

MARINE

Dual[®]

2013 PRODUCT LINE





Technology	1
Marinization	3
CD Receivers	5
Combo Packs	6
Mechless	8
Speakers	9
Accessories	10
Indoor/Outdoor Speakers	11
Bluetooth GPS Receiver	12
LillyPad Protective Sleeves	13
Product Comparisons	14

Easy to Use Connectivity ...



Built-in Bluetooth Wireless Technology

Top of the line Dual receivers have built-in Bluetooth, allowing the user to conveniently integrate their smartphones and other portable media devices into the boat's audio system, while keeping the devices hidden and protected from possible water splashes. The technology supports the three most popular profiles: HFP, A2DP and AVRCP:

Hands-free Calling (HFP)

Allows phone calls via the boat's audio system using most Bluetooth enabled cell phones, including the iPhone. Keep your phone safely tucked inside a watertight marine bag, and still make phone calls using the boat's audio system.

Audio Streaming and Player Control (A2DP and AVRCP)

Allow for wireless audio streaming from a portable media player to the receiver for playback through the boat's speakers. Control your media player directly from the receiver's front panel or via the receiver's remote control while keeping the device stashed away and protected from the elements.



Dual is one of the first manufacturers to offer SiriusXM-Ready receivers, allowing the user to easily expand their on-boat entertainment by adding satellite radio. The SiriusXM Connect universal tuner allows the Vehicle Tuner Kit to be plugged directly into the receiver. (Sold separately, SiriusXM subscription required)



Multi-Format Audio Support

Dual marine receivers are compatible with today's most popular digital audio formats: MP3 and WMA. Most Dual receivers support these formats, allowing the user to bring their entire music collection on the boat via CD, USB thumb drive, SD card or media player.

CD Playback Mode

Most Dual CD receivers allow playback of MP3/WMA data CDs in addition to traditional CDs and CD-R/RWs. Know what is playing at a glance with ID3 tag display of artist and track information.

SD Card Playback Mode

Many Dual audio receivers feature an SD card input, allowing the user to access their music library (up to 32GB of MP3 or WMA files) via an SD/SDHC card. The SD card inputs are conveniently located on the front panel or behind the faceplate of the receiver.

USB Playback Mode

Most Dual audio receivers feature USB inputs, allowing the user to access their music library (up to 16GB of MP3 or WMA files) via a USB flash drive. The USB inputs are conveniently located on the front panel of the receiver.

... for Enhanced On-the-Water Entertainment.



Direct USB Control for iPod®/iPhone®

Plug in your iPod or iPhone via the USB input and control it directly from the receiver's front panel. Browse the music library, change songs, adjust volume and more, while enjoying high-quality sound from the boat's speakers. The connected device will also be charged.





Dual Marine products are specifically designed and built to last in harsh marine environments:



Marinization Features & Technologies

UV Resistant Construction:

The faceplate and other exposed elements of the receiver are carefully injection-molded using high-temperature ultra violet-resistant resins, preventing them from breaking down in the sun and giving you peace of mind to enjoy your music on the water even during the sunniest days.



Conformal Coating:

A transparent protective film is applied to surfaces of all interior printed circuit boards. This additional layer of defense guards against dust, condensation and corrosion – ensuring maximum longevity in demanding marine installations.



PET Wrapped Chassis:

This tough, dirt and moisture-resistant layer of PET (polyethylene) wraps the top and sides of the entire chassis - providing an additional measure of protection from the harsh marine elements. Keep your music in, but moisture and debris out.



Silicone Covers:

Injected from high-grade silicone, these removable covers guard your receiver's front panel inputs, protecting them from water splashes and debris. A convenient tether provides an attachment to the receiver, ensuring the covers are removable but won't get lost at sea.



