td>300</td>
<td>300</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
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<tr>
<td><strong>Efficiency (1W/1M)</strong></td>
<td>86dB</td>
<td>86dB</td>
<td>86dB</td>
<td>86dB</td>
<td>86dB</td>
<td>86dB</td>
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<tr>
<td><strong>Magnetic Structure</strong></td>
<td>68 oz</td>
<td>68 oz</td>
<td>41 oz</td>
<td>41 oz</td>
<td>41 oz</td>
<td>41 oz</td>
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<tr>
<td><strong>Frequency Response</strong></td>
<td>30Hz - 2kHz</td>
<td>30Hz - 2kHz</td>
<td>30Hz - 2kHz</td>
<td>30Hz - 2kHz</td>
<td>30Hz - 2kHz</td>
<td>30Hz - 2kHz</td>
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<tr>
<td><strong>Impedance</strong></td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
<td>4 ohms</td>
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<tr>
<td><strong>Voice Coil Diameter</strong></td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>1.5&quot;</td>
<td>1.5&quot;</td>
<td>1.5&quot;</td>
<td>1.5&quot;</td>
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<tr>
<td><strong>Mounting Diameter Clearance</strong></td>
<td>223 mm [8-3/4&quot;]</td>
<td>223 mm [8-3/4&quot;]</td>
<td>223 mm [8-3/4&quot;]</td>
<td>223 mm [8-3/4&quot;]</td>
<td>269 mm [10-9/16&quot;]</td>
<td>269 mm x 269 mm [10-9/16&quot; x 10-9/16&quot;]</td>
</tr>
<tr>
<td><strong>Mounting Depth Clearance</strong></td>
<td>133 mm [5-1/4&quot;]</td>
<td>133 mm [5-1/4&quot;]</td>
<td>113 mm [4-1/2&quot;]</td>
<td>113 mm [4-1/2&quot;]</td>
<td>140 mm [5-1/2&quot;]</td>
<td>140 mm [5-1/2&quot;]</td>
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<tr>
<td><strong>LED Lighting</strong></td>
<td>No</td>
<td>CRGBW</td>
<td>RGB</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<tr>
<td><strong>Warranty</strong></td>
<td>3 years</td>
<td>3 years</td>
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## SIGNATURE SERIES AMPLIFIER COMPARISON

