



DESIGNED TO MOVE [YOU]®

# MS2A

AM|FM|USB|Bluetooth®|Waterproof Stereo with App Control



## KEY FEATURES

- 160 watts (40W x 4)
- Waterproof (IPX5)
- Bluetooth® interface capability (A2DP/AVRCP)
- iPod®/iPhone® ready (via USB)
- AM/FM tuner
- Low battery warning
- Rear AUX input (RCA)
- Wired remote control capable (MWR75/MWR100/MWR150)
- Pre-amp line-out audio (RCA)
- EQ presets
- Conformal-coated circuit boards
- Standard DIN chassis
- Solid top chassis
- UV resistant materials (ASTM D4329)
- Corrosion resistant finish (ASTM B117)
- Regulatory certifications: FCC/CE/RoHS/C-TICK
- Complies with UL60065
- App ready (jControl)

**ASAelectronics.**  
THE MOBILE ELECTRONICS COMPANY SINCE 1977  
2602 Marina Drive • Elkhart, IN 46514  
[www.asaelectronics.com](http://www.asaelectronics.com)

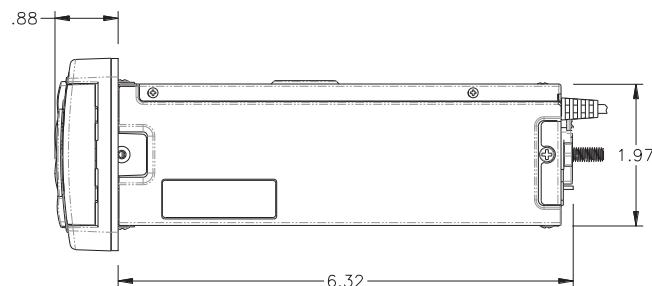
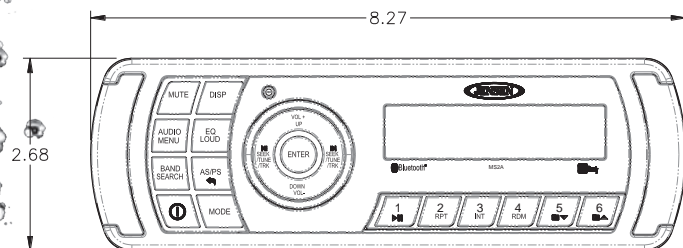
MARINE ENTERTAINMENT



DESIGNED TO MOVE [YOU]®

# MS2A

AM|FM|USB|Bluetooth®|Waterproof Stereo with App Control



## Features:

- 12V DC Power System (2-Wire)
- 1 DIN Panel Mount Chassis (Mounting Screws not included)
- Waterproof (IPx5) Fixed Front Panel
- Non-Volatile Memory: For station presets, audio settings and setup menu option settings.
- Segmented LCD with White LED backlighting
- Electronic AM/FM Tuner (US/Euro selectable)
- USB 2.0 (MP3 and WMA audio playback)
- iPod/ iPhone Ready (via USB)
- Receives Bluetooth audio (A2DP) and controls (AVRCP) from BT enabled source
- APP ready (jControl)
- Rear AUX In : (RCA)
- Pre-Amp Out: Rear Channel only (RCA)
- Wired Remote ready compatible with MWR75, MWR100 and MWR150
- Beep Tone confirmation (user selectable Off/Beep/Click)
- EQ Presets (Flat, Rock, Pop, Classical, User settings)
- Conformal Coated PCB
- UV Resistant: ASTMD4329 compliant
- Corrosion Resistant Material/ Finishing ASTMB117 compliant
- Low Battery warning: Audible over audio output and visual on displays when Battery voltage is <10.8V.
- Uses ISO 10487 locking connector for power/ speaker
- Regulatory Certifications: FCC, CE, RoHS, UL60065

## Specifications

### General Specifications

Power System		12 VDC
Operating Voltage Range		10 V to 16 V
Current Draw @ 12V	Idle	97 mA
	Nominal	1.5 A
	Maximum	11 A
Operating Temperature Range		-4°F to 149°F    -20°C to 65°C
Storage Temperature Range		-22°F to 158°F    -30°C to 70°C
Maximum Relative Humidity		100%
Overall Package Dimensions		2.7" L x 6.4" W x 8.3" H
Product Weight (unpackaged)		3 lbs.

### Performance Specifications

FM Sensitivity		1.5 uV
AM Sensitivity		30 uV
Output Power	RMS	21 W / Channel
	Maximum	40 x 4W
Total Harmonic Distortion		0.5%
Applied Test Suite		ASA ES0001
Regulatory Certification		FCC Part 15B; CE; RoHS, UL60065