





## THE FUTURE WITH FUSION

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™ 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



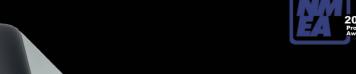














### FUSION'S DIGITAL SIGNAL PROCESSING

The power of Fusion's DSP enables the optimization of music playing in each audio zone on your vessel, providing premium audio delivery to all Fusion speakers and subwoofers in any environment.



## PARTYBUS→ FUSION-PARTYBUS™

Engineered for those who value the freedom of musical choice, and freedom to play what they want, where they want, PartyBus\* is Fusion's audio distribution network of the future.



## 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 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 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.



# Wireless OVER-THE-AIR Software Updates OVER-THE-AIR

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 the industry standard protocol for on-water audio integration and control. Fusion-Link enables you to control the entertainment right from partnered marine Multi-Function Displays, compatible devices and Garmin watches.

MS-RA770

\*Available on the MS-RA670 when connected to a wireless network router or Wi-Fi enabled Apollo Series stereo network. | \*\*Not available on MS-SRX400



## **DSP** TECHNOLOGY



#### SUPERIOR SOUND QUALITY IN EVERY ENVIRONMENT

A technically superior listening experience made simple, Fusion DSP 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, for a premium audio entertainment experience unprecedented in the marine environment.



#### EEED\_EORWARD LIMITER

The sophisticated feed-forward limiter anticipates a peak in the audio and adjusts the gain to ensure a **distortion-free listening experience**.



#### /OLUME FOLIALIZER

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



#### SPEAKER 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's DSP adjusts the audio signal to ensure **optimized audio delivery** custom to each zone, for a premium audio entertainment experience.

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

# with Environmental Profile with DSP Profile without DSP

#### SOUND SPECTRUM

#### 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 – without the need for you to have a technical understanding.







# PARTYBUS GIVES THE FREEDOM OF MUSICAL CHOICE ACROSS THE ENTIRE VESSEL

PartyBus is Fusion's audio distribution network of the future. Engineered for those who value freedom of musical choice, and freedom to play what they want, where they want.

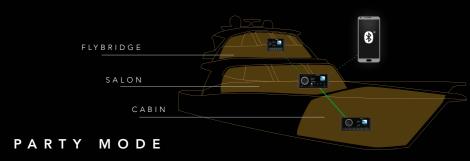
The power of PartyBus kicks in when you add more PartyBus enabled stereos to your entertainment system. Each additional PartyBus enabled stereo gives you the option to join Party Mode and play the **same perfectly synced audio source throughout the entire vessel**. Switch into Personal Mode and listen to available audio sources from your stereo in the area of your choice without disrupting Party Mode in the other areas of the vessel.

#### APOLLO NETWORKING

The Apollo RA770 and the SRX400 are designed with Wi-Fi on board so you can wirelessly connect multiple Apollo stereos without running any cables, which reduces installation time, cost and complexity.

The **Apollo RA670** uses Ethernet to connect into the PartyBus network. Simply connect it to an external router (Wi-Fi network), or via an Ethernet cable to another PartyBus-enabled stereo to gain PartyBus functionality.





One Bluetooth® source playing audio perfectly synced across three **PartyBus** enabled stereos in Party Mode.



One Bluetooth® source playing independently in the Cabin without disrupting Party Mode in the Salon or Flybridge, while another Bluetooth® source continues to play audio perfectly synced across the Flybridge and Salon in Party Mode.



## **BUILT-IN** WI-FI



# **DSP PROFILES** FROM THE **FUSION-LINK™** APP



Blowing Bluetooth® audio streaming out of the water, you can sit back and enjoy higher quality audio with **Wi-Fi** audio streaming – a marine industry first!





THE WORLD'S FIRST MARINE STEREOS TO BRING YOU SEAMLESS HIGH QUALITY AUDIO STREAMING VIA Apple AirPlay® 2 & UPnP®.

You can finally enjoy the convenience and sheer quality of Wi-Fi audio streaming via **Apple AirPlay 2** and UPnP on board\*. The **Apollo Series** are the world's first marine stereos 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 vessel with volume control individually or globally.



## **OVER-THE-AIR SOFTWARE UPDATES**

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



## EASY-TO-INSTALL DSP PROFILES FROM YOUR COMPATIBLE DEVICE

Setting up your **DSP** 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<sup>TM</sup> 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.







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's DSP

\*Available on the MS-RA670 when connected to a wireless network router or Wi-Fi enabled Apollo Series stereo network.

TRUE-MARINE™

DESIGN









Fusion's **True-Marine design philosophy** 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 Fusion's quality, True-Marine accreditation has become a measure for others in our industry to aspire to.

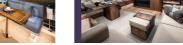
To gain "True-Marine" status, all our products undergo extensive testing above and beyond industry standards to prove their suitability for long-term use in harsh marine conditions. All True-Marine stereos, speakers, subwoofers, amplifiers, media docks and wired remote controls are **IP** (Ingress Protection) 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 two 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 **ten years ago**, giving you the freedom to independently control the music in up to four 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 MFD or **Fusion-Link app**. Alternatively, you can install an MS-NRX300 wired remote in any audio zone for hardwired local control.









FLYBRIDGE

SALON

AFT DECK

MASTER CABIN





## FUSION-LINK™ APP



## FUSION-LINK™ LITE



**Fusion-Link** makes control of your on-water entertainment easier than ever. Quickly find your favorite song, tune in to the sports or turn up the volume all from your partnered Multi-Function Display (MFD).

Fusion-Link is the **most widely adopted protocol** for on-water audio integration, supported by the world's leading electronics manufacturers 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 on-board 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™ store to enable wireless control via ANT® technology from your compatible Garmin watch.

Raymarine







FUSION-LINK™





















# UNDERSTANDING THE POWER OF FUSION





#### **MOUNTING**

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.



#### CONFIGURATION

The number of line outs, sub outs or channels a Fusion stereo or amplifier can be configured with to customize your audio entertainment solution for your vessel.



### **POWER**

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



### **IMPEDANCE**

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.



# WATER RESISTANCE IPX STANDARD

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.



## PRODUCT ENGINEERING

The latest product design and engineering behind each product's superior performance.



# AMPLIFIER TECHNOLOGY

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



#### CONE

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





### **USER INTERFACE**

#### LED LIGHTING

#### **SOURCES**

Enjoy easy, intuitive stereo control with the Fusion user interface, providing an enhanced user experience.

LED lighting undeniably enhances your on board entertainment experience. RGB and dual color options are available within our range of speakers and subwoofers to suit the aesthetics of your vessel.

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

































SiriusXM-READY



#### **TWEETER**



### **DISPLAY**

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

## **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.







Different tweeter types and materials are used to complement each speaker design for crisp, high frequency audio reproduction.



# **MARINE STEREO UNITS**

## **APOLLO SERIES**



Apollo Series

### **MARINE STEREOS**



RA70 Series



MS-RA210



MS-BB300R



MS-BB100







Panel Stereo

**Stereo**Active

MS-RA55

## APOLLO 770



































## INSPIRED BY APOLLO, THE GOD OF MUSIC

Building on Fusion's industry recognized True-Marine™ design philosophy, the new Apollo Series led by the Apollo RA770 takes marine audio entertainment to the next level. Through creative design and technological brilliance, a purpose-built marine audio entertainment system featuring many world-firsts has been created, 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™, along with the freedom to customize your audio to your precise preferences with DSP technology.











Sea Ray SDX 270

- The Apollo RA770 harnesses the power of Fusion DSP, letting you optimize each audio zone on your vessel 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
- 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 enables other PartyBus products on the network to connect to the Apollo RA770 in Party Mode and play the same perfectly synced audio source throughout the entire vessel. Opt into Personal Mode on any PartyBus enabled product and listen to available audio sources from your stereo in the area of your choice without disrupting Party Mode in the other areas of the vessel.













### **KEY** FEATURES

The **Apollo RA770** surpasses previous standards set in audio entertainment, creating a new, world-class audio entertainment experience featuring:



Custom audio profiles for each zone in your vessel to deliver higher quality audio



Fusion-PartyBus is the new way to enjoy music on your boat



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 your tunes from a compatible Multi-Function Display, compatible device or Garmin watch



Multi-Zone™ Technology control in four separate audio zones



IPX6 & IPX7 Ingress Protection rating



Class-D amplifier design for higher efficiency and



280 W peak power output



2 Ohm stereo stable for wiring up to 2x 4 Ohm speakers per channel

## APOLLO 670





**MS-RA**670































#### ADDING TO THE SUM OF AUDIO INNOVATION

Introducing the newest addition to the Apollo Family – the brand new Apollo RA670 inherits key audio innovations and technological brilliance from the award-winning Apollo RA770, re-embodied in a more compact form factor. Featuring a brilliant, optically bonded, full-color LCD display, Fusion's DSP technology for a technically superior listening experience and system protection, Fusion-Link $^{TM}$  integration and control from compatible MFDs, smart devices and Garmin watches, Multi-Zone™ control in up to three audio zones, Apple AirPlay® 2 and PartyBus™ capabilities when connected to a Wi-Fi or Apollo network, the Apollo RA670 is truly a powerful extension of the Apollo Series.



Axopar 37 Brabus









- The Apollo RA670 harnesses the power of Fusion DSP, letting you optimize each audio zone on your vessel 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 PartyBus enables other PartyBus products on the network to connect to the Apollo RA670 (via Ethernet) in Party Mode and play the same perfectly synced audio source throughout the entire vessel. Opt into Personal Mode on any PartyBus enabled product and listen to available audio sources from your stereo in the area of your choice without disrupting Party Mode in the other areas of the vessel. (\*)
- 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 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 like experience on your vessel.

