FUSION®
A Garmin Brand

APOLLO 670

MS-RA670

APOLLO MARINE ENTERTAINMENT SYSTEM
WITH DIGITAL SIGNAL PROCESSING (DSP)

APOLLO 670

TRUE MARINE ACCREDITED PRODUCT

SOURCES

BLUETOOTH	OPTICAL AUDIO IN	USB	MTP	1x AUX	UPnP*	AM/FM RADIO	DAB+ READY**	SiriusXM READY**
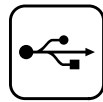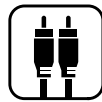
PRODUCT OVERVIEW

The Revolution Continues with the extension of the award-winning Apollo Series with the NEW **RA670 marine stereo**. The Apollo 670 inherits key audio innovations and technological brilliance from the award-winning Apollo RA770, reembodied in a more compact form factor. Experience the powerful features including optical audio for connection and audio playback from modern TVs, Wi-Fi audio streaming* and over-the-air software updates* via the **Fusion-Link™** app. With the power of advanced **DSP technology**, the RA670 delivers you a technically superior listening experience - without the need for you to have a technical understanding. Enjoy the freedom of musical choice with Fusion's **PartyBus™***, the audio distribution network of the future.

HIGH QUALITY AUDIO THROUGH DSP

The power of Fusion's Digital Signal Processing (DSP) enables the optimization of Fusion speakers in each audio zone on your vessel. Our system approach ensures every step of the audio chain is optimized through calculations by our engineers to deliver a technically superior listening experience – without the need for you to have a technical understanding. From the kick drum to your eardrum Fusion DSP reproduces your music the way the musicians intended.

TRUE-MARINE™ PHILOSOPHY

Fusion's True-Marine design philosophy stems from our experience confronting the harsh marine environment.
By designing and engineering from the ground up specifically for real world boating applications, our customers are assured that the equipment they fit into their vessel will deliver quality entertainment season after season - the Apollo 670 comes with a 3 year warranty.

FUSION-PARTYBUS™ VIA ETHERNET*

The power of PartyBus enables other PartyBus products on the network to connect to the RA670 (via Ethernet) in Party Mode and play the same perfectly synced audio source through 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.

FUSION-LINK CONTROL

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), compatible smartphone or Garmin watch.

(*) When connected to a wireless router or integrated into a Wi-Fi enabled Apollo Series stereo network.
(**) A SiriusXM Connect vehicle tuner and subscription required to access SiriusXS satellite radio (available in USA only). DAB+ radio requires the addition of an MS-DAB100A module (available in Europe and Australia only, does not support traffic and weather).

PRODUCT IMAGES

KEY FEATURES

The **Apollo RA670**, with its innovative technology and design, offers a new world-class audio entertainment experience, featuring:

KEY FEATURE

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.

The power of PartyBus™ enables other PartyBus products on the network to connect to the RA670 (via Ethernet) in Party Mode and play the same perfectly synced audio source through the entire vessel.(*)

When integrated into a network, enjoy the clarity and quality of Wi-Fi audio streaming, along with over-the-air software updates allowing you to keep your system up to date with the latest features with convenience.(*)

KEY FEATURE

Fusion's True-Marine design philosophy stems from our experience confronting the harsh marine environment. By designing and engineering from the ground up specifically for real world boating applications, our customers are assured that the equipment they fit into their vessel will deliver quality entertainment season after season.

KEY FEATURE

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

Up to three independent audio zones are available for a customized listening experience across your vessel, each with advanced localized audio options, including volume limits, zone naming, tone control, balance, disabling zones and more. Note that Subwoofer and full range line outs require additional amplification.

The color LCD is optically bonded to improve durability and protection against condensation and fogging, and is optimized for daylight viewing.

Enjoy confidence that your Apollo RA670 will last season after season in the harsh marine and outdoor environment. Meeting both IPX6 and IPX7 international standards for water resistance from the front panel when installed correctly, the RA670 is built to last on board.

Class-D amplifier delivers a higher efficiency and greater output, meaning you can listen to your music louder for longer without worrying about battery drain.