Marinization Features & Technologies

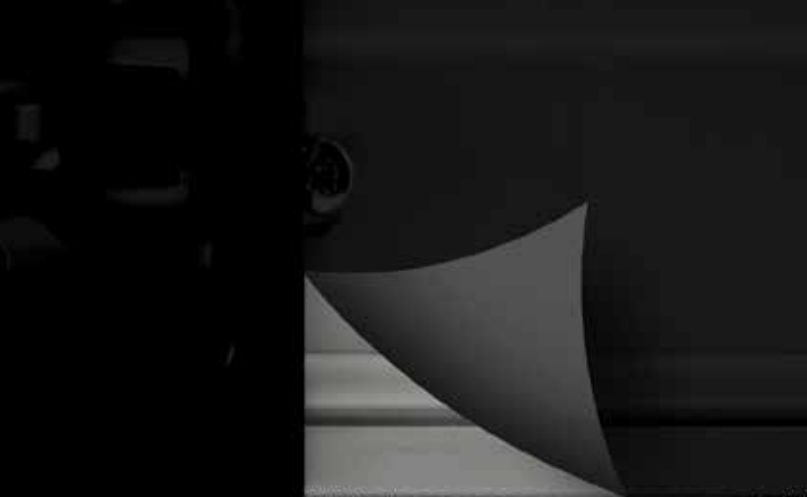
Positive LCD Display:

The vibrant positive-type LCD (Liquid Crystal Display) provides enhanced visibility under the toughest boating environments. High-contrast black characters on a white background ensure readability in any situation - from total darkness to direct sunlight.



EDP Chassis:

Applied using an electrical charge, EDP (Electrophoretically Deposited Paint) offers unparalleled protection against corrosion and rust resistance. All exterior metal surfaces including chassis, heatsink and mounting sleeve undergo this process to ensure long life in the marine environment.





AMB600W CD Receiver

This top of the line CD receiver offers robust connectivity to most of today's popular portable electronics. It features direct USB control for iPod and iPhone devices and is SiriusXM-Ready. The receiver also provides basic control for select Internet radio apps for both wired as well as wirelessly connected devices. The built-in Bluetooth Wireless Technology supports hands-free calling, audio streaming and player control profiles. The receiver features a built-in 7-channel NOAA weather band tuner, front panel USB and 3.5mm auxiliary inputs, and an SD card input behind the faceplate.



Optional Accessories:



.. MECHLESS ..



AMB500W Digital Media Receiver NEW!

This mechless version of our flagship AMB600W offers the same great features without the CD mechanism. Perfect for use with iPod, iPhone and other digital media and storage devices. Ideal for small space installations.

Optional Accessories:



AM400W CD Receiver

This versatile CD receiver features direct USB control for iPod and iPhone devices and a built-in 7-channel NOAA weather band tuner. The receiver also provides basic control for select Internet radio apps. The USB and 3.5mm auxiliary inputs are conveniently located on the front panel of the receiver.



Model # / Feature	DIN Size	Power	MOSFET Powered	LCD	Weather Band Tuner	Media Formats	Aux-In	SD Card Input	USB Input	Direct USB Control For iPod & iPhone	Built-In Bluetooth ¹	SiriusXM Ready ²	Remote Control	Preamp Outputs	Included Accessories
AMB600W	1-DIN	240W (60 x 4)	✓	2-Line 16-Character	7-Band NOAA	CD MP3/WMA	Front 3.5mm Rear RCA	✓	Front	✓	✓	✓	✓	2	3.5mm Aux Cable
AMB500W	1-DIN MECHLESS	240W (60 x 4)	✓	2-Line 16-Character	7-Band NOAA	MP3/WMA	Front 3.5mm Rear RCA	✓	Front	✓	✓	✓	✓	2	3.5mm Aux Cable
AM400W	1-DIN	240W (60 x 4)	✓	10-Character	7-Band NOAA	CD MP3/WMA	Front 3.5mm		Front	✓			✓	1	3.5mm Aux Cable

1 - HFP- Hands-Free Profile, A2DP-Advanced Audio Distribution Profile, AVRCP- Audio Video Remote Control Profile 2 - Requires SiriusXM Vehicle Connect Tuner (sold separately)



AMCP400W CD Receiver with 6.5" Speakers

This versatile CD receiver plus 6.5" speakers combo unit features direct USB control for iPod and iPhone devices and a built-in 7-channel NOAA weather band tuner. The receiver provides basic control for select Internet radio apps. The USB and 3.5mm auxiliary inputs are conveniently located on the front panel of the receiver.