## **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 vessel to deliver higher quality audio



Fusion-PartyBus\* is the new way to enjoy music on your boat



Over-the-air software updates\* from your compatible device via the free **Fusion-Link** app



2.7" color display



Control your tunes from a compatible Multi-Function Display, compatible device or Garmin watch



Multi-Zone Technology control in three separate audio zones



IPX6 & IPX7 Ingress Protection rating for performance season after season



Class-D amplifier design for higher efficiency and output



280 W peak power output



2 Ohm stereo stable for wiring up to 2x 4 Ohm speakers per channel

(\*) Available when connected to a wireless network router or Wi-Fi enabled Apollo Series stereo network.







**MS-SRX**400

# THE APOLLO SRX400 IS A PERFECT COMBINATION OF COMPACT DESIGN & SUPERIOR SOUND











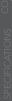
## QUALITY AUDIO IN A COMPACT ZONE STEREO

For convenience without compromizing on quality. The premium design, engineering and powerful feature set of the Apollo Series is combined in a compact, versatile form factor in the Apollo SRX400. With PartyBus<sup>TM</sup>, 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's 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.













- Providing a tidy, premium finish, you can install your **Apollo SRX400** easily in one piece. Being 2 Ohm stereo stable, this zone stereo can extend your audio entertainment and connect up to two 4 Ohm speakers per channel.
- The Apollo SRX400 harnesses the power of Fusion DSP to optimize the sound sent to your Fusion speakers on your vessel, giving you premium audio in any zone. From the kick drum to your eardrum, Fusion DSP reproduces 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 to each other without running any wires reducing installation time, cost and complexity.
- Harness the power of PartyBus and enjoy the freedom of musical choice by installing the Apollo SRX400 into different audio zones on board. Connect to your Apollo RA770 in Party Mode and play the same perfectly synced audio throughout your vessel or opt into Personal Mode and listen to your own music in any area without disrupting Party Mode around the boat.

## **KEY** FEATURES

The **Apollo SRX400**, with its innovative technology and design, offers a new world-class audio entertainment experience, featuring:



Custom audio profiles for each zone in your vessel to deliver higher quality audio



**Fusion-PartyBus** is the new way to enjoy music on your boat



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.



Control your tunes from a compatible Multi-Function Display or compatible device



2.7" color display



IPX6 & IPX7 Ingress Protection rating



Class-D amplifier design for higher efficiency and output



140 W peak power output



2 Ohm stereo stable for wiring up to 2x 4 Ohm speakers per channel



Compact design

## RA70SERIES





**MS-RA**70

MS-RA70N

MS-RA70NSX

# FUSION'S SLEEKEST VALUE-PACKED MARINE STEREO IN A DIN SIZED FORM FACTOR

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.













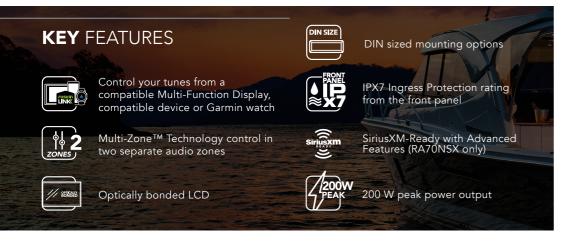




(((SiriusXM)))

DAB+ READY

SiriusXM-READ





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

- NMEA 2000® network via a partnered Multi-Function 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**:



#### ADVANCED FEATURES

- $\bullet$  TuneStart<sup>TM</sup>
- Song/Artist Alerts
   SportsFlash™ Alerts
- TuneMix™
- Com Alan
- nology Instant Replay
- Game Alerts

**Note:** MS-RA70NSX is only available in the USA. A SiriusXM Connect Vehicle Tuner and subscription are required (continental US & Canada only).







**MS-RA**210

# NEW AESTHETICS, COMPACT DESIGN & ENHANCED AUDIO CAPABILITIES

The new MS-RA210 is a compact marine stereo featuring Fusion's new-look design aesthetics and DSP for an optimized audio entertainment experience.

















((SiriusXM))





With a brilliant 2.7" optically bonded, full-color LCD, Bluetooth and ANT® capabilities, Fusion-Link control, and IPX6 & IPX7 rated from the front face, the MS-RA210 is a sleek addition to your vessel.

Download the free Fusion-Link app from the App Store® or Google Play™ and follow the three-step process to configure the DSP profiles in your RA210 for an enhanced listening experience.







## **PANEL-STEREO**

1 YEAR



**PS-**A302B

**PS-**A302BOD

# THE PANEL-STEREO IS THE ULTIMATE PLUG & PLAY, ALL-IN-ONE SOLUTION FOR AUDIO ENTERTAINMENT

#### OUTSTANDING AUDIO IN AN ALL-IN-ONE, PLUG & PLAY SOLUTION

Outstanding on-board audio from a single product is only a **Panel-Stereo** away. An impressive collection of acoustic features with brilliant design ensures you can enjoy quality music **anywhere on board** from the convenience of a single unit.

The magic is in the details. Experience premium, optimized audio with the perfectly tuned enclosure combining **built-in amplification**, stereo source selection, two 3" speakers and a large surface passive bass radiator. An unbelievably smooth frequency response is produced with **Fusion's Digital Signal Processing**, along with high efficiency for outstanding audio reproduction – all from a one-piece, easy to install design.

Now including an IP65 weatherproof and UV resistant design in the **PS-A302BOD** outdoor, the **Panel-Stereo** range is all you need for quality listening anywhere on board.





















# PANEL > STEREO

SOLUTION



The Panel-Stereo is designed to save you time and money through a quick and simple installation process. Requiring only 12V dc power, a ground connection and an AM/ FM antenna at installation, with a single cut-out at the most, it is a true plug-and-play, simple, all-in-one audio entertainment solution.

A spacer is also available for surface installation, depending on the depth available and finish required, for a professional quality indoor installation. This 43mm spacer allows for installation directly onto any flat surface with no mounting cut-out required.

Enjoy the flexibility of wireless control of your on board entertainment from anywhere on your vessel with the Fusion-Link™ remote control app, with multiple connectivity options available:

- Bluetooth® Wireless Technology via a compatible smart device.
- ANT® Technology via a wireless Fusion ARX remote, or a compatible Garmin watch with the Fusion-Link Lite app.

## **KEY** FEATURES

Outstanding engineering and attention to detail has resulted in an ultimate plug & play, all-in-one audio entertainment solution.



Hi-Fi audio reproduction through Digital Signal Processing technology



Control your tunes from a compatible device or Garmin watch



Professional sound quality with preconfigured DSP



Flush, flat or surface mounting options available



IP65 Ingress Protection rating from the front face



Class-D amplifier design for higher efficiency and output



140 W peak power output



Sealed, tuned enclosure with a passive bass radiator



USB port located on the front of the stereo for media player or USB flash drive connection



Voice prompts to guide operation



**BB**300R



**MS-BB**300R

**MS-NRX**300

# A PERFECT BLEND OF PERFORMANCE AND SUBTLETY IN A BLACK BOX

When space is a premium at the helm, a compact audio entertainment solution is required. There is no need to compromize on performance with the 'plug and play' feature-packed MS-BB300R black box including the NRX300 remote to occupy minimal dash space.



















(((SiriusXm))

DAB+ READY

SiriusXM-READY







**BB**100

1 YEAR



**MS-BB**100

# A COMPACT, VALUE-PACKED BLACK BOX ENTERTAINMENT SOLUTION

There is no need to compromize 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.













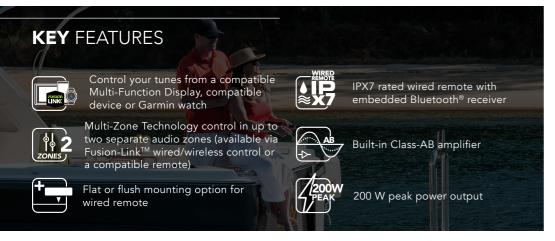




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FM RADIO DAB+ READY







## **STEREO**ACTIVE





**STEREO**ACTIVE

**ACTIVE**SAFE

# THE ONLY MARINE STEREO YOU CAN USE 365 DAYS A YEAR IN ANY APPLICATION

Designed and engineered to produce crystal clear music in any day of the year, the **Stereo**Active and the **Active**Safe\* enhances your life and adventures on and off the water.



















Combining quality music reproduction, intelligent functionality and an extensive feature set, this rugged, portable, water resistant and buoyant stereo is prepared for anything.

The StereoActive provides powerful audio delivery in the outdoor environment, with two 20 Watt 2.5" custom designed directional speakers, a passive radiator and Class-D amplifier, all perfectly tuned for the ruggedized housing. Each active driver has a dual neodymium magnet system structure to deliver the full range of sound at extended volume levels.



WS-SA150B Blue StereoActive WS-SA150W White StereoActive WS-SA150R Red StereoActive

WS-DK150B Blue ActiveSafe WS-DK150W White ActiveSafe WS-DK150R Red ActiveSafe

\*ActiveSafe sold separately























**MS-RA**55

# FUSION'S MOST COMPACT AND COMPETITIVE MARINE STEREO EVER

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.