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<tr>
<th>Specifications</th>
<th>SG-DA12250</th>
<th>SG-DA14400</th>
<th>SG-DA16000</th>
<th>SG-2DA61500</th>
<th>SG-DA1500</th>
<th>SG-DA82000</th>
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<tbody>
<tr>
<td><strong>Peak Power (Watts)</strong></td>
<td>2250</td>
<td>1400</td>
<td>1600</td>
<td>1500</td>
<td>1500</td>
<td>2000</td>
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<td><strong>Amplifier Class</strong></td>
<td>Class-D</td>
<td>Class-D</td>
<td>Class-D</td>
<td>Class-D</td>
<td>Class-D</td>
<td>Class-D</td>
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<tr>
<td><strong>Frequency Response</strong></td>
<td>10Hz - 300Hz - 3dB (subwoofer)</td>
<td>10Hz - 50kHz - 3dB</td>
<td>10Hz - 50kHz - 3dB</td>
<td>10Hz - 50kHz - 3dB</td>
<td>10Hz - 40kHz - 3dB</td>
<td>10Hz - 40kHz - 3dB</td>
</tr>
<tr>
<td><strong>Operating Voltage</strong></td>
<td>10.8 - 16 V</td>
<td>10.8 - 16 V</td>
<td>10.8 - 16 V</td>
<td>21.6 V to 32 V DC</td>
<td>10.8 - 16 V</td>
<td>10.8 - 16 V</td>
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<tr>
<td><strong>Maximum Operating Current</strong></td>
<td>120A</td>
<td>80A</td>
<td>80A</td>
<td>35A</td>
<td>75A</td>
<td>100A</td>
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<tr>
<td><strong>Fuse Ratings</strong></td>
<td>3 x 40A</td>
<td>2 x 40A</td>
<td>2 x 40A</td>
<td>3 x 20A</td>
<td>3 x 40A</td>
<td>4 x 40A</td>
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<tr>
<td><strong>Under/Over Voltage Protection</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Total Rated Power Output 4 Ohm</strong></td>
<td>500 W RMS x 1 @ 14.4 V - 4 ohm &lt; 1% THD</td>
<td>150 W RMS x 4 @ 14.4 V - 4 ohm &lt; 1% THD</td>
<td>80 W RMS x 4 + 250 W RMS x 1 @ 14.4 V - 4 ohm 1% THD</td>
<td>100 W RMS x 6 @ 28.8 V input &lt; 1% THD</td>
<td>100 W RMS x 6 @ 14.4 V - 4 ohm &lt; 1% THD</td>
<td>100 W RMS x 8 @ 14.4 V - 4 ohm &lt; 1% THD</td>
</tr>
<tr>
<td><strong>Total Rated Power Output 2 Ohm</strong></td>
<td>850 W RMS x 1 @ 14.4 V - 2 ohm &lt; 1% THD</td>
<td>220 W RMS x 4 @ 14.4 V - 2 ohm &lt; 1% THD</td>
<td>130 W RMS x 4 + 330 W RMS x 1 @ 14.4 V - 2 ohm 1% THD</td>
<td>140 W RMS x 6 @ 28.8 V input &lt; 1% THD</td>
<td>140 W RMS x 6 @ 14.4 V - 2 ohm &lt; 1% THD</td>
<td>140 W RMS x 8 @ 14.4 V - 2 ohm &lt; 1% THD</td>
</tr>
<tr>
<td><strong>Total Rated Power Output</strong></td>
<td>1100 W RMS x 1 @ 14.4 V - 1 ohm &lt; 1% THD</td>
<td>440 W RMS x 2 @ 14.4 V - 4 ohm bridged 1% THD</td>
<td>250 W RMS x 2 @ 14.4 V - 4 ohm bridged 1% THD + 250 W RMS x 1 @ 14.4 V - 4 ohm 1% THD</td>
<td>280 W RMS x 3 @ 28.8 V input - 4 ohm bridged &lt; 1% THD</td>
<td>280 W RMS x 3 @ 14.4 V - 4 ohm bridged 1% THD</td>
<td>280 W RMS x 4 @ 14.4 V - 4 ohm bridged 1% THD</td>
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<tr>
<td><strong>Signal to Noise Ratio</strong></td>
<td>&gt;80dB</td>
<td>&gt;95dB</td>
<td>&gt;95dB</td>
<td>&gt;85dB</td>
<td>&gt;85dB</td>
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<tr>
<td><strong>Separation/Crosstalk</strong></td>
<td>-</td>
<td>&gt;45dB</td>
<td>&gt;45dB</td>
<td>&gt;60dB</td>
<td>&gt;60dB</td>
<td>&gt;60dB</td>
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<tr>
<td><strong>HP Variable Crossover</strong></td>
<td>10Hz - 80Hz (subwoofer)</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
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<tr>
<td><strong>LP Variable Crossover</strong></td>
<td>32Hz - 320Hz (subwoofer)</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
<td>32Hz - 320Hz</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
<td>3 years</td>
</tr>
</tbody>
</table>
# Amplifier Comparison

![MS-AM504](image1.png)  
![MS-AM402](image2.png)

## Specifications

<table>
<thead>
<tr>
<th></th>
<th>MS-AM504</th>
<th>MS-AM402</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Peak Power (Watts)</strong></td>
<td>500</td>
<td>400</td>
</tr>
<tr>
<td><strong>Amplifier Class</strong></td>
<td>Class-AB</td>
<td>Class-AB</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>5Hz - 38kHz - 3dB</td>
<td>5Hz - 38kHz - 3dB</td>
</tr>
<tr>
<td><strong>Operating Voltage</strong></td>
<td>10.8 - 16 V</td>
<td>10.8 - 16 V</td>
</tr>
<tr>
<td><strong>Maximum Operating Current</strong></td>
<td>50A</td>
<td>25A</td>
</tr>
<tr>
<td><strong>Fuse Ratings</strong></td>
<td>2 x 25A</td>
<td>1 x 25A</td>
</tr>
<tr>
<td><strong>Under/Over Voltage Protection</strong></td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Total Rated Power Output 4 Ohm</strong></td>
<td>65 W RMS x 4 @ 14.4 V - 4 ohm 1% THD</td>
<td>65 W RMS x 2 @ 14.4 V - 4 ohm 1% THD</td>
</tr>
<tr>
<td><strong>Total Rated Power Output 2 Ohm</strong></td>
<td>100 W RMS x 4 @ 14.4 V - 2 ohm 1% THD</td>
<td>100 W RMS x 2 @ 14.4 V - 2 ohm 1% THD</td>
</tr>
<tr>
<td><strong>Total Rated Power Output 4 Ohm Bridged</strong></td>
<td>200 W RMS x 2 @ 14.4 V - 4 ohm Bridged 1% THD</td>
<td>200 W RMS x 1 @ 14.4 V - 4 ohm Bridged 1% THD</td>
</tr>
<tr>
<td><strong>Signal to Noise Ratio (at 4 Ohm Rated Power Output)</strong></td>
<td>&gt;95dB</td>
<td>&gt;95dB</td>
</tr>
<tr>
<td><strong>Separation/Crosstalk</strong></td>
<td>&gt;60dB</td>
<td>&gt;60dB</td>
</tr>
<tr>
<td><strong>HP Variable Crossover</strong></td>
<td>40Hz – 600Hz</td>
<td>40Hz – 600Hz</td>
</tr>
<tr>
<td><strong>LP Variable Crossover</strong></td>
<td>40Hz – 160Hz</td>
<td>40Hz – 160Hz</td>
</tr>
</tbody>
</table>
| **Mounting Dimensions**   | Length: 366 mm [14-7/16"]  
                          | Width: 299 mm [9"]  
                          | Height: 53 mm [2-1/16"] | Length: 299 mm [11-2/3"]  
                          | Width: 299 mm [9"]  
                          | Height: 53 mm [2-1/16"] |
| **Warranty**              | 1 year   | 1 year   |
STEREOACTIVE