MCP304S CD Receiver with 2 Pairs of 6.5" Speakers and Splashguard

NEW!

Stay connected to your media with this intuitive, simple to use CD receiver. The receiver features convenient front panel USB and 3.5mm auxiliary inputs, as well as an SD card input behind the faceplate for MP3/WMA playback.



The included splashguard accommodates most 1.0 DIN receivers. The transparent fold-down door with rubber seal and positive locking door mechanism guards the receiver against water splashes and the sun's harsh UV rays, preventing corrosion and UV damage. Easy to install, adjustable mounting mechanism.

MCP300GH CD Receiver with 6.5" Speakers and Gimbal Housing

This robust CD receiver plus 6.5" speakers combo also includes a fully enclosed gimbal housing to further protect the electronics from harsh marine environments. The receiver features convenient front panel USB and 3.5mm auxiliary inputs, as well as an SD card input behind the faceplate.



USB
UNIVERSAL SERIAL BUS

SD
™



The fully-enclosed, universal gimbal housing accommodates most 1.0 DIN receivers. The transparent fold-down door with rubber seal and positive locking door mechanism guards the receiver against water splashes and the sun's harsh UV rays, preventing corrosion and UV damage. Easy to install, adjustable mounting mechanism.



MCP300 CD Receiver with 6.5" Speakers

Stay connected to your media with this intuitive, simple to use CD receiver. The receiver features convenient front panel USB and 3.5mm auxiliary inputs, as well as an SD card input behind the faceplate for MP3/WMA playback.



USB
UNIVERSAL SERIAL BUS

SD
™



MCP204 CD Receiver with 2 Pairs of 6.5" Speakers

Listen to your collection of CDs or easily connect your iPod, iPhone or other media devices via the auxiliary 3.5mm input. The front panel USB input will charge your device while out on the water.



USB
UNIVERSAL SERIAL BUS



Charge Only





MCP200S CD Receiver with 6.5" Speakers and Splashguard

The CD receiver in this combo pack allows you to connect your iPod, iPhone or other media devices via the auxiliary 3.5mm input. The front panel USB input will charge your device while out on the water.



The included splashguard features a transparent fold-down door with rubber seal and high-temp, UV-resistant ABS polymer construction to help protect the receiver from damaging effect of the elements.

MCP100 Digital Media Receiver with 6.5" Speakers (Gray)

The mechless receiver in this combo unit will play hundreds of MP3 and WMA songs straight from USB flash drives, SD cards or iPod and iPhone devices connected via the auxiliary input. The receiver features convenient front panel USB, SD and 3.5mm inputs.



MCP100B Digital Media Receiver with 6.5" Speakers (Black) NEW!

The mechless receiver in this combo unit will play hundreds of MP3 and WMA songs straight from USB flash drives, SD cards or iPod and iPhone devices connected via the auxiliary input. The receiver features convenient front panel USB, SD and 3.5mm inputs.