# **MARINE** SPEAKERS

#### SIGNATURE SERIES







Signature Series Wake Tower Speakers



Signature Series Tweeters

#### XS SERIES



XS Series Speakers

### **FM SERIES**



FM Series Speakers

### **OTHER SPEAKERS**













Sound Panel **EL Series** 

SM Series

True-Marine

In-ceiling

**Box Speakers** 

## SIGNATURE SERIES **SPEAKERS**



**SPORTS** WHITE

**CLASSIC** WHITE

**SPORTS** CHROME

# EXCEPTIONAL DESIGN & ACOUSTIC ENGINEERING HAS CREATED A SPEAKER RANGE WITH A STUNNING SIGNATURE SOUND

#### THE POWER OF MUSIC

Pushing the boundaries of what is possible on the water even further, Fusion's new generation Signature Series marine speakers offer unparalleled performance even when exposed to the harsh marine environment.

Featuring enhanced acoustics and redesigned sports grilles, the new generation Signature Series range is so acoustically stunning, and at the same time so robust and wellformed, it delivers a truly unprecedented audio experience out on the water.

Signature Series 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.



#### 8.8" 330 WATT COAXIAL MARINE SPEAKERS

**SG-F**88W - Classic White marine speakers SG-FL88SPW - Sports White speakers with LEDs **SG-FL**88SPC - Sports Chrome speakers with LEDs

#### 7.7" 280 WATT COAXIAL MARINE SPEAKERS

SG-C77W - Classic White marine speakers **SG-CL**77SPW - Sports White speakers with LEDs SG-CL77SPC - Sports Chrome speakers with LEDs

#### 6.5" 230 WATT COAXIAL MARINE SPEAKERS

**SG-C**65W - Classic White marine speakers SG-CL65SPW - Sports White speakers with LEDs SG-CL65SPC - Sports Chrome speakers with LEDs

#### CLASSIC BLACK GRILLES

SG-X65B - Classic Black marine grilles SG-X77B - Classic Black marine grilles SG-X88B - Classic Black marine grilles





## **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.



**CURV Cone Technology** 



Silk dome tweeter



Dual-color diffused LED lighting options (Sports style only)



Large diameter voice coil



IP65 Ingress Protection rating



330 W peak power output



4 Ohm impedance



Fully sealed crossover components



High grade basket construction



Designed to comply with ISO12216



#### SILK DOME TWEETER -

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

#### DUAL-COLOR LED LIGHTING DIFFUSER

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

#### CURV CONE TECHNOLOGY

CURV is a woven fibre 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 speakers.



**FULLY SEALED** 

COMPONENTS

All crossover components

environment. This delivers

response at the crossover

point for a detailed audio

spectrum and a new level of acoustic performance.

an improved frequency

are sealed, resulting in

enhanced protection from the harsh marine

CROSSOVER

The basket housing is made from high grade engineered plastics to deliver unprecedented durability when exposed to the marine environment.





# SIGNATURE SERIES WAKE TOWER SPEAKERS





SG-FT88SPC

SG-FT88SPWC

# 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



SIGNATURE PERFORMANCE

**ENCLOSURE DESIGN** 

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.



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.



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

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 AESTHETIC

The Signature Series wake tower speakers incorporate premium materials and marine-specific design elements that communicate not only their premium aesthetics, but 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.

## 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.\*

\*Mounting brackets sold separately.



### **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 W peak power output



4 Ohm impedance



Fully sealed crossover components



High grade basket construction



## **SIGNATURE SERIES MOUNTING BRACKETS**



**UNIVERSAL** SWIVEL

**UNIVERSAL** FIXED

**DECK** MOUNT

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

Mounting brackets and inserts are available to install your 8.8" Signature Series 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 NEW





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



## **SIGNATURE SERIES COMPONENT TWEETERS**



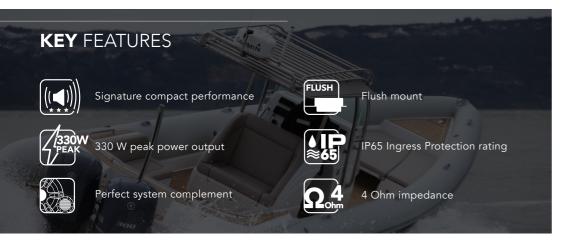


**SG-TW**10

# ADD ANOTHER DIMENSION O YOUR MUSIC WITH A NEW COMPONENT TWEETER

Gone are the days where the on board audio is compromized 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 speakers and Fusion DSP-enabled stereos, like the Apollo Series\*.

\*Requires a 2 Ohm stable per channel amplifier.





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.



330 WATT COMPONENT TWEETERS SG-TW10

**XS SERIES SPEAKERS** 



**CLASSIC** WHITE

**SPORTS** WHITE

**SPORTS** GREY

**CLASSIC** BLACK

# ACOUSTICALLY OPTIMIZED FOR AN EXCELLENT ON-WATER AUDIO EXPERIENCE

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 Fusion's trademark quality audio reproduction, enhanced marine aesthetics and now 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 are acoustically optimized to provide an excellent audio entertainment experience out on the water.



4" 120 WATT MARINE SPEAKERS

6.5" 200 WATT MARINE SPEAKERS

6.5" 200 WATT MARINE SPEAKERS

7.7" 260 WATT MARINE SPEAKERS

7.7" 260 WATT MARINE SPEAKERS

XS-F77CWB - Classic White/Black



Grady White Freedom 215



### ENGINEERING AND CONSTRUCTION

### ALUMINUM DOME TWEETER

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

### 

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.

### TRANSLUCENT CONE

By using a translucent, water-resistant IMPP cone, we are able to incorporate consistent multi-color illumination. It also improves the robustness of the speaker, allowing it to perform season after season in the harsh marine environment, with minimal degradation.

### OVERHUNG VOICE COIL

The overhung design reduces distortion and increases power and efficiency, to deliver a truly high quality sound experience.



High grade plastic grilles designed for durability in the marine environment which protects the speakers. Removable and interchangeable for personalization.

### WEATHERPROOF SURROUND

By using a pleated water-resistant fabric surround, it reinforces the speaker's durability. Passing IP65 standards, ensures user's 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. With reduced mounting depth, the speaker can be mounted in a variety of areas.



Multi-color **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.

### **KEY** FEATURES

Enhance your on-water experience with high performance audio and new lighting aesthetics.



Aluminum dome tweeter



IP65 Ingress Protection rating



Alternative grilles supplied



Designed to be installed in the FR Series mounting hole



RGB-illuminated with static and dynamic color\*



260 W peak power output



4 Ohm impedance



Fully sealed crossover components



Designed to comply with ISO12216



## **FM SERIES SPEAKERS**





**ROUND** BLACK

**ROUND** WHITE

**SQUARE** BLACK

**SQUARE** WHITE

# CLEAR AUDIO & CLEAN AESTHETICS MAKES THE FM SERIES ALL-CLASS

The new FM Series marine speakers are engineered to deliver quality acoustics to your vessel in a sleek and minimalistic aesthetic to meet the latest boat design trends. The FM Series are designed to be flush mounted with a mounting profile no thicker than 2.5mm [3/32"], for a near flat finish.

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





Axopar Brabus Shadow 800

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

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

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

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

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

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

7.7" 200 WATT MARINE SPEAKERS FM-F77SB - Square Black

7.7" 200 WATT MARINE SPEAKERS 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

By using a pleated water-resistant fabric surround, it reinforces the speaker's durability. Passing IP65 standards, ensures user's 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 two color options (black or white), the FM Series will match the aesthetics on any vessel.

### 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 vessel.



2.5mm [3/32"] MOUNTING PROFILE



### **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 W peak power output (6.5" speakers)



200 W peak power output (7.7" speakers)



4 Ohm impedance



Designed to comply with ISO12216

## EL SERIES SPEAKERS





**CLASSIC** WHITE

**CLASSIC** BLACK

**SPORTS** GREY

# ENERGIZE YOUR BOATING EXPERIENCE WITH THE NEW EL SERIES SPEAKERS

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.







Multi-color **RGB LED lighting** is available with the Sports style speakers\*. Energize your on board experience with lighting in any color you choose.





6.5" 150 WATT MARINE SPEAKERS EL-F651W - Classic White

6.5" 150 WATT MARINE SPEAKERS
EL-F651B - Classic Black

<u>6.5" 150 WATT MARINE SPEAKERS</u> **EL-FL651**SPG - Sports Grey with RGB LEDs

6.5" SPORTS WHITE MARINE GRILLES EL-X651SPW - SPORTS WHITE

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



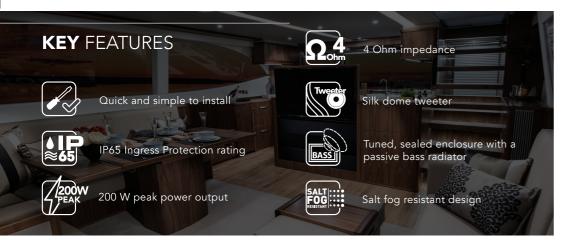
**RV-FS**402B

**RV-FS**402W

# FUSION'S MOST VERSATILE, SIMPLE TO INSTALL SPEAKER SOLUTION

Finally, the age-old problem of achieving professional-quality sound from a shallow mount speaker has been solved! Now there's no need to compromize on either your mounting options or sound quality, as the **Sound-Panel** delivers on every front.

Outstanding audio quality from a shallow form factor is achieved through the combination of two 4" speaker drivers, two soft-dome tweeters and a large surface passive radiator, all in a perfectly tuned enclosure with a maximum mounting depth of only 41mm (1-5/8").





