



ProTech™

water-resistant marine housing kit
installation instructions and owner's guide

we play where you play™

 probrand

MODEL: XMME-KIT001

Tools You'll Need To Install Your ProTech™ Water-resistant Marine Housing Kit

• Electric drill.....



• 1/2" (1.27 cm) drill bit.....



• 9/64" (0.150" = #25) drill bit.....

• 3/32" (0.094" = #42) drill bit.....

• Masking tape.....



• Wire crimper (or pliers).....



• Pliers.....



• Wire cutter.....



• 25-ft (7.6 m) tape measure.....



• #2 Philips head screwdriver.....



• Medium sized flat head screwdriver.....



• A US dime.....



• Scissors.....



What's In This Manual

Parts List:

These parts come with your ProTech™ water-resistant marine housing kit.

Step One:

Determining the general layout and connection option.

Step Two:

Choosing a location for your ProTech™ water-resistant marine housing.

Step Three:

Mounting the XM® marine antenna.

Step Four:

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Step Five:

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Step Six:

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Step Seven:

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Step Eight:

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Step Nine:

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Step Ten:

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Step Eleven:

Inserting the XM® Radio into the ProTech™ water-resistant marine housing.

Step Twelve:

Enjoy!

Mounting Templates

Warranty Statement

Parts List

These parts come with your ProTech™ water-resistant marine housing kit.

Designation: A **Quantity:** 1
Description: ProTech™ water-resistant marine housing
Used to: Protect the XM® radio receiver

Designation: B **Quantity:** 1
Description: 10-ft (3-m) black power wire with in-line fuse
Used to: Provide power from the boat to the ProTech™ water-resistant marine housing

Designation: C **Quantity:** 2 each
Description: Spade, round and "flag" lugs
Used to: Terminate the power wire

Designation: D **Quantity:** 1
Description: Floating, water-proof remote control
Used to: Control the XM® receiver while in the ProTech™ water-resistant marine housing

Designation: E **Quantity:** 2
Description: AAA batteries
Used to: Power the remote control

Designation: F **Quantity:** 1
Description: ProTech™ XM® marine antenna
Used to: Receive XM® satellite signal

Designation: G **Quantity:** 1
Description: 25-ft (7.6-m) antenna cable and connector
Used to: Connect the XM® marine antenna to the ProTech™ water-resistant marine housing

Designation: H **Quantity:** 1
Description: Adapter for Delphi RodyXT®
Used to: Ensure the Delphi RodyXT® XM® radio receiver fits correctly

Designation: I **Quantity:** 1
Description: Adjustable mounting bracket
Used to: Mount the ProTech™ water-resistant marine housing to your boat

Designation: J **Quantity:** 1
Description: XM® FM Direct Adapter
Used to: Transmit XM® signal from your ProTech™ water-resistant marine housing to your boat's FM radio

Designation: K **Quantity:** 1
Description: Mounting bracket template (#1)
Used to: Determine where the holes for the ProTech™ water-resistant marine housing mounting bracket should be drilled

Designation: L **Quantity:** 1

Description: Antenna mounting template (#2); (If not mast mounting antenna)

Used to: Determine where the holes for the ProTech™ XM® marine antenna mounting flange should be drilled

Designation: M **Quantity:** 1

Description: 4.9-ft (1.5 m), 3.5 mm-to-3.5 mm audio cable. (Longer cable available from most electronics stores.)

Used to: Connect audio line-out on the ProTech™ water-resistant marine housing to front or rear AUX input of boat's stereo

Designation: N **Quantity:** 4

Description: M4x10 Philips head stainless steel screws

Used to: Mount the adjustable bracket to the ProTech™ water-resistant marine housing

Designation: O **Quantity:** 4

Description: #8-18x3/4 Phillips pan head stainless steel screws

Used to: Mount adjustable bracket to boat

Designation: P **Quantity:** 4

Description: #8-18x3/4 Phillips pan head stainless steel screws

Used to: Mount the XM® marine antenna to your boat

Designation: Q **Quantity:** 4

Description: M4x0.7x10 Phillips pan head stainless steel screws

Used to: Surface mount ProTech™ XM® marine antenna or fasten either flange or pole mount adapter to ProTech™ XM® marine antenna.

Designation: R **Quantity:** 1

Description: Cable tie

Used for: Optional wire management

Designation: S **Quantity:** 5

Description: Various rubber spacers

Used to: Secure radio inside the ProTech™ water-resistant marine housing and to protect the connector during storage

Designation: T **Quantity:** 1

Description: Rubber plug for unused audio output jack

Used to: Seal/protect audio output jack on ProTech™ water-resistant marine housing when not in use. Attaches to head of antenna input jack so it does not get lost if unplugged.*

Designation: U **Quantity:** 1

Description: Flange mount adapter

Used to: Surface mounting XM® satellite receiving antenna

Designation: V **Quantity:** 1

Description: Pole mount adapter

Used to: Mast mount XM® satellite receiving antenna

***Note:** Failure to install this plug when the audio output jack on the ProTech™ water-resistant marine housing is not used will allow water to intrude into the ProTech™ water-resistant marine housing!

Installation Instructions

Step One:

Determining the general layout and connection option

The lengths of the various cables supplied in your kit determine the relative locations of your ProTech™ water-resistant marine housing, XM® marine antenna, and, if used, the XM® FM Direct Adapter.

First, determine your connection option:

- **Option One (Figure #1): Using the XM® FM Direct Connection Method**

The included XM® FM Direct Adapter sends the XM® signal to your boat's stereo's FM antenna connection. Use this method if your boat's stereo lacks an auxiliary (AUX), input or if accessing this input is otherwise not convenient.

- Follow your XM® radio's instructions to set up transmitting the XM® signal to your boat's FM radio.

- **Option Two (Figure #2): Using the Direct Audio Connection Method**

If your boat's stereo has an auxiliary (AUX) input jack, either on the front or the back of the stereo, we suggest using the supplied 4.9-ft (1.5 m) 3.5-mm-male-to-3.5-mm-male audio cable to connect the audio output from your ProTech™ water-resistant marine housing to your boat's stereo. This method provides the highest fidelity and performance.

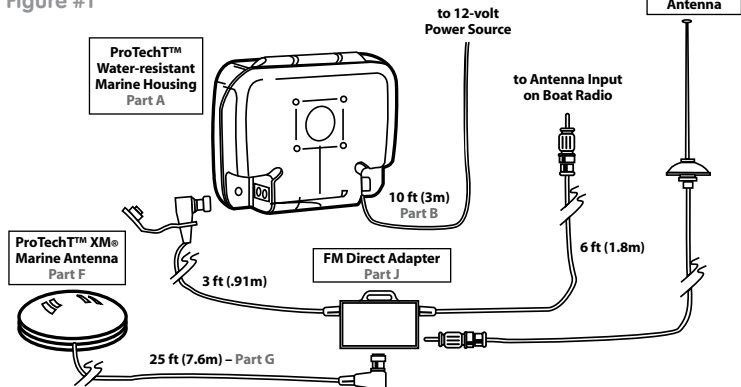
- If a longer cable is required, various lengths of 3.5-mm-female-to-3.5-mm-male stereo extension cables are available from most electronics stores.
- If your boat's radio uses RCA-style AUX jacks, an adapter to connect your 3.5-mm-male-to-3.5-mm-male audio cable to the RCA jacks is available from most electronics stores.

Second, determine your locations and layout.

- Take a few minutes to identify a location for each of the ProTech™ water-resistant marine housing kit's components and make sure that each cable will reach each of its associated components. (See Figure #1 or #2, based on your connection option).

Using the XM® FM Direct Connection Method (Option One)

Figure #1



- Be sure to account for routing the cables around obstructions or hiding the cables.
- If you are using the XM® FM Direct antenna connection system, then the ProTech™ water-resistant marine housing can be no more than 9-ft (2.74 m) from the rear of your boat's stereo. This is the length of the antenna cable from the XM® FM Direct Adapter that connects to your stereo's antenna input.

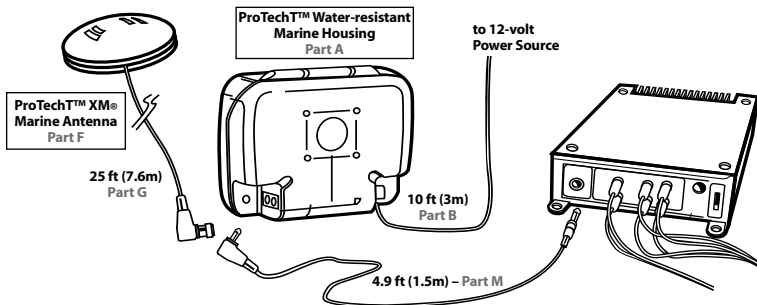
Connection Procedure to XM® Radio

- Connect the cable marked **TO XM RADIO** on the XM® FM Direct Adapter into the XM® Antenna in jack on the ProTech™.
- Connect your boat's FM/AM antenna cable to the input on the XM® FM Direct Adapter labeled **FM ANTENNA**.
- Connect the XM® FM Direct Adapter cable marked **TO FM RADIO** into the boat's FM radio antenna input.

- Connect the XM® Antenna into the jack marked **XM ANTENNA** located on the side of the XM® FM Direct Adapter.
- Your XM® FM Direct Adapter receives power from your XM® Radio Receiver. No additional external power source is required.
- The XM® FM Direct Adapter should be secured to an existing wire harness or other under-console structure. Use the cable tie and the mounting slot in the XM® FM Direct Adapter to secure it. The XM® FM Direct Adapter should be restrained in some way to help prevent it from causing rattles and other noise, or chafing on the wiring harness.

Using the Direct Audio Connection Method (Option Two)

Figure #2



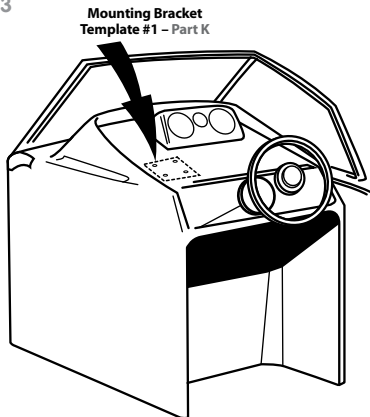
- If you use the included mini-plug-to-mini-plug cable to connect your ProTech™ water-resistant marine housing's audio output directly to your boat's stereo AUX input, instead of the XM® FM Direct connection, the mini-plug-to-mini-plug cable's length of 4.9-ft (1.5 m) determines the distance from your boat's stereo to your ProTech™ water-resistant marine housing unless you are using an optional (not included), extension cable.

Step Two:

Choosing a location for your ProTechT™ water-resistant marine housing

- Using template #1, identify a suitable location that has a smooth, flat area large enough to accommodate the mount and the ProTechT™ water-resistant marine housing. (See Figure #3).

Figure #3



- Ensure that there is nothing behind the surface that will be harmed when you drill the holes for mounting.
- With scissors, cut out template #1.
- Use masking tape to secure the template to the surface where you are going to install the mounting bracket.

Step Three:

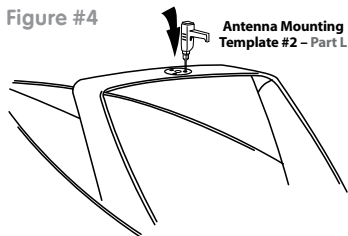
Mounting the XM® marine antenna.

- Determine whether you will flange (surface) mount your XM® marine antenna or pole mount it on a mast.
- Regardless of how you mount your antenna, identify an area for the XM® marine antenna that affords as clear and unobstructed view of the sky as is possible to help ensure the best reception of the satellite's signal. (See Figure #4).

Note: The antenna cannot be mounted further than 25-ft (7.6 m) from the XM® FM Direct Adapter or the ProTechT™ water-resistant marine housing, depending on the connection option chosen (See Step One.) Be sure that the antenna's cable will reach the mounting location of the ProTechT™ or XM® FM Direct Adapter.

- Ensure that there is nothing behind or underneath the surface that will be damaged when you drill the holes to mount the antenna.

Figure #4



To flange mount the antenna

- Use masking tape to secure template #2 to the surface you're mounting the antenna to.
- Use a 9/64" (0.150 cm = #25) drill bit and drill a hole at each of the outer cross hairs on the antenna mounting template.
- Prior to mounting the antenna to either the surface of the boat or pole/mast the user must attach the appropriate adapter (flange or pole-mount adapters) by screwing either adapter to the antenna using the M4 x 0.7 x 10 Philips pan head stainless steel screws.

- Select one of the following wire management methods for the antenna cable:

Method One:

- This requires no hole through the boat for the antenna wire. The wire will be routed on the surface where the antenna mounting flange is located.
- Weave the pig-tail of the XM[®] marine antenna through the center hole of the flange mount adapter then attach the flange mount adapter to the XM[®] marine antenna using the four M4 x 0.7 x 10 Philips pan head stainless steel screws (with blue sealant).
- Route the XM[®] marine antenna cable under the groove in the base of the flange mount adapter (see Figures #5a and #5b). Take caution not to crimp the antenna cable under the flange mount adapter as you tighten down the flange mount adapter. The cable must be in the groove on the bottom of the flange mount adapter.

Figure #5a

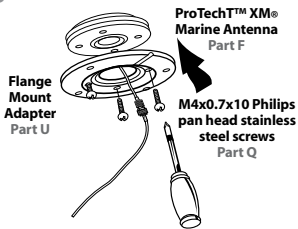
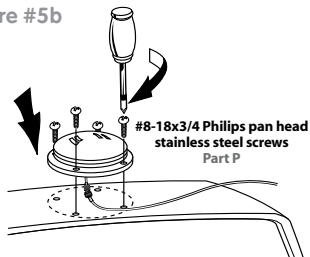


Figure #5b



- Next, locate the black, round, flat foam gasket affixed to the paper backing. Gently peel the gasket from the backing. Place the sticky side toward the antenna wire in the groove in the flange and affix the gasket to the mating channel in the flange. Press the gasket firmly into place.
- If the surface that you