

MARINE

Dual[®]

2014 PRODUCT LINE



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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.



SXV200
VEHICLE TUNER



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.

Made for



iPod



iPhone

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.



PANDORA®

Control for Pandora Internet Radio App

Enjoy personalized Internet radio on your boat, directly from the receiver. Give tracks "thumbs up" or "thumbs down," bookmark a song for purchase and switch between your personalized radio stations. The receiver conveniently displays full track data. The Pandora control feature is compatible with iPhone devices connected to the receiver via USB and with Android and Blackberry devices connected via Bluetooth. Pandora app required (free download from the iTunes App Store).

IPX6 Marinized

The new Dual gauge hole receivers are designed to meet the IPX6 waterproof standard. The receivers will not fail or allow water seepage when exposed to heavy splashing and rain, giving you peace of mind while on the water.



Floating, IPX7 Waterproof Remote

The remote control included with the 105 series models has been designed to float, and to be waterproof during a short water immersion (up to 3 feet deep, for less than 30 minutes).



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.

.. MECHLESS ..



MGH30BT **NEW!**

Digital Media Receiver with 3" LCD and Bluetooth

This flagship, gauge hole-size receiver features a large 3" TFT, multi-line, full-color LCD. The built-in Bluetooth supports audio streaming and player control profiles. The receiver is IPX6 waterproof to withstand heavy splashing and rain. Direct control for iPod and iPhone devices is available via the rear USB input. Media playback from select Android devices is also available via USB. One pair of RCA aux inputs and preamp outputs are also located on the back of the receiver. The zero current draw memory back-up saves the boat's battery when idle.



Bluetooth™

Made for iPod iPhone

Media Playback

USB
UNIVERSAL SERIAL BUS

IPX6
Waterproof

Zero
Current
Draw

Low
Battery
Indicator

PANDORA®

MGH20 **NEW!**

Digital Media Receiver with Control for iPod/iPhone and Pandora

This gauge hole-size receiver is IPX6 waterproof to withstand heavy splashing and rain. It features direct USB control for iPod and iPhone devices and control for Pandora app on an iPhone connected via USB. Media playback from select Android devices is also available via USB. The USB input for playback and charging, the RCA aux inputs and preamp outputs are located on the back of the receiver. The zero current draw memory back-up saves the boat's battery when idle.



Made for iPod iPhone

Media Playback

PANDORA®

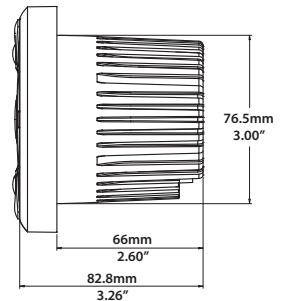
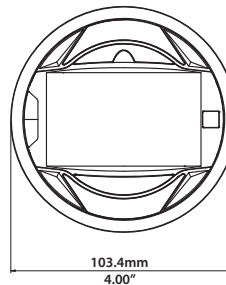
USB
UNIVERSAL SERIAL BUS

IPX6
Waterproof

Zero
Current
Draw

Low
Battery
Indicator

.. MECHLESS ..



Perfect Fit and Easy Installation

The Gauge Hole Receivers are designed to perfectly fit in the boat's console gauge openings. Choose white or black design to match your console's finish. The receivers are built to IPX6 waterproof standards, to withstand heavy splashing and rain. Installation is easy with 2.6" mounting depth and 3" mounting diameter.

Model # / Feature	Opening	Power	MOSFET Powered	LCD	Direct USB Control For iPod & iPhone	Pandora Control	Built-In Bluetooth ¹	USB Input	Aux-In	Media Formats	Preamp Outputs	Remote Control	Zero Current Draw Memory Back-Up	Speakers Included
MGH30BT	3"	240W (60 x 4)	✓	3" (320x240) Multi-Line	✓	✓	✓	Rear	Rear RCA	MP3/WMA	1	✓	✓	
MGH20	3"	240W (60 x 4)	✓	2-Line 16-Character	✓	✓		Rear	Rear RCA	MP3/WMA	1	✓	✓	

1 - A2DP-Advanced Audio Distribution Profile, AVRCP-Audio Video Remote Control Profile



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:



SiriusXM Vehicle Connect Tuner kit (sold separately)



MRF40 RF Remote Control (Sold separately. See Page 11.)



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
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)

AMCP500BT **NEW!**

Digital Media Receiver with Bluetooth and 6.5" 3-Way Speakers

This top of the line mechless receiver combo offers direct USB control for iPod and iPhone devices and is SiriusXM-Ready. The built-in Bluetooth supports hands-free calling, audio streaming and player control profiles. Also features a 7-channel NOAA weather band tuner, front panel USB and 3.5mm inputs and an SD card input behind the faceplate.

Made for iPod iPhone

SiriusXM READY

Bluetooth

Connectivity via Bluetooth

USB UNIVERSAL SERIAL BUS

SD

Weather Band Tuner

2 Year Warranty

.. MECHLESS ..