Model # / Feature	DIN Size	Power	MOSFET Powered	LCD	Weather Band Tuner	Media Formats	Aux-In	SD Card Input	USB Interface	Direct USB Control For iPod & iPhone	Remote Control	Preamp Outputs	Included Accessories
AMCP400W	1-DIN	240W (60 x 4)	✓	10-Character	7-Band NOAA	CD MP3/WMA	Front 3.5mm		Front	✓	✓	1	DMP670 3.5mm AUX cable
MCP304S	1-DIN	240W (60 x 4)	✓	8-Character		CD MP3/WMA	Front 3.5mm	✓	Front		✓	1	2 Pair of DMP670 3.5mm AUX cable, SG4
MCP300GH	1-DIN	240W (60 x 4)	✓	8-Character		CD MP3/WMA	Front 3.5mm	✓	Front		✓	1	DMP670, MH200 3.5mm AUX cable
MCP300	1-DIN	240W (60 x 4)	✓	8-Character		CD MP3/WMA	Front 3.5mm	✓	Front		✓	1	DMP670 3.5mm AUX cable
MCP204	1-DIN	100W (25 x 4)		7-Character		CD	Front 3.5mm		Front Charging Only		✓	1	2 pairs of DMP670 3.5mm AUX cable
MCP200S	1-DIN	100W (25 x 4)		7-Character		CD	Front 3.5mm		Front Charging Only		✓	1	DMP670, SG4 3.5mm AUX cable
MCP100/B	1-DIN MECHLESS	240W (60 x 4)	✓	8-Character		MP3/WMA	Front 3.5mm	✓	Front		✓	1	DMP670 3.5mm AUX cable

DMS369 6" x 9" 3-Way Speakers **NEW!**

These durable speakers are built with a magnetically shielded woofer and an injection-molded polypropylene cone. The poly-cloth surround is weather-resistant, guarding against water splashes. The speakers also have a uv-resistant weatherproof grille and stainless steel mounting hardware. Peak power is 200 Watts.



DMS365 6.5" 3-Way Speakers **NEW!**

Featuring an injection-molded polypropylene cone and poly-cloth surround to protect against the elements. Peak power is 120 Watts.



DMS692 6" x 9" 2-Way Speakers

Featuring an injection-molded polypropylene cone and rubber surround to protect against the elements. Peak power is 200 Watts.



DMS652 6.5" 2-Way Speakers

Featuring an injection-molded polypropylene cone and rubber surround to protect against the elements. Peak power is 175 Watts.



DMP670 6.5" Dual Cone Speakers

The polypropylene dual cone design provides enhanced vocal clarity. Injection-molded woofer cones let you hear your music with accurate bass response. Peak power is 100 Watts.

Model # / Feature	Size	Type	Color	Power Rating (RMS/Peak)	Woofer	Tweeter	Sensitivity	Frequency Response	Mounting Opening Diameter	Mounting Depth
DMS369	6"x9"	3-Way	White	50W/200W	Polypropylene	58mm Dome 18mm Piezo	89dB	42Hz-17kHz	5.71" x 8.47"	3.44"
DMS365	6.5"	3-Way	White	30W/120W	Polypropylene	35mm Dome 13mm Piezo	88dB	45Hz-17kHz	5.13"	2.38"
DMS692	6"x9"	2-Way	White	80W/200W	Polypropylene	25mm Silk Dome	94dB	55Hz-22kHz	5.75" x 8.8"	3.82"
DMS652	6.5"	2-Way	White	65W/175W	Polypropylene	19mm Silk Dome	93dB	65Hz-20kHz	5.63"	3.45"
DMP670	6.5"	Dual Cone	White	20W/100W	Polypropylene		88dB	45Hz-15kHz	5.13"	2.13"



MH200 Universal Gimbal Housing

This watertight, fully-enclosed, gimbal housing accommodates most 1.0 DIN receivers. The transparent fold-down door with rubber seal and positive locking door mechanism guards the receiver against water splashes and the sun's harsh UV rays, preventing corrosion and UV damage. Features one-piece, adjustable mounting bracket for easy installation.

SG3/SG4 Universal Splashguard (White/Gray)

This watertight splashguard features a recessed design to accommodate most 1.0 DIN head units. The transparent fold-down door with rubber seal, and high-temp, UV-resistant ABS polymer construction help protect the receiver from the damaging effects of the elements. Can be mounted hinge up or down.



