

FUSION[®] MS-RA55

MARINE ENTERTAINMENT SYSTEM
OWNER'S MANUAL



ENGLISH

FUSION[®]
FUSIONENTERTAINMENT.COM

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Getting Started

⚠ WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Stereo Controls



Dial ①	<ul style="list-style-type: none"> Turn to adjust the volume. Press to switch between zones to control the volume. Turn to move through the menus or adjust a setting. Press to select the highlighted option.
	Select to open a menu. Select to return to the previous screen or menu.
	Select to change the source (AM, FM, BT, or AUX). Press repeatedly to scroll through the available sources.
	Select to turn on the stereo. Press and hold to turn off the stereo.
	Select to mute and un-mute the stereo.
	BT source: Select to skip to the previous track. AM or FM source: <ul style="list-style-type: none"> Select to tune to the previous station or preset (preset mode with two or more presets saved). Press and hold for faster tuning (manual mode only).
	BT source: Select to pause or resume. AM or FM source: <ul style="list-style-type: none"> Select to cycle through the tuning modes (auto or manual) and presets (when two or more presets are saved). Press and hold to save this station as a preset.
	<ul style="list-style-type: none"> BT source: Select to skip to the next track. AM or FM source: <ul style="list-style-type: none"> Select to tune to the next station or preset (preset mode with two or more presets saved). Press and hold for faster tuning (manual mode only).

Using the Dial to Select Items

You can use the dial to highlight and select items on the screen.

- Turn the dial to highlight an item on the screen.
- Press the dial to select the highlighted option.

Adjusting the Volume

- Use the dial to adjust the volume.
- If necessary, press the dial to switch between zones.
TIP: To control all zones at the same time, press the dial until all zones are highlighted.

Entering Text

You can enter text to change some settings values on this device, such as changing the name of the device.

- Use the dial to choose a letter, and press the dial to select it.
- If necessary, select to erase a character.
- Add additional letters to finish entering the text.
- Select to save the new text.

Adjusting the Backlight Brightness and Contrast

- Select > **SETTINGS** > **LCD**.
- Press the dial to select brightness or contrast.
- Adjust the brightness or contrast.

- Select to exit the menu.

Stereo Screen

The information displayed on the stereo screen varies depending on the source selected. This example shows the stereo playing a track on a device connected using Bluetooth® wireless technology.



①	Source
②	Play status icon
③	Track details (if available)
④	Elapsed time
⑤	Current track number out of total number of tracks in the playlist (if available)
⑥	Track duration (if available)

Connecting an Auxiliary Device

You can connect various auxiliary devices to the stereo, such as TVs, DVD players, game consoles, and media players. These devices have either RCA connectors, a line output, or a headphone output jack.

- Locate the auxiliary connectors on the wiring harness.
- If necessary, connect an RCA-to-3.5 mm adapter cable to the auxiliary device.
- Connect the auxiliary device to the RCA connectors on the wiring harness.

Bluetooth Device Playback

You can control the playback using the stereo, but you cannot browse the music collection. You should select a song or playlist on the media device.

The availability of song information, such as song title, artist name, and track duration, depends on the capability of the media player and music application. The shuffle and repeat status icons are not supported over Bluetooth wireless technology.

Connecting a Compatible Bluetooth Device

You can play media from a compatible Bluetooth device using the Bluetooth wireless connection.

- Select the Bluetooth source.
- Select > **DISCOVERABLE** to make the stereo visible to your compatible Bluetooth device.
- Enable Bluetooth on your compatible Bluetooth device.
- Bring the compatible Bluetooth device within 10 m (33 ft.) of the stereo.
- On your compatible Bluetooth device, search for Bluetooth devices.
- On your compatible Bluetooth device, select the RA55 stereo from the list of detected devices.
- On your compatible Bluetooth device, follow the on-screen instructions to pair and connect to the discovered stereo.

When pairing, your compatible Bluetooth device may ask you to confirm a code on the stereo. The stereo does not display a code, but it does connect correctly when you confirm the message on the Bluetooth device.

- 8 If your compatible Bluetooth device does not immediately connect to the stereo, repeat steps 1 through 7.

Bluetooth Range Information

The stereo and Bluetooth wireless devices have a range of 10 m (33 ft.). For optimal performance, the Bluetooth wireless device should also have a clear line of sight to the stereo.

Bluetooth Source Settings

With the BLUETOOTH source selected, select .

DISCOVERABLE: Allows the stereo to be visible to Bluetooth devices. This setting turns off automatically after two minutes to prevent possible interruption to audio after pairing a Bluetooth device to the stereo.

Radio

To listen to AM or FM radio, you must have a suitable marine AM/FM antenna properly connected to the stereo and be within range of a broadcasting station. For instructions on connecting an AM/FM antenna, see the stereo installation instructions.

Setting the Tuner Region

You must select the region you are in to receive AM and FM stations properly.

- 1 Select  > **SETTINGS** > **TUNER REGION**.
- 2 Select the region you are in.

Changing the Radio Station

- 1 Select an applicable source, such as **FM**.
- 2 Select  repeatedly to move through the tuning modes:
 - Select **AUTO** to scan and stop on the next available station.
 - Select **MANUAL** to select a station manually.
 - Select **PRESETS** to select a saved station preset.
- 3 Select  or  to tune to the station.

Presets

You can save your favorite AM stations and FM stations as presets for easy access.

Saving a Station as a Preset

- 1 With an applicable source selected, tune the stereo to a station.
- 2 Select  > **PRESETS**.
- 3 Select **SAVE CURRENT**.

TIP: You can quickly save the selected station as a preset by holding .