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.

Made for iPod iPhone

USB UNIVERSAL SERIAL BUS

Weather Band Tuner

Anchor icon

MCP420BT **NEW!**

CD Receiver with Bluetooth and 6.5" Speakers

This robust CD receiver features built-in Bluetooth with support for hands-free calling, audio streaming and player control profiles. The 3.5mm and USB auxiliary inputs are conveniently located on the front of the receiver.

Bluetooth

Connectivity via Bluetooth

USB UNIVERSAL SERIAL BUS

2 Year Warranty

Extra Wide 3.7 LCD



MCP420GH **NEW!**

CD Receiver with Bluetooth, 6.5" Speakers and Gimbal Housing

See page 11 for details.

MCP1054 **NEW!** Digital Media Receiver with 2 Pairs of 6.5" Speakers

Stay connected to your media with this intuitive, simple to use receiver. The receiver features convenient front panel USB and 3.5mm inputs, as well as an SD card slot behind the faceplate for MP3/WMA playback. The included floating remote control is IPX7 waterproof (up to 3 feet deep, for less than 30 minutes).



Floating, IPX7 waterproof remote



See page 11 for details.

MCP1054S **NEW!** Digital Media Receiver with 2 Pairs of 6.5" Speakers and Splashguard

.. MECHLESS ..



Floating, IPX7 waterproof remote

MCP1054B **NEW!** Digital Media Receiver with 2 Pairs of 6.5" Speakers in Black

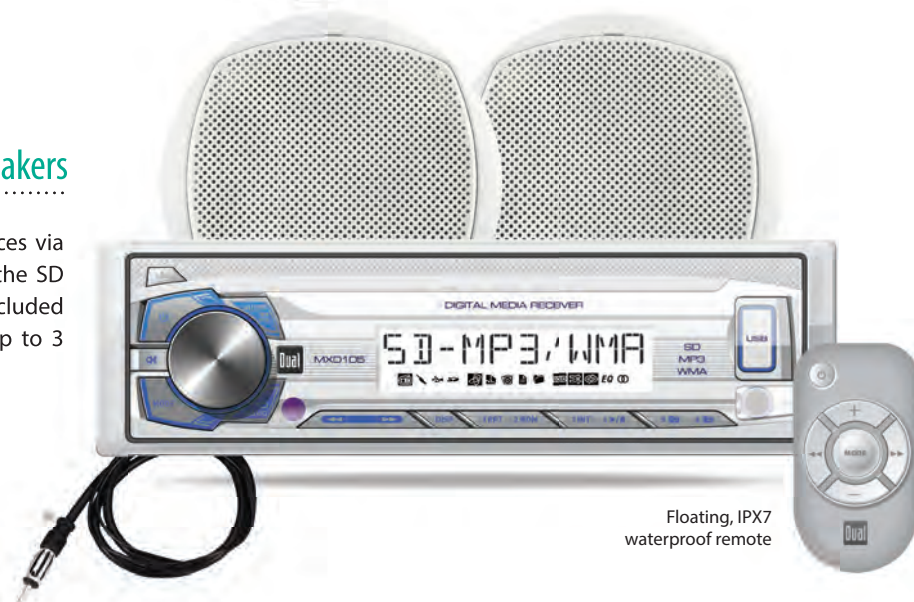
This intuitive and simple to use receiver features convenient front panel USB and 3.5mm inputs, as well as an SD card slot behind faceplate for MP3/WMA playback. The included floating remote control is waterproof to meet IPX7 standards (up to 3 feet deep, for less than 30 minutes).



.. MECHLESS ..

MCP105 **NEW!** Digital Media Receiver with 6.5" Speakers

Easily connect your iPod or other media devices via the front panel USB or 3.5mm inputs, or via the SD card slot located behind the faceplate. The included floating remote control is IPX7 waterproof (up to 3 feet deep, for less than 30 minutes).



Floating, IPX7 waterproof remote



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.



USB
UNIVERSAL SERIAL BUS
Charge Only



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.

•• MECHLESS ••

MCP100 Digital Media Receiver with 6.5" Speakers

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.