MRF40 RF Remote Control **NEW!**

- Works with AMB600W and AMB500W receivers
- Controls your stereo from anywhere on or near the boat
- Waterproof and floats
- Typical effective range 30ft.
- Detachable lanyard included

MAR16W/B Universal Antenna (White/Black)

- 180° swivel base for increased mounting options
- 54" corrosion resistant cable
- Durable and flexible mast
- Available in white or black



MAW40 Soft Wire Antenna

- 40" corrosion resistant cable
- Simple installation – no mounting required

IP35WG Audio Interface Adapter

- Includes marine iplug™ and 3.5mm to 3.5mm cable
- Universal connection for all portable digital media players
- Multiple mounting options for easy front-of-dash access
- Corrosion resistant gold plated connections





LU43PW Indoor/Outdoor Speakers - White

Indoor/Outdoor Wall Mountable Stereo Speakers

Available in black: LU43PB, and in white: LU43PW

These versatile, weather-resistant stereo speakers can be used indoors or out. 4" 3-way component speakers deliver high-quality sound in both interior and exterior environments. Mounting brackets are included for on-wall and ceiling installation, allowing for many convenient applications: from home theater surround sound to outdoor patio areas.

- RMS power: 50 watts
- Peak power: 100 watts
- Dimensions: 8.25" H x 5.25" W x 5.25" D
- Sold as a pair



LU43PB Indoor/Outdoor Speakers - Black

XGPS150A Universal GPS Receiver with Bluetooth® Wireless Technology

This portable, highly-accurate GPS Receiver continuously tracks your location and wirelessly transmits GPS data to the iPad, iPod touch, iPhone and other Bluetooth-enabled Android and Windows devices. Instantly, your device will be able to work with apps that require fast and accurate location information.

From recreational boaters to commercial fishermen – boaters can use the XGPS150A to supply GPS data to marine chart plotting apps on Apple and Android tablets and smartphones.

Thanks to its wireless connectivity, you can position the GPS receiver on your boat in a place with a direct view of the sky, for best performance, while your tablet or smartphone is close to you, protected from the elements. The XGPS150A is splashproof inside the included non-slip pad, and it works fine inside a waterproof container or a zip-up bag.










Also great for use with apps for car navigation, golfing, geocaching, hunting and many others.



Features:

- High-sensitivity WAAS GPS receiver works with most apps
- Bluetooth wireless connectivity
- Certified to work with Apple iPad, iPod touch and iPhone devices
- Also works with Bluetooth-enabled Android, Blackberry, Windows and OS X devices
- Rechargeable battery lasts up to 8.5 hours
- USB charging via the included USB cable
- Includes a non-slip dashboard pad for use in a car/on a boat
- Includes an adjustable strap to attach to an arm or a backpack
- Includes a cigarette lighter adapter for charging (12-30V input, 2.1A output)

What can you do with it?

								
Aviation	Marine Navigation	Cycling / Running / Fitness	Social Networking	Car Navigation	What's Nearby?	Hiking / GPS Tracking	Golfing	Geocaching



Shown in a boat, inside the included non-slip pad



Shown in a car, inside the included non-slip pad



Small, portable design (2.25" x 2.25" x .75")

Go Ahead. Explore.



LillyPad sleeves protect your devices from:



Full TOUCH SCREEN Operation

SOUND BOOST CHAMBER™



CRYSTAL CLEAR VIEW

PB501GE Protective Sleeve for iPad

- Allows for full touch screen operation
- Water resistant
- Reusable and resealable
- Crystal clear view
- No muffled sound thanks to sound boost chamber
- Fits all iPad models and other devices up to: 9.5" x 7.4"

PT101BE Protective Sleeve for Smartphones

- Allows for full touch screen operation
- Water resistant
- Reusable and resealable
- Crystal clear view
- No muffled sound or wind noise on a call
- Fits all iPhone and iPod touch models, most HTC and Droid smartphones, and others up to 5" x 2.75" x 7/16"