280 W peak power output

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

The compact design of the Apollo 670 increases installation options and versatility making it easier to get a premium marine stereo onboard.
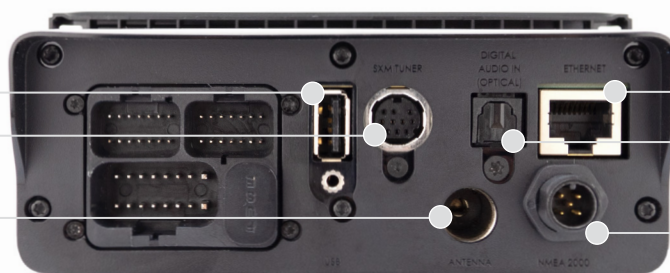
(*) When connected to a wireless router or integrated into a Wi-Fi enabled Apollo Series stereo network.

REAR VIEW

USB PORT

SiriusXM

ANTENNA /
DAB100A

ETHERNET PORT

OPTICAL AUDIO IN

NMEA 2000

PRODUCT COMPATIBILITY

STEREOS

APOLLO 770
MS-RA770 | SKU 010-01905-00

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® or UPnP.

APOLLO SRX400
MS-SRX400 | SKU 010-01983-00

For convenience without compromising on quality. The premium design, engineering and powerful feature set of the Apollo Series is combined in a compact, versatile form factor in the SRX400. Featuring DSP technology, PartyBus™ capabilities, over-the-air software updates, built-in Wi-Fi, and an optically bonded 2.7" color display.

REMOTES

WIRELESS

ARX WIRELESS REMOTE
MS-ARX70B | SKU 010-02167-00
MS-ARX70W | SKU 010-02167-01

WIRED

NRX WIRED REMOTE
MS-NRX300 | SKU 010-01628-00

DAB+ ANTENNA

DAB+ MODULE WITH ACTIVE ANTENNA
MS-DAB100A | SKU 010-01953-10

GARMIN MFD'S

via NMEA 2000 or Ethernet network.
Visit garmin.com for the full range of compatible products.

GARMIN WATCH

QUATIX® 5
010-01688-40 | UPC: 753759178253

ACCESSORIES

	DESCRIPTION	SKU	UPC	IMAGE
ADAPTER PLATE KIT	Integrate your Apollo RA670 marine stereo seamlessly into an existing Fusion 755 Series, 750 Series or 650 Series cutout with the MS-RA670 Retrofit Kit.	010-12829-03	753759225117	
FLUSH / FLAT MOUNT KIT	Use the MS-RA670 Front Flush Mount Kit to install your Apollo stereo into the helm with a premium flat finish.	010-12817-02	753759225100	
DUST COVER	Keep the front face of your Apollo stereo protected and free from dust with the Marine Stereo Dust Cover for the MS-RA670.	010-12745-01	753759221775	

LEGAL INFORMATION

TECHNICAL SPECIFICATIONS

Display	Display Size	2.7"
	LCD Color Display	Optically bonded color LCD with dimmable backlight
General	Sources	AM / FM / Bluetooth® / PartyBus™* / digital optical input / USB audio / AUX / UPnP* / MTP / SiriusXM-Ready™ (for USA only, requires optional SiriusXM Connect Vehicle Tuner) / DAB+ ready (available in Europe and Australia only, does not support traffic and weather)
	Digital Signal Processing (DSP)	Yes
	Speaker Presets (easy to tune)	Yes
	Fusion-Link Control (Wireless)	Yes - via Bluetooth and Wi-Fi*
	PartyBus Technology	Yes (receive / broadcast - wired or wirelessly*)
	Bluetooth Wireless Technology	Bluetooth music streaming, music control (via devices compatible with A2DP/AVRCP 1.3 Bluetooth protocols).
	SiriusXM-Ready™	Yes - with advanced features available. A SiriusXM Connect Vehicle Tuner and subscription are required. Available in the USA only.
	ANT®	Yes
	NMEA 2000 (Control via MFD - Fusion-Link)	Yes - Certified LEN:1
	Works With NRX Remotes	Yes
	Digital Optical Input (SPDIF)	Yes
	Fits DIN Cut-Out	Yes
	Water Resistance (IP rating)	IPX6 and IPX7 from the front panel when installed correctly
	Internal Amplifier	Class-D
Power Output	Peak Power	280 W max
Languages	Multi-Language User Interface	English / French / German / Spanish / Dutch / Italian
Connections	Auxiliary Inputs	1 x RCA input (AUX)
	SPDIF Optical Audio-in	One (1) digital optical input (SPDIF) port - Supports TV audio output
	Ethernet	One (1) Ethernet port
	USB 2.0 Connector	One (1) USB 2.0 connector (for phone charging / media playback)
	SiriusXM-Ready	One (1) SiriusXM port (Requires optional SiriusXM Connect Vehicle Tuner. Does not support traffic and weather)
	AM / FM	One (1) Motorola antenna connector port
	Speaker	3 x speaker (2 zone amplified)
	RCA Pre-Out (Left, Right and Subwoofer)	3 zones (requires external amplification)
	Operating Voltage	+10.8V - 16V DC
	DAB+ Ready	Fusion DAB+ module is required (sold separately). Only available where DAB or DAB+ broadcast is supported
	Line Out	3 (1 x L + R per zone. Requires external amplification)
	Subwoofer Out	3 (1 per zone. Requires external amplification)
Updates	Software Updates	Available via USB. Over-the-air software updates available when the RA670 is connected to a wireless router or integrated into a Wi-Fi enabled Apollo Series stereo network via Ethernet.