Selecting a Preset from a List

Before you can select a preset from a list, you must save at least one station as a preset.

- 1 Select the applicable source.
- 2 Select  > **PRESETS**.
- 3 Select a preset from the list.

Removing Presets

- 1 With an applicable source selected, select  > **PRESETS** > **REMOVE PRESET**.
- 2 Select an option:
 - To remove one preset, select the preset.
 - To remove all presets, select **REMOVE ALL PRESETS**.

General Settings

Select  > **SETTINGS**.

NOTE: When an option button is filled, the option is on. When the option button is clear, the option is off.

ZONE: Enables you to set the balance, volume limit, and names of the speaker zones.

ZONE > TONE: Adjusts the bass and treble tones.

LCD: Adjusts the backlight brightness and contrast settings (*Adjusting the Backlight Brightness and Contrast, page 1*).

LANGUAGE: Sets the language on the device.

POWER SAVE: Disables the LCD backlight after one minute of inactivity to save battery power.

TUNER REGION: Sets the region used by FM and AM.

SET DEVICE NAME: Sets the name for this stereo (*Entering Text, page 1*).

ABOUT: Shows the software version for the stereo.

Appendix

Registering Your FUSION® MS-RA55

Help us better support you by completing our online registration today.

- Go to www.fusionentertainment.com.
- Keep the original sales receipt, or a photocopy, in a safe place.

Cleaning the Device

- 1 Dampen a soft, clean, lint-free cloth with fresh water.
- 2 Gently wipe the device.

Troubleshooting

The stereo does not respond to key presses

- Turn off power to the stereo for two minutes to reset the stereo.

My Bluetooth audio is interrupted by short breaks

- Ensure the media player is not covered or obstructed. Bluetooth technology performs best with line-of-sight operation.
- Bring the media player within 10 m (33 ft.) of the stereo.
- Turn off the **DISCOVERABLE** setting after pairing a Bluetooth device to the stereo.

The stereo does not display all song information from my Bluetooth source

The availability of song information, such as song title, artist name, and track duration, depends on the capability of the media player and music application.

Album cover artwork and shuffle and repeat status icons are not supported by this stereo on Bluetooth technology.

Reducing Unexpected Noise

If the stereo is subject to strong electrical interference, this interference might be heard through the speakers. You should take appropriate action to suppress or reduce the noise.

- Add clip-on ferrite beads to the cables connected directly to the product.
- Add clip-on ferrite beads to the device in the vessel that is causing the interference.
- Disconnect the AUX input cable from the RCA connector when it is not used.

- For additional information, go to www.fusionentertainment.com and contact Tech Support.

Specifications

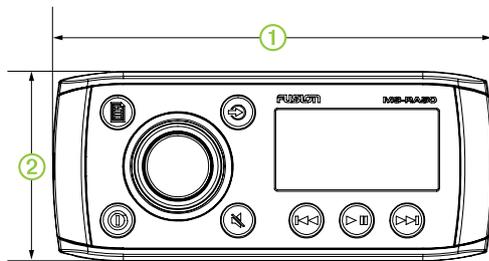
General	
Weight	556 g (19.6 oz.)
Water resistance	IEC 60529 IPX5
Operating temperature range	From 0 to 50°C (from 32 to 122°F)
Storage temperature range	From -20 to 70°C (from -4 to 158°F)
Input voltage	From 10.8 to 16 Vdc
Fuse	15 A
Current (max.)	15 A
Current (muted)	Less than 350 mA
Current (standby)	Less than 5 mA
Compass-safe distance	15 cm (5.9 in.)

On-board, Class AB Amplifier	
Output music power per channel	45 W max. x 4 channels at 4 Ohms per channel
Total output music power	180 W max.

Tuner	Europe and Australasia	USA	Japan
FM radio frequency range	From 87.5 to 108 MHz	From 87.5 to 107.9 MHz	From 76 to 95 MHz
FM frequency step	50 kHz	200 kHz	50 kHz
AM radio frequency range	From 522 to 1620 kHz	From 530 to 1710 kHz	From 522 to 1620 kHz
AM frequency step	9 kHz	10 kHz	9 kHz

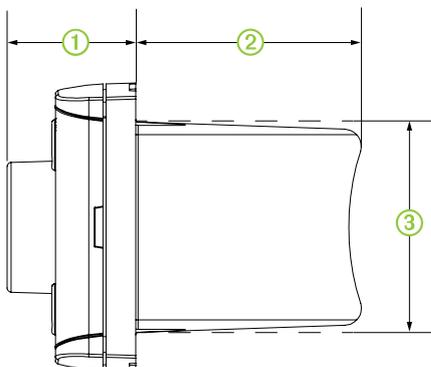
Stereo Dimension Drawings

Front Dimensions



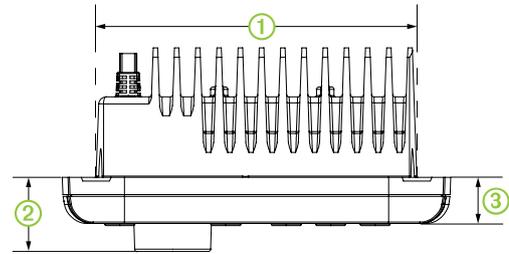
①	160 mm (6.3 in.)
②	71.5 mm (2.8 in.)

Side Dimensions



①	32 mm (1.25 in.)
②	52 mm (2 in.)
③	50 mm (2 in.)

Top Dimensions



①	130 mm (5.1 in.)
②	32 mm (1.25 in.)
③	20 mm (0.8 in.)

FUSION SUPPORT

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