CD Receivers

Model # / Feature	DIN Size	Power	MOSFET Powered	LCD	Weather Band Tuner	Media Formats	Aux-In	SD Card Input	USB Input	Direct USB Control For iPod & iPhone	Built-In Bluetooth ¹	SiriusXM Ready ²	Remote Control	Preamp Outputs	Included Accessories
AMB600W	1-DIN	240W (60 x 4)	✓	2-Line 16-Character	7-Band NOAA	CD MP3/WMA	Front 3.5mm Rear RCA	✓	Front	✓	✓	✓	✓	2	3.5mm Aux Cable
AMB500W	1-DIN MECHLESS	240W (60 x 4)	✓	2-Line 16-Character	7-Band NOAA	MP3/WMA	Front 3.5mm Rear RCA	✓	Front	✓	✓	✓	✓	2	3.5mm Aux Cable
AM400W	1-DIN	240W (60 x 4)	✓	10-Character	7-Band NOAA	CD MP3/WMA	Front 3.5mm		Front	✓			✓	1	3.5mm Aux Cable

1 - HFP- Hands-Free Profile, A2DP-Advanced Audio Distribution Profile, AVRC- Audio Video Remote Control Profile 2 - Requires SiriusXM Vehicle Connect Tuner (sold separately)

Combo Packs

Model # / Feature	DIN Size	Power	MOSFET Powered	LCD	Weather Band Tuner	Media Formats	Aux-In	SD Card Input	USB Interface	Direct USB Control For iPod & iPhone	Remote Control	Preamp Outputs	Included Accessories
AMCP400W	1-DIN	240W (60 x 4)	✓	10-Character	7-Band NOAA	CD MP3/WMA	Front 3.5mm		Front	✓	✓	1	DMP670 3.5mm AUX cable
MCP304S	1-DIN	240W (60 x 4)	✓	8-Character		CD MP3/WMA	Front 3.5mm	✓	Front		✓	1	2 Pair of DMP670 3.5mm AUX cable, SG4
MCP300GH	1-DIN	240W (60 x 4)	✓	8-Character		CD MP3/WMA	Front 3.5mm	✓	Front		✓	1	DMP670, MH200 3.5mm AUX cable
MCP300	1-DIN	240W (60 x 4)	✓	8-Character		CD MP3/WMA	Front 3.5mm	✓	Front		✓	1	DMP670 3.5mm AUX cable
MCP204	1-DIN	100W (25 x 4)		7-Character		CD	Front 3.5mm		Front Charging Only		✓	1	2 pairs of DMP670 3.5mm AUX cable
MCP200S	1-DIN	100W (25 x 4)		7-Character		CD	Front 3.5mm		Front Charging Only		✓	1	DMP670, SG4 3.5mm AUX cable
MCP100/B	1-DIN MECHLESS	240W (60 x 4)	✓	8-Character		MP3/WMA	Front 3.5mm	✓	Front		✓	1	DMP670 3.5mm AUX cable

Speakers

Model # / Feature	Size	Type	Color	Power Rating (RMS/Peak)	Woofers	Tweeter	Sensitivity	Frequency Response	Mounting Opening Diameter	Mounting Depth
DMS369	6"x9"	3-Way	White	50W/200W	Polypropylene	58mm Dome 18mm Piezo	89dB	42Hz-17kHz	5.71" x 8.47"	3.44"
DMS365	6.5"	3-Way	White	30W/120W	Polypropylene	35mm Dome 13mm Piezo	88dB	45Hz-17kHz	5.13"	2.38"
DMS692	6"x9"	2-Way	White	80W/200W	Polypropylene	25mm Silk Dome	94dB	55Hz-22kHz	5.75" x 8.8"	3.82"
DMS652	6.5"	2-Way	White	65W/175W	Polypropylene	19mm Silk Dome	93dB	65Hz-20kHz	5.63"	3.45"
DMP670	6.5"	Dual Cone	White	20W/100W	Polypropylene		88dB	45Hz-15kHz	5.13"	2.13"