USB
UNIVERSAL SERIAL BUS



MCP100B Digital Media Receiver with 6.5" Speakers in Black

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	SiriusXM Ready ²	Remote Control	Preamp Outputs	Included Accessories
AMCP500BT	1-DIN MECHLESS	240W (60 x 4)	✓	2-Line 16-Character	7-Band NOAA	MP3/WMA	Front 3.5mm	✓	Front	✓	✓	✓	✓	2	DMS365, MAW40 3.5mm AUX cable
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
MCP420GH	1-DIN	240W (60 x 4)	✓	10-Character		CD MP3/WMA	Front 3.5mm		Front		✓		✓	1	DMP670, MH200 MAW40
MCP420BT	1-DIN	240W (60 x 4)	✓	10-Character		CD MP3/WMA	Front 3.5mm		Front		✓		✓	1	DMP670 MAW40
MCP200S	1-DIN	100W (25 x 4)		7-Character		CD	Front 3.5mm		Front Charging Only				✓	1	DMP670, SG4 3.5mm AUX cable
MCP1054S	1-DIN MECHLESS	240W (60 x 4)	✓	10-Character		MP3/WMA	Front 3.5mm	✓	Front				Floating IPX7 Rated	1	2 Pair DMP670 SG3, MAW40
MCP1054/B	1-DIN MECHLESS	240W (60 x 4)	✓	10-Character		MP3/WMA	Front 3.5mm	✓	Front				Floating IPX7 Rated	1	2 Pair DMP670 MAW40
MCP105	1-DIN MECHLESS	240W (60 x 4)	✓	10-Character		MP3/WMA	Front 3.5mm	✓	Front				Floating IPX7 Rated	1	DMP670 MAW40
MCP100/B	1-DIN MECHLESS	240W (60 x 4)	✓	8-Character		MP3/WMA	Front 3.5mm	✓	Front				✓	1	DMP670 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)

DMS369 6" x 9" 3-Way Speakers

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

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	58mm Dome 18mm Piezo	88dB	45Hz-17kHz	5.13"	2.38"
DMS692	6"x9"	2-Way	White	80W/200W	Polypropylene	25mm Neo Dome	90dB	55Hz-22kHz	5.69" x 8.43"	3.43"
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

- 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



MAW40 Soft Wire Antenna

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

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



IP35WG RCA to 3.5mm 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

IP35USB RCA & USB to 3.5mm & USB Adapter

NEW!

- Allows the 3.5mm and USB aux inputs to be mounted on the boat's console for easy access
- Ideal for Dual gauge hole receivers and other receivers with rear auxiliary inputs
- Watertight cover
- Standard cigarette lighter size: 1 11/16" diameter, and 5.9' cable for easy installation
- Corrosion resistant gold plated connectors



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



LU43PW Indoor/Outdoor Speakers - White



LU43PB Indoor/Outdoor Speakers - Black

WP7 Waterproof Case for GPS Receivers **COMING SOON!**

- Provides protection from water and dust
- IPX7 waterproof (up to 3 feet deep, for less than 30 minutes).
- Two mounting options: permanent or temporary
- Fits XGPS150A and XGPS160 GPS receivers
- Optional 12VDC power cable permits charging the GPS while inside the case



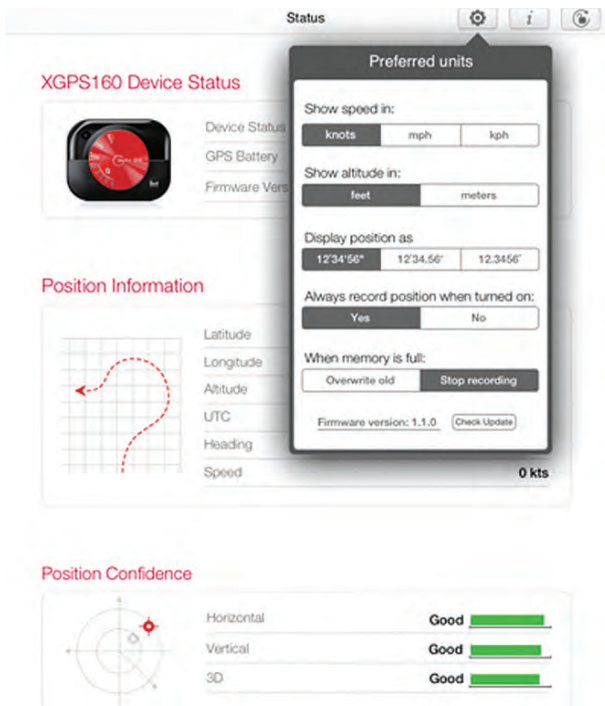
XGPS160 **NEW!**

SkyPro GPS Receiver for iPad and Android Tablets

Meet the SkyPro – a brand new GPS receiver with fast signal acquisition, 10Hz positioning updates, simultaneous GPS and GLONASS reception, Bluetooth connectivity to 5 devices and automatic route recording.

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

The receiver works with virtually any app that requires GPS, and in addition to the marine apps, it can be used with apps for car navigation, golfing, geocaching, hunting, fitness, flying, and many others.



Features:

- WAAS GPS receiver
- Simultaneous GPS and GLONASS reception
- Up to 10 position samples per second
- Bluetooth connectivity to up to 5 devices
- Automatic route recording
- For Apple and Android devices
- Works with marine chart plotting apps and other apps that require GPS (navigation, car racing, hunting, golfing, etc.)
- Built-in battery lasts 10 hours
- Free status tool app
- Non-slip holder included
- 12-28V charger included

What can you do with it?



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.