With only a 41mm (1-5/8") maximum depth required for flush installation, the Sound-Panel can be installed in most locations where standard speakers are too deep. **Optional mounting spacers** are available to create a professional finish in both **indoor or outdoor installations** at either 1" or ¾" mounting depths. By using the 41mm (1-5/8") spacer the Sound-Panel can be installed directly onto any flat surface with no mounting cut-out required.





## SM SERIES SPEAKERS



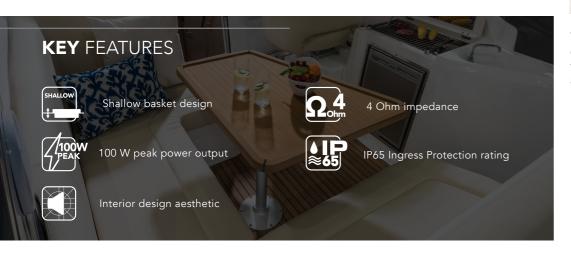


SM-F65CW

SM-F65CB

# SHALLOW MOUNT DESIGN AND QUALITY AESTHETICS

With a shallow mounting depth of just 24mm [15/16"], the **SM Series** are ideal for installation where mounting depth is limited, without compromizing sound quality and performance normally associated with restrictive mounting depths. Specifically 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** that often reduce sound quality and complicate installation. The SM Series has three optional accessory mounting spacers to support installations in various positions.



spacer

spacer

6.5" 100 WATT MARINE SPEAKERS SM-F65CW - White

6.5" 100 WATT MARINE SPEAKERS

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

# TRUE-MARINE SERIES





MS-FR4021

**MS-FR**6021/6022

**MS-FR**7021/7022

# QUALITY ON-WATER AUDIO ENTERTAINMENT SEASON AFTER SEASON

Enjoy quality audio that you can trust to last season after season. Providing sustained high performance during exposure to the marine elements, the **True-Marine speakers** combine innovations and materials to produce fantastic sound while resisting the environment.







<u>4" 120 WATT 2-WAY SPEAKERS</u> MS-FR4021

<u>6" 200 WATT 2-WAY SPEAKERS</u> MS-FR6021

7" 260 WATT 2-WAY SPEAKERS MS-FR7021

6" 200 WATT 2-WAY SPEAKERS MS-FR6022\*

7" 260 WATT 2-WAY SPEAKERS MS-FR7022\*

\*Available in USA only.



# IN-CEILING SPEAKERS

1 YEAR WARRANTY





# MS-CL602

# ELEGANT & DISCREET TO COMPLEMENT THE INTERIOR OF ANY VESSEL

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





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 vessel, the MS-OS420 speakers feature fully adjustable mounting brackets for versatile installation options.

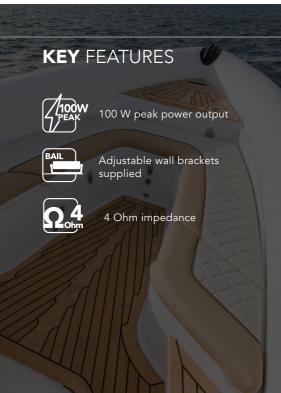


**MS-OS**420

# 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.







# MARINE SUBWOOFERS

### SIGNATURE SERIES



Signature Series Subwoofers

### **XS SERIES**



XS Series Subwoofers

### FM SERIES



FM Series Subwoofers

### TRUE-MARINE



True-Marine Subwoofer

# SIGNATURE SERIES SUBWOOFERS





**SPORTS WHITE** 

**CLASSIC WHITE** 

**SPORTS CHROME** 

# ENHANCE YOUR ON-WATER EXPERIENCE WITH PREMIUM LOW FREQUENCIES

Take your boating experience to another level with comprehensive 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 these 10" subwoofers.

Engineered with an impressive 450 Watt peak power output, the **Signature Series subwoofers are designed to deliver premium bass to your vessel**, allowing you to add low end frequencies and experience the full audio experience on board.



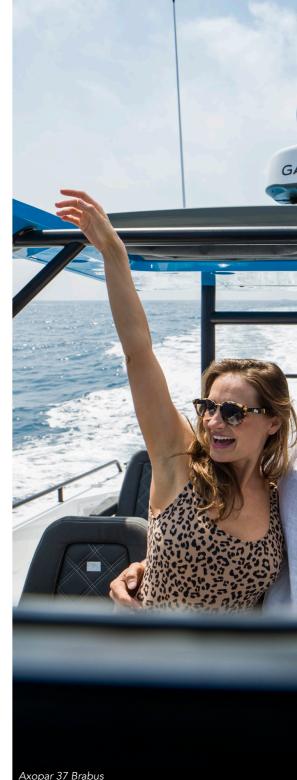
10" 450 WATT MARINE SUBWOOFER

SG-S 10 W - Classic White

**SG-SL**101SPW - Sports White with LEDs **SG-SL**101SPC - Sports Chrome with LEDs

CLASSIC BLACK GRILLE

SG-X10B - Classic Black marine grille





### STYLE THAT MATCHES ANY BOAT

Available in Classic White, Sports White or Sports Chrome subwoofers, the Sports Style subwoofers feature stunning dual-color diffused LED lighting which illuminate Striking Blue or Sparkling White, to enhance your boating experience with premium aesthetics.



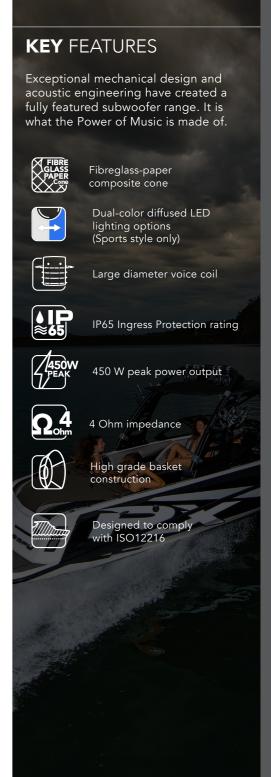
### SG-VREGLED LED VOLTAGE REGULATOR

Enjoy a harmonious illumination throughout your vessel, switch between color options and adjust the brightness, all with the **SG-VREGLED** voltage regulator installed on board. Installation is simple, with the small form factor allowing for discreet placement where it is best suited.









# XS SERIES SUBWOOFERS





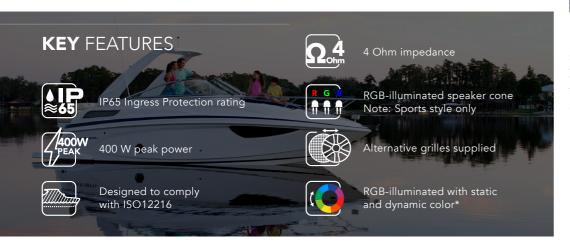
**SPORTS** WHITE

**SPORTS** GREY

**CLASSIC** BLACK

# ADD ANOTHER DIMENSION TO YOUR BOATING WITH QUALITY BASS

Enjoy Fusion's trademark quality audio reproduction, enhanced marine aesthetics and now 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 are available to further enhance your boating experience.

The stylish grilles complement your on-board aesthetics and provide the freedom to choose the finish to suit your vessel, with **two color options included** in the box.



### 10" 400 WATT MARINE SUBWOOFER

XS-S10CWB - Classic White/Black XS-SL10SPGW - Sports Grey/White with RGB LEDs

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





**ROUND** BLACK

**ROUND** WHITE

**SQUARE** BLACK

**SQUARE** WHITE

# QUALITY BASS WITH INNOVATIVE DESIGN AESTHETICS

Enhancing your boating experience with quality bass, the **FM Series subwoofers** are designed to deliver Fusion's trademark quality audio reproduction, 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**.





With a mounting profile of only 3mm [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 vessel.





### 10" 400 WATT MARINE SUBWOOFER

FM-S10RW - Round White FM-S10RB - Round Black FM-S10SW - Square White FM-S10SB - Square Black



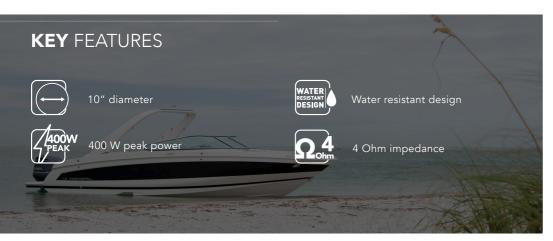




**MS-SW**10

# BOOST YOUR ON-BOARD SOUND QUALITY WITH THE TRUE-MARINE SUBWOOFER

Boost your boating experience by increasing the overall quality and bass level of your audio on the water **season** after **season**, with a water resistant **True-Marine**<sup>TM</sup> **subwoofer**. Delivering a 400 Watt peak power output, the MS-SW10 will add quality low end frequencies to enhance your on board audio.