TUNER
FM / AM (Japan, Australasia, Europe, U.S.)
+ Weatherband (U.S. only)

BLUETOOTH
V 4.1 with ANT® support / A2DP / AVRCP

USB
Type-A port with Apple/Android 1A charging

USB FORMATS
FAT 32

USB AUDIO FORMATS
MP3

MADE FOR IPOD AND IPHONE
Apple IAP2 lightning connector products

AOA ANDROID
Android open source audio protocol

SPEAKERS
2 x 2.5” + passive radiator

AMPLIFIER
Class-D / 40-watts (2 x 20 W RMS)

OUTPUT PER CHANNEL

BATTERY
Internal rechargeable Li-ion battery provides up to 20 hours of use

CHARGING REQUIREMENTS
110–220 V AC wall charger (supplied) or 12VDC 2A car charger (optional accessory); charges within 3 hours

WATER RESISTANT
IPX7 / Floats

CHASSIS
Polycarbonate with TPE overmold

FUSION-LINK REMOTE APP VIA BLUETOOTH
Control via : Apple (Lightning connector products) and Android

SMARTWATCH APP VIA ANT
Garmin Smartwatches (vivowactive® / HR, fenix® 3 / HR, tactix® Bravo, quatix® 3, D2 Bravo) - requires Fusion-Link™ Garmin Connect IQ™ app

VOICE PROMPTS
12 unique multi-language voice prompts (download available from www.stereoactive.com)

MOUNTING
Standard Fusion Puck Mount supplied with screw and adhesive pad, custom Puck mounting solutions are available as accessories

DIMENSIONS
236 mm (W) x 82 mm (H) x 139 mm (D)
9-5/16”(W) x 3-1/4”(H) x 5-1/2”(D)

WEIGHT
1.3kg

TECHNICAL SPECIFICATIONS

STEREOS
Common Stereo Specifications

FM TUNER
Europe and Australasia frequency range 87.5–108 MHz
U.S. frequency range 87.5–107.9 MHz
Japan frequency range 76–95 MHz

AM TUNER
Europe and Australasia frequency range 522–1620 kHz
U.S. frequency range 530–1710 kHz
Japan frequency range 522–1620 kHz

GENERAL
Operating voltage +10.8–16 VDC
Pre – Output voltage excluding 70 Series and BB100 4 V p-p
Pre – Output voltage 70 Series and BB100 3 V p-p
Fuse rating (exception MS-RA55) 15 Amp

MS-RA70, MS-RA70N, MS-BB100
Max power 50 W x 4

MS-RA55
Fuse rating 15 Amp
Max power 45 W x 4

MS-BB300
Max power 50 W x 4

WIRED REMOTE CONTROL
MS-NRX300
Mounting diameter 50 mm (2”)
Screen FSTN Dot Matrix LCD
Connection NMEA 2000® Micro

• Compatible with MS-RA770, MS-RA670, MS-UD755, MS-AV755, MS-RA70N, MS-BB100, MS-UD650, MS-AV650 and MS-BB300
• BB100 and RA70N requires existing powered NMEA 2000 network

BLUETOOTH MODULES
MS-BT100
Effective range 10 m (33ft)
Bluetooth profile A2DP
Connects via Aux in
Power requirements: 12 V DC (negative ground)
Operating voltage 10.5–16 V

PORTABLE MEDIA DEVICE DOCK
MS-UNIDOCK
Media device dimension: 137 mm x 71 mm x 13 mm (3-1/5"x2-3/4"x1/2")
• Compatible with MS-AV755, MS-UD755, MS-AV650, MS-UD650, MS-RA70N, MS-BB100, MS-BB300 and MS-RA205, MS-IP700i, MS-AV700i

DAB+ RADIO
Regions supported EU, Norway, Switzerland, Australia
Standard compatibility DAB, DAB+
Input voltage 10.8-16 VDC
• Compatible with MS-RA770, MS-RA670, MS-AV755, MS-UD755, MS-AV650, MS-UD650, MS-BB100, MS-RA70, MS-RA70N

PRODUCT NOTES

STEREOACTIVE