(*) When connected to a wireless router or integrated into a Wi-Fi enabled Apollo Series stereo network.

GIFT BOX DIMENSIONS

(W) 233mm [9-1/8"]
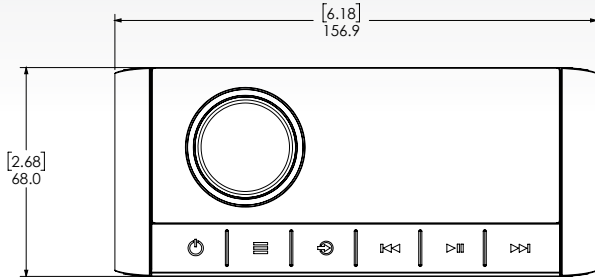(H) 174mm [6-7/8"]
(D) 168mm [6-9/16"]

PRODUCT CODES

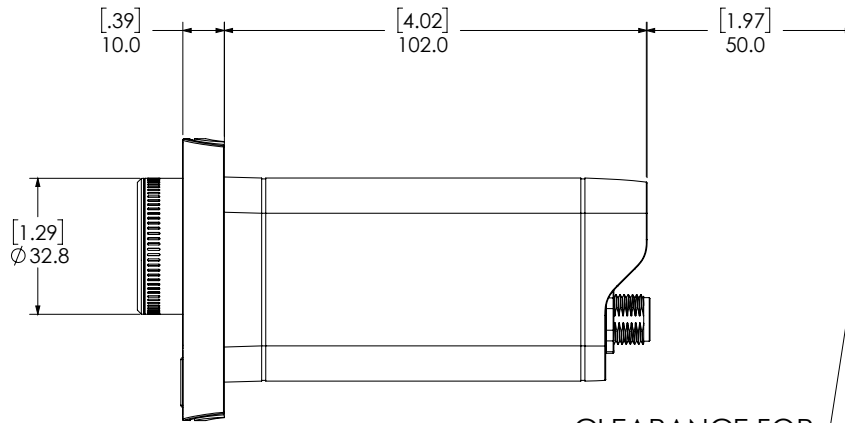| FUSION CODE	GARMIN PN	EAN-13 BARCODE
MS-RA670	010-02138-00	0753759221751

TECHNICAL DRAWINGS

Front view
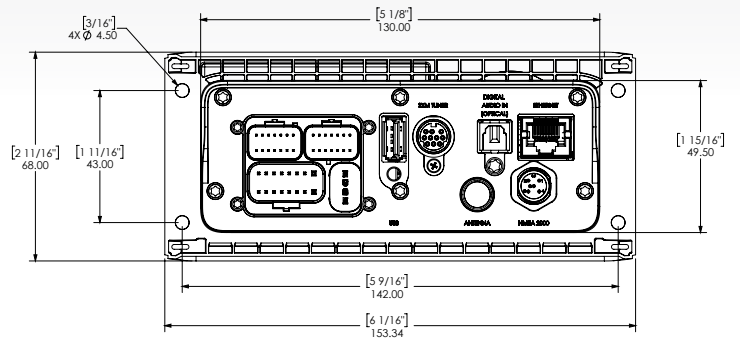
Rear view

CLEARANCE FOR
CABLE BEND RADII

Side view

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