10" 400 WATT TRUE-MARINE SUBWOOFER

MS-SW10 - Classic White





# **MARINE** AMPLIFIERS

### SIGNATURE SERIES



Signature Series Amplifiers

### AM SERIES



AM Series Amplifiers

### OTHER AMPLIFIERS



Zone Amplifier

# SIGNATURE SERIES AMPLIFIERS





**SG-DA**12250

**SG-DA**41400

**SG-DA**51600

**SG-DA**61500

**SG-DA**82000

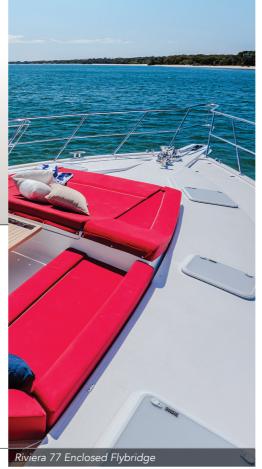
# OUR MOST STUNNING, EFFICIENT AND POWERFUL MARINE AMPLIFIERS FOR THE ULTIMATE AUDIO EXPERIENCE

### 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.



1400 WATT CLASS-D MARINE AMPLIFIER SG-DA41400 - 4 channel

1600 WATT CLASS-D MARINE AMPLIFIER SG-DA51600 - 5 channel

2250 WATT CLASS-D MARINE AMPLIFIER SG-DA12250 - Monoblock

1500 WATT CLASS-D MARINE AMPLIFIER SG-DA61500 - 6 channel

2000 WATT CLASS-D MARINE AMPLIFIER SG-DA82000 - 8 channel





### **CLASS-D AMPLIFIER TECHNOLOGY**

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

### RIGID ALUMINUM ALLOY **HEAT SINK**

For increased efficiency without compromizing 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.









# **AM SERIES** AMPLIFIERS





**MS-AM**504

**MS-AM**402

# VALUE-PACKED & 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** boast some of the most impressive environmental protection available for marine amplifiers.

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

500 WATT CLASS-AB MARINE AMPLIFIER

MS-AM504 - 4 channel





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

The MS-AM504 will drive a pair of Fusion speakers plus a 10" subwoofer, or up to four pairs of Fusion speakers (with two speakers in parallel in each channel at 2 Ohms), to help spread quality sound around your vessel.













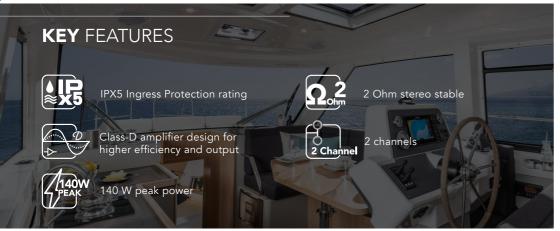
**MS-AM**702

# ADD AMPLIFICATION TO ANY ZONE THROUGHOUT YOUR VESSEL

Boost any audio zone on board with a compact Class-D zone amplifier. Enjoy peace of mind that your MS-AM702 will last the test of time with an IPX5 water resistant sealed chassis and True-Marine™ accreditation. Ideal for the marine environment, the Class-D amplification ensures efficient output and low current draw.

140 WATT CLASS-D MARINE ZONE AMPLIFIER

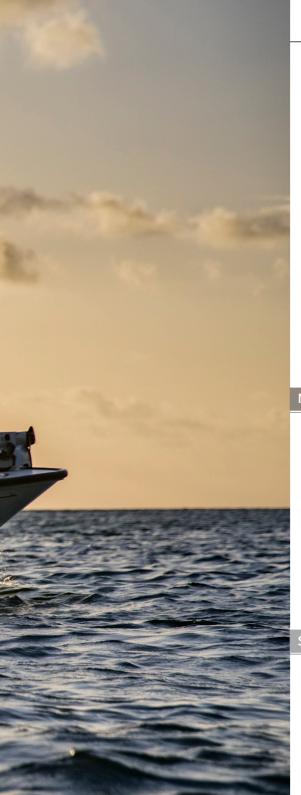
MS-AM402 - 2 channel











# **ACCESSORIES**

### **MARINE** ACCESSORIES



ARX REMOTE



WIRED REMOTE



**RCA CONNECTORS** 



DAB+ MODULE



**RGB REMOTE** 



FLUSH MOUNT KITS



RETROFIT KITS



Bluetooth® MODULE



**AUXILIARY & USB** 

### **STEREO***ACTIVE* ACCESSORIES



**FUSION PUCK** 



**FUSION STRAP** 





RAILBLAZA PUCK



**FUSION RAM** MOUNT PUCK



FLASH DRIVE

CAR CHARGER **FUSION FLEXI FUSION** PUCK PUCK





MS-ARX70B

MS-ARX70W

# EASY INSTALLATION WITH EFFORTLESS ENJOYMENT

Retrofit your Fusion ANT®-enabled system with the **MS-ARX70** ANT 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, on-board 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, Panel-Stereo, 70 Series, MS-RA210, MS-BB100 and StereoActive.



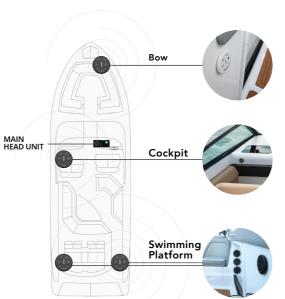
ANT WIRELESS STEREO REMOTE
MS-ARX70B - Black
ANT WIRELESS STEREO REMOTE
MS-ARX70W - White











### **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's Multi-Zone<sup>TM</sup> 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.









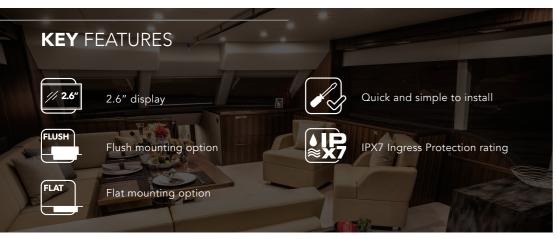




**MS-NRX**300

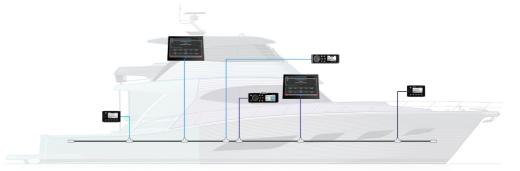
# LOCALIZED AUDIO CONTROL FROM ANY ZONE ON BOARD

Take control of your audio entertainment and enjoy localized control from any audio zone on your boat. A perfect solution for audio control around your vessel, the MS-NRX300 features a certified 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.

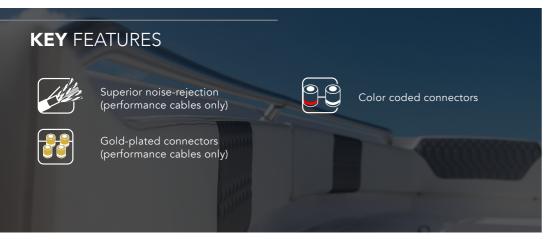




Save time and money with quick and easy installation of your MS-NRX300 wired remote. Certified for connection to any NMEA 2000 network, the remote will double as a NMEA 2000 repeater and display supported NMEA data from compatible marine electronics.



Make the most of a cleaner, clearer, **enhanced audio signal** to your amplifier with Fusion's 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.











EL-RCAYF



### PERFORMANCE RCA CABLES

MS-RCA3 MS-RCA6 MS-RCA12 MS-RCA25 MS-FRCA6 MS-FRCA12 MS-FRCA25 MS-RCAYM MS-RCAYF

1 Zone / 2 Channel 3ft (0.9m) 1 Zone / 2 Channel 6ft (1.83m)

1 Zone / 2 Channel 12ft (3.66m) 1 Zone / 2 Channel 25ft (7.62m)

2 Zone / 4 Channel 25ft (7.62m) 2 Zone / 4 Channel 6ft (1.83m) 2 Zone / 4 Channel 12ft (3.66m) 2 Zone / 4 Channel 25ft (7.62m)

RCA splitter cable female to dual male RCA splitter cable male to dual female

### **STANDARD** RCA CABLES

EL-RCA3 1 Zone / 2 Channel 3ft (0.9m)
EL-RCA6 1 Zone / 2 Channel 6ft (1.83m)
EL-RCA12 1 Zone / 2 Channel 12ft (3.66m)
EL-RCA25 1 Zone / 2 Channel 25ft (7.62m)
EL-FRCA6 2 Zone / 4 Channel 6ft (1.83m)
EL-FRCA12 2 Zone / 4 Channel 25ft (7.62m)
EL-RCA25 2 Zone / 4 Channel 25ft (7.62m)
EL-RCA27M RCA splitter cable female to du

RCA splitter cable female to dual male RCA splitter cable male to dual female



MS-DAB100A

# DAB+ MODULE WITH ACTIVE ANTENNA

Simply connect the **DAB+ module** and antenna to a compatible Fusion stereo to enjoy the added functionality of digital radio.

**NOTE:** Stereo not included. A software upgrade may be required to activate the DAB source. DAB+ is supported in UK, Norway, Switzerland, Australia and other countries.



### MULTIPLE MOUNTING OPTIONS

The antenna features two mounting options for easy installation onto any vessel. Mounting options include:

### Standard 1" Pole Mount -

To pole mount the antenna use either the included 1 inch outer diameter threaded mounting bracket, or a user-supplied pole mount. The included mounting bracket comes with four 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 utilize the included threaded rods with thumb screws for easy installation.

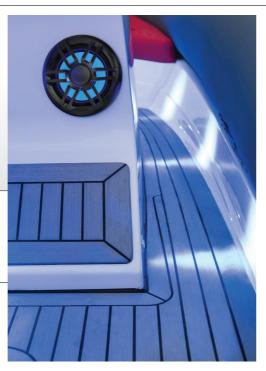
### **ON-SCREEN STATION INFORMATION**

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 & SPEAKER LIGHTING CONTROL MODULE



### WIRELESS REMOTE CONTROL

Enjoy full control of the illumination option and functions of your Fusion RGB speakers with the MS-RGBRC wireless remote control. For total convenience, the remote is portable and is able to function up to 10m 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, brightness, mode and speed, to take your entertainment experience to the next level. Up to three separate lighting zones can be controlled by one remote.

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

# STATIC AND DYNAMIC COLOR OPTIONS

Complement your music and enhance your on board entertainment with the ability to select both **static and dynamic color modes** in a range of colors. 16 speed options are available with a wide range of colors to choose from to suit any mood or occasion.

### INTUITIVE TOUCH CONTROL

Easily adjust the lighting on your Fusion RGB speakers with the intuitive color select wheel and easy to use touch controls.



### **FLUSH MOUNT** KIT

### FLUSH MOUNT KITS

Seamlessly integrate your stereo into the helm with a flat finish using the Front Flush Mount Kit.



### MS-RA770 FLUSH MOUNT KIT

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

010-12817-00 MS-RA770 Front Flush mount kit



### APOLLO RA670 AND MS-RA210 FLUSH MOUNT KIT

Use the Front Flush 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 Front Flush mount kit



### MS-SRX400 FLUSH MOUNT KIT

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

010-12830-00 MS-SRX400 Front Flush mount kit

### NEW



## **FUSION STEREO** RETROFIT KITS

Integrate and add protection to your marine stereos with the Retrofit Kit for MS-RA770, MS-RA670 and MS-RA210.



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

010-12829-03 Adapter plate 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



**MS-BT**100

## BIUFTOOTH® MODULE

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

Compatible with any stereo with an RCA AUX input.



MS-CBUSB3.5

### AUXII IARY & USB

### PANEL MOUNT AUX 3.5MM & USB CONNECTOR

Providing more audio options for your on-water entertainment, the MS-CBUSB3.5 can be installed on the dash or wherever it is most convenient for easy USB port access.





## **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 & ACTIVESAFE

The range of Fusion puck accessories is designed to securely mount your **Stereo**Active or **Active**Safe 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 **Stereo**Active in four directions.

## **FUSION** FLEXI PUCK







**FUSION STRAP PUCK** 

WS-PKTD

STRAP MOUNTING SOLUTION



**CAR** CHARGER

WS-SACLA



12 VOLT CAR CHARGER

### **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



# **ENTERTAINMENT SYSTEM COMPARISON**











	<b>MS-RA</b> 770	<b>MS-RA</b> 670	MS-SRX400	<b>MS-RA</b> 70	MS-RA70N MS-RA70NSX
SPECIFICATIONS					
PEAK POWER	280 W (4x70 W)	280 W (4×70 W)	140 W (2×70 W)	200 W (4x50 W)	200 W (4×50 W)
AMPLIFIER	Class-D	Class-D	Class-D	Class-AB	Class-AB
MULTI-ZONE TECHNOLOGY	4 zones	3 zones	No	2 zones	2 zones
DISPLAY	4.3" optically bonded color LCD touchscreen	2.7" optically bonded color LCD	2.7" optically bonded color LCD	128x64 optically bonded monochrome LCD	128x64 optically bonded monochrome LCD
LINE OUT	4 (1 x L + R per zone)	3 (1 x L + R per zone)	1 (1 x L + R)	$2 (1 \times L + R per zone)$	2 (1 x L + R per zone)
SUBWOOFER OUT	4 (1 per zone)	3 (1 per zone)	1 (mono output)	1 (zone 1)	1 (zone 1)
AUXILIARY INPUTS	2 x RCA inputs	1 x RCA input	No	1 x RCA input	1 x RCA input
SOURCES					
TUNER	AM/FM with RDS (where available)	AM/FM with RDS (where available)	AM/FM with RDS (where available)	AM/FM with RDS (where available)	AM/FM with RDS (where available)
BUILT-IN WI-FI	Yes	No	Yes	No	No
iPod/iPhone	Yes	Yes	No	Yes	Yes
ANDROID/WINDOWS MTP SUPPORT	Yes	Yes	No	No	No
AOA SUPPORT	Yes	Yes	Yes	Yes	Yes
USB	Yes - 1 connection	Yes - 1 connection	No	Yes - 1 connection	Yes - 1 connection
BLUETOOTH® WIRELESS TECHNOLOGY	Yes	Yes	Yes	Yes	Yes
SIRIUSXM READY	Yes (continental US & Canada only)	Yes (continental US & Canada only)	No	No	MS-RA70NSX only (continental US & Canada only)
DVD/CD VIA hdmi CONNECTION	No	No	No	No	No
DVD/CD VIA COMPOSITE & COMPONENT CONNECTIONS	No	No	No	No	No
AUDIO RETURN CHANNEL (ARC)	No	No	No	No	No
OPTICAL AUDIO INPUT	Yes	Yes	No	No	No
DAB+ READY	Yes	Yes	No	Yes	MS-RA70N only
CONNECTIVITY					
FUSION-LINK VIA NMEA 2000	Yes	Yes	No	No	Yes
FUSION-LINK VIA ETHERNET/WI-FI	Yes	Yes**	Yes	No	No
FUSION-LINK VIA BLUETOOTH	Yes	Yes	Yes	Yes	Yes
FUSION-LINK VIA ANT TECHNOLOGY	Yes	Yes	No	Yes	Yes
MECHANICAL DESIGN					
WATER RESISTANCE (IPX RATING)	IPX7 front panel	IPX6 & IPX7 front panel	IPX7 front panel	IPX7 front panel	IPX7 front panel
CHASSIS	Electrically isolated impact resistant plastic	Electrically isolated impact resistant plastic	Electrically isolated impact resistant plastic	Glass reinforced composite	Glass reinforced composite
MOUNTING OPTIONS	Flush & flat	Flush & flat	Flush & flat	Flush & flat	Flush & flat
WARRANTY	3 years	3 years	3 years	1 year	1 year















	<b>MS-RA</b> 210	<b>MS-RA</b> 55	<b>MS-BB</b> 300R	<b>MS-BB</b> 100	<b>PS-</b> A302B <b>PS-</b> A302BOD	<b>WS-SA</b> 150W/B/R
SPECIFICATIONS						
PEAK POWER	200 W (4x50 W)	180 W (4x45 W)	200 W (4×50 W)	200 W (4×50 W)	140 W	40 W (2×20 W)
AMPLIFIER	Class-D	Class-AB	Class-AB	Class-AB	Class-D	Class-D
MULTI-ZONE TECHNOLOGY	2 zones	2 zones	3 zones	2 zones	No	No
DISPLAY	2.7" optically bonded color LCD	2.3" monochrome LCD	MS-NRX300 remote with 2.6" optically bonded LCD	No	No	No
LINE OUT	2 (1 x L + R per zone)	1 (1 x L + R zone 1)	1 (1 x L + R zone 3)	2 (1 x L + R per zone)	1 x RCA output	No
SUBWOOFER OUT	2 (1 per zone)	No	1 (zone 3)	1 (zone 1)	No	No
AUXILIARY INPUTS	1 x RCA input	1 x RCA input	2 x RCA inputs	1 x RCA input	2 x RCA inputs	No
SOURCES	, x it or t in pat	. Alloringae	2 X No. Y III pato	, xitorinput	2 x Nox Impato	
TUNER	AM/FM with RDS (where available)	AM/FM with RDS (where available)	AM/FM with RDS (where available)	AM/FM with RDS (where available)	AM/FM	AM/FM
BUILT-IN WI-FI	No	No	No	No	No	No
iPod/iPhone	Yes	No	Yes	Yes	Yes	Yes
ANDROID/WINDOWS MTP SUPPORT	Yes	No	Yes	No	No	No
AOA SUPPORT	Yes	No	Yes	Yes	Yes	Yes
USB	Yes - 1 connection	No	Yes - 1 connection	Yes - 1 connection	Yes - 1 connection	Yes - 1 connection
BLUETOOTH WIRELESS TECHNOLOGY	Yes	Yes	Yes	Yes	Yes	Yes
SIRIUSXM READY	Yes (continental US & Canada only)	No	Yes (continental US & Canada only)	No	No	No
DVD/CD VIA hdmi CONNECTION	No	No	No	No	No	No
DVD/CD VIA COMPOSITE & COMPONENT CONNECTIONS	No	No	No	No	No	No
AUDIO RETURN CHANNEL (ARC)	No	No	No	No	No	No
OPTICAL AUDIO INPUT	No	No	No	No	No	No
DAB+ READY	Yes	No	Yes	Yes	No	No
CONNECTIVITY						
FUSION-LINK VIA NMEA 2000	Yes	No	Yes	Yes	No	No
FUSION-LINK VIA ETHERNET/WI-FI	No	No	No	No	No	No
FUSION-LINK VIA BLUETOOTH	Yes	No	No	Yes	Yes	Yes
FUSION-LINK VIA ANT TECHNOLOGY	Yes	No	No	Yes	Yes	Yes
MECHANICAL DESIGN						
WATER RESISTANCE (IPX RATING)	IPX6 & IPX7 front panel	IPX5 front panel	IPX3 Black Box with IPX7 MS-NRX300 remote	IPX3 Black Box with IPX7 remote	IP65	IPX7 / floats
CHASSIS	Electrically isolated impact resistant plastic	Cast aluminum	Aluminum	Aluminum	Sealed chassis	Polycarbonate with TPE overmold
MOUNTING OPTIONS	Flush & flat	Flush & bail	Flush & flat (remote)	Flush & flat (remote)	Flush, flat & surface	Puck mount / screw, adhesive pad & puck
WARRANTY	1 year	1 year	3 years	1 year	1 year	2 years

## SIGNATURE SERIES SPEAKER COMPARISON

















	SG-FL88SPW SG-FL88SPC	<b>SG-F</b> 88W	SG-CL77SPW SG-CL77SPC	SG-C77W	SG-CL65SPW SG-CL65SPC	<b>SG-C</b> 65W	<b>SG-TW</b> 10	SG-FT88SPWC SG-FT88SPC	
SPECIFICATIONS									
SPEAKER SIZE	8.8"	8.8"	7.7"	7.7"	6.5"	6.5"	1"	8.8"	
PEAK POWER (WATTS)	330	330	280	280	230	230	330	330	
RMS POWER RATING (WATTS)	130	130	100	100	75	75	60	130	
EFFICIENCY (1W/1M )	91dB	91dB	91dB	91dB	90dB	90dB	91dB	91dB	
FREQUENCY RESPONSE	50Hz - 20kHz	50Hz - 20kHz	60Hz - 22kHz	60Hz - 22kHz	70Hz - 22kHz	70Hz - 22kHz	3kHz - 20kHz	50Hz - 20kHz	
IMPEDANCE	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	
TWEETER TYPE	Silk dome	Silk dome	Silk dome	Silk dome	Silk dome	Silk dome	Aluminum dome	Silk dome	
CONE MATERIAL	CURV	CURV	CURV	CURV	CURV	CURV	N/A	CURV	
VOICE COIL DIAMETER	1.5"	1.5"	1.4"	1.4"	1.2"	1.2"	1"	1.5"	
MOUNTING DIAMETER CLEARANCE	188mm [7-3/8"]	188mm [7-3/8"]	156mm [6-1/8"]	156mm [6-1/8"]	136mm [5-3/8"]	136mm [5-3/8"]	51mm [2"]	(Enclosure Diameter) 224mm [8-13/16"]	
MOUNTING DEPTH CLEARANCE	105mm [4-1/8"]	105mm [4-1/8"]	86mm [3-3/8"]	86mm [3-3/8"]	79mm [3-1/8"]	79mm [3-1/8"]	31mm [1-1/4"]	(Enclosure Depth) 381mm [15"]	
LED LIGHTING	White / Blue	No	White / Blue	No	White / Blue	No	No	White / Blue	
WARRANTY	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	











	XS-FL77SPGW	XS-F77CWB	XS-FL65SPGW	XS-F65CWB	XS-F40CWB
SPECIFICATIONS					
SPEAKER SIZE	7.7"	7.7"	6.5"	6.5"	4"
PEAK POWER (WATTS)	260	260	200	200	120
RMS POWER RATING (WATTS)	65	65	50	50	30
EFFICIENCY (1W/1M)	92dB	92dB	91dB	91dB	87dB
FREQUENCY RESPONSE	70Hz - 18kHz	70Hz - 18kHz	80Hz - 18kHz	80Hz - 18kHz	100Hz - 18kHz
IMPEDANCE	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
TWEETER TYPE	Aluminum dome	Aluminum dome	Aluminum dome	Aluminum dome	Aluminum dome
CONE MATERIAL	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
VOICE COIL DIAMETER	1.18"	1.18"	1.18"	1.18"	1"
MOUNTING DIAMETER CLEARANCE	162mm [6-3/8"]	162mm [6-3/8"]	135mm [5-5/16"]	135mm [5-5/16"]	99mm [3-7/8"]
MOUNTING DEPTH CLEARANCE	77mm [3"]	77mm [3″]	67mm [2-2/8"]	67mm [2-2/8"]	54mm [2-1/8"]
LED LIGHTING	RGB	No	RGB	No	No
WARRANTY	3 years	3 years	3 years	3 years	3 years

# FM SERIES / SM SERIES / SPEAKER COMPARISON











	<b>FM-F77</b> RW <b>FM-F77</b> RB	<b>FM-F77</b> SW <b>FM-F77</b> SB	<b>FM-F65</b> RW <b>FM-F65</b> RB	<b>FM-F65</b> SW <b>FM-F65</b> SB	SM-F65CW SM-F65CB
SPECIFICATIONS					
SPEAKER SIZE	7.7"	7.7"	6.5"	6.5"	6.5"
PEAK POWER (WATTS)	200	200	120	120	100
RMS POWER RATING (WATTS)	50	50	30	30	-
EFFICIENCY (1W/1M)	91dB	91dB	87dB	87dB	84dB
FREQUENCY RESPONSE	80Hz - 18kHz	80Hz - 18kHz	100Hz - 18kHz	100Hz - 18kHz	150Hz - 20kHz
IMPEDANCE	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
TWEETER TYPE	Aluminum dome	Aluminum dome	Aluminum dome	Aluminum dome	-
CONE MATERIAL	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
MOUNTING DIAMETER CLEARANCE	165mm [6-1/2"]	165x165mm [6-1/2"x 6-1/2"]	138mm [5-7/16"]	138x138mm [5-7/16"x 5-7/16"]	130mm [5-1/8"]
MOUNTING DEPTH CLEARANCE	83mm [3-1/4"]	83x83mm [3-1/4"x 3-1/4"]	70mm [2-3/4"]	70x70mm [2-3/4"x 2-3/4"]	24mm [15/16"]
LED LIGHTING	No	No	No	No	No
WARRANTY	3 years	3 years	3 years	3 years	1 year

# FR SERIES / EL SERIES / SOUND-PANEL / SPEAKER COMPARISON

















	MS-FR7021 MS-FR7022	MS-FR6021 MS-FR6022	<b>MS-FR</b> 4021	EL-F651SPG	<b>EL-F</b> 651W <b>EL-F</b> 651B	<b>RV-FS</b> 402W <b>RV-FS</b> 402B	MS-CL602	<b>MS-OS</b> 420
SPECIFICATIONS								
SPEAKER SIZE	7"	6"	4"	6.5"	6.5"	471mm x 211mm [18-9/16" x 8-5/16"]	6"	4"
PEAK POWER (WATTS)	260	200	120	150	150	200 total (100 per speaker connection)	120	100
RMS POWER RATING (WATTS)	-	-	-	-	-	50 total (25 per speaker connection)	40	25
EFFICIENCY (1W/1M)	91dB	90dB	87dB	88dB	88dB	87dB	89dB	86dB
FREQUENCY RESPONSE	60Hz - 22kHz	70Hz - 22kHz	90Hz - 22kHz	45Hz - 16kHz	45Hz - 16kHz	67Hz - 20kHz	(-10dB/-3dB) 50Hz - 20kHz / 85Hz - 20kHz	80Hz - 20kHz
IMPEDANCE	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	6 Ohms	4 Ohms
TWEETER TYPE	Titanium dome	Titanium dome	Titanium dome	N/A	N/A	Silk dome	Silk dome	PEI
CONE MATERIAL	CURV	CURV	CURV	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
MOUNTING DIAMETER CLEARANCE	156mm [6-1/8"]	130mm [5-1/8"]	98mm [3-7/8"]	130mm [5-1/8"]	130mm [5-1/8"]	431mm x 171mm [17" x 6-3/4"]	206mm [8-1/8"]	200mm x 137mm [7-7/8" x 5-3/8"]
MOUNTING DEPTH CLEARANCE	78mm [3-1/16"]	72mm [2-7/8"]	54mm [2-1/8"]	43mm [1-11/16"]	43mm [1-11/16"]	43 mm [1-11/16"]	78mm [3-1/16"]	163mm [6-7/16"]
LED LIGHTING	No	No	No	RGB	No	No	No	No
WARRANTY	3 years	3 years	3 years	1 year	1 year	1 year	1 year	1 year

# SIGNATURE SERIES AMPLIFIER COMPARISON



3 years

WARRANTY



3 years



3 years



3 years



3 years

	Secret amount	The second	Total Security Control of the Contro	1809 innere	2557 (2000)
	<b>SG-DA</b> 12250	<b>SG-DA</b> 41400	<b>SG-DA</b> 51600	<b>SG-DA</b> 61500	<b>SG-DA</b> 82000
SPECIFICATIONS					
PEAK POWER (WATTS)	2250	1400	1600	1500	2000
AMPLIFIER CLASS	Class-D	Class-D	Class-D	Class-D	Class-D
FREQUENCY RESPONSE	10Hz - 300Hz - 3dB (subwoofer)	10Hz - 50kHz - 3dB	10Hz - 50kHz - 3dB	10Hz - 40kHz - 3dB	10Hz - 40kHz - 3dB
OPERATING VOLTAGE	10.8 - 16 V	10.8 - 16 V	10.8 - 16 V	10.8 - 16 V	10.8 - 16 V
MAXIMUM OPERATING CURRENT	120A	80A	80A	75A	100A
FUSE RATINGS	3 × 40A	2 x 40A	2 x 40A	3 x 40A	4 x 40A
UNDER/OVER VOLTAGE PROTECTION	Yes	Yes	Yes	Yes	Yes
TOTAL RATED POWER OUTPUT 4 OHM	500 W RMS x 1 @ 14.4V - 4 Ohm 1% THD	150 W RMS x 4 @ 14.4V - 4 Ohm 1% THD	80 W RMS x 4 + 250 W RMS x 1 @ 14.4V - 4 Ohm 1% THD	100 W RMS x 6 @ 14.4V - 4 Ohm 1% THD	100 W RMS x 8 @ 14.4V - 4 Ohm 1% THD
TOTAL RATED POWER OUTPUT 2 OHM	850 W RMS x 1 @ 14.4V - 2 Ohm 1% THD	220 W RMS x 4 @ 14.4V - 2 Ohm 1% THD	130 W RMS x 4 + 330 W RMS x 1 @ 14.4V - 2 Ohm 1% THD	140 W RMS x 6 @ 14.4V - 2 Ohm 1% THD	140 W RMS x 8 @ 14.4V - 2 Ohm 1% THD
TOTAL RATED POWER OUTPUT	1100 W RMS x 1 @ 14.4V - 1 Ohm 1% THD	440 W RMS x 2 @ 14.4V - 4 Ohm bridged 1% THD	250 W RMS x 2 @ 14.4V – 4 Ohm bridged 1% THD + 250 W RMS x 1 @ 14.4V - 4 Ohm 1% THD	280 W RMS x 3 @ 14.4V - 4 Ohm bridged 1% THD	280 W RMS x 4 @ 14.4V - 4 Ohm bridged 1% THD
SIGNAL TO NOISE RATIO (AT 4 OHM RATED POWER OUTPUT)	>80dB	>95dB	>95dB	>85dB	>85dB
SEPARATION/CROSSTALK	-	>45dB	>45dB	>60dB	>60dB
HP VARIABLE CROSSOVER	10Hz - 80Hz (subwoofer)	32Hz - 320Hz	32Hz - 320Hz	32Hz - 320Hz	32Hz - 320Hz
LP VARIABLE CROSSOVER	32Hz - 320Hz (subwoofer)	32Hz - 320Hz	32Hz - 320Hz	32Hz - 320Hz	32Hz - 320Hz
MOUNTING DIMENSIONS	Length: 300mm [11-13/16"] Width: 210mm [8-1/4"] Height: 50mm [2"]	Length: 300mm [11-13/16"] Width: 210mm [8-1/4"] Height: 50mm [2"]	Length: 300mm [11-13/16"] Width: 210mm [8-1/4"] Height: 50mm [2"]	Length: 420mm [16-9/16"] Width: 210mm [8-1/4"] Height: 57mm [2-1/4"]	Length: 420mm [16-9/16"] Width: 210mm [8-1/4"] Height: 57mm [2-1/4"]

# **AMPLIFIER COMPARISON**

WARRANTY



1 year





3 years

	<b>MS-AM</b> 504	<b>MS-AM</b> 402	<b>MS-AM</b> 702
SPECIFICATIONS			
PEAK POWER (WATTS)	500	400	140
AMPLIFIER CLASS	Class-AB	Class-AB	Class-D
FREQUENCY RESPONSE	5Hz - 38kHz - 3dB	5Hz - 38kHz - 3dB	10Hz - 20kHz
OPERATING VOLTAGE	10.8 - 16 V	10.8 - 16 V	10.8 - 16 V
MAXIMUM OPERATING CURRENT	50A	25A	10A
FUSE RATINGS	2 x 25A	1 x 25A	1 x 10A
UNDER/OVER VOLTAGE PROTECTION	No	No	Under voltage protection only
TOTAL RATED POWER OUTPUT 4 OHM	65 W RMS x 4 @ 14.4V - 4 Ohm 1% THD	65 W RMS x 2 @ 14.4V - 4 Ohm 1% THD	20 W RMS x 2 @ 14.4V - 4 Ohm 10% THD
TOTAL RATED POWER OUTPUT 2 OHM	100 W RMS x 4 @ 14.4V - 2 Ohm 1% THD	100 W RMS x 2 @ 14.4V - 2 Ohm 1% THD	30 W RMS x 2 @ 14.4V - 2 Ohm 10% THD
TOTAL RATED POWER OUTPUT 4 OHM BRIDGED	200 W RMS x 2 @ 14.4V - 4 Ohm Bridged 1% THD	200 W RMS x 1 @ 14.4V - 4 Ohm Bridged 1% THD	-
SIGNAL TO NOISE RATIO (AT 4 OHM RATED POWER OUTPUT)	>95dB	>95dB	>95dB
SEPARATION/CROSSTALK	>60dB	>60dB	>55dB
HP VARIABLE CROSSOVER	40Hz – 600Hz	40Hz – 600Hz	60Hz – 600Hz
LP VARIABLE CROSSOVER	40Hz – 160Hz	40Hz – 160Hz	-
MOUNTING DIMENSIONS	Length: 366mm [14-7/16"] Width: 299mm [9"] Height: 53mm [2-1/16"]	Length: 296mm [11-2/3"] Width: 299mm [9"] Height: 53mm [2-1/16"]	Length: 128mm [5-1/16"] Width: 78mm [3-1/16"] Height: 51mm [2"]
			_

1 year

# **SUBWOOFER COMPARISON**















S	G	<b>-S</b> 1	0	W

SG-SL101SPW SG-SL101SPC

 $\pmb{\mathsf{XS\text{-}SL10}} \mathsf{SPGW}$ 

XS-S10CWB

**FM-S10**RW **FM-S10**RB

**FM-S10**SW **FM-S10**SB

**MS-SW**10

	<b>SG-S</b> 10VV	SG-SL101SPC	XS-SL10SPGVV	XS-S10CVVB	FM-S10RB	<b>FM-S10</b> SB	IVIS-SVV10
SPECIFICATIONS							
SUBWOOFER SIZE	10"	10"	10"	10"	10"	10"	10"
PEAK POWER [WATTS)	450	450	400	400	400	400	400
RMS POWER RATING (WATTS)	250	250	120	120	120	120	200
EFFICIENCY [1W/1M )	88dB	88dB	87dB	87dB	87dB	87dB	88dB
MAGNETIC STRUCTURE	68oz	68oz	41oz	41oz	41oz	41oz	60oz
FREQUENCY RESPONSE	30Hz - 2kHz	30Hz - 2kHz	30Hz - 2kHz	30Hz - 2kHz	30Hz - 2kHz	30Hz - 2kHz	30Hz - 2kHz
IMPEDANCE	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms	4 Ohms
VOICE COIL DIAMETER	2"	2"	1.5"	1.5"	1.5"	1.5"	1.5"
MOUNTING DIAMETER CLEARANCE	223mm [8-3/4"]	223mm [8-3/4"]	223mm (8-3/4")	223mm (8-3/4")	269mm [10-9/16"]	269mm x 269mm (10-9/16" x 10-9/16")	222mm [8-3/4"]
MOUNTING DEPTH CLEARANCE	133mm [5-1/4"]	133mm [5-1/4"]	113mm (4-1/2")	113mm (4-1/2")	140mm (5-1/2")	140mm (5-1/2")	117mm [4-5/8"]
LED LIGHTING	No	White / Blue	RGB	No	No	No	No
WARRANTY	3 years	3 years	3 years	3 years	3 years	3 years	3 years

# TECHNICAL SPECIFICATIONS

### **STEREOACTIVE**

**TUNER** FM / AM (Japan, Australasia, Europe, USA)

+ Weatherband (USA only)

**BLUETOOTH** V 4.1 with ANT® support / A2DP / AVRCP

**USB** Type-A Port with Apple/Android 1A charging

**USB FORMAT** FAT 32

USB AUDIO MP3

**FORMAT** 

MADE FOR iPOD Apple IAP2 lightning connector products AND iPHONE

AOA ANDROID Android Opensource audio protocol

**SPEAKERS** 2 x 2.5" + passive radiator

AMPLIFIER
OUTPUT PER
CHANNEL

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

**BATTERY** Internal rechargeable Li-lon battery provides up

to 20 hours of use

CHARGING 110~220 Volt AC wall charger (supplied) or REQUIREMENTS 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 (Vivo Active / HR, Fenix 3 / HR, Tactix Bravo, Quatix 3, D2 Bravo) - requires Fusion-Link™ Garmin

connectIQ® App

**VOICE PROMPTS** 12 unique multi-language voice prompts

MOUNTING

Standard Fusion Puck Mount Supplied with screw and adhesive pad, custom Puck mounting

solutions are available as accessories

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

WEIGHT 1.3kg

### STEREOS

### **Common Stereo Specifications**

### **FM TUNER**

Europe and Australasia Frequency range 87.5 – 108MHz
USA Frequency range 87.5 – 107.9MHz
Japan Frequency range 76 – 95MHz

AM TUNER

Europe and Australasia Frequency range 522 – 1620kHz
USA Frequency range 530 – 1710kHz
Japan Frequency range 522 – 1620kHz

GENERAL

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

MS-RA70, MS-RA70N, MS-BB100

Max Power 50W x 4 **MS-RA55** 

Fuse rating 15 Amp Max Power 45W x 4 **MS-BB300** 

50W x 4

S-BB300 Max Power

### WIRED REMOTE CONTROL

### MS-NRX300

Mounting diameter 50mm (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
 10m (33ft)

 Bluetooth Profile
 A2DP

 Connects via
 Aux In

 Power Requirements:
 12V DC (negative ground)

 Operating Voltage
 10.5 – 16V

### PORTABLE MEDIA DEVICE DOCK

### MS-UNIDOCK

Media Device Dimension: 137mm x 71mm x 13mm (3-15/16" x 2-13/16" x 1/2")
 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 to 16 VDC

Compatible with MS-RA770, MS-RA670, MS-AV755, MS-UD755, MS-AV650, MS-UD650, MS-BB100, MS-RA70, MS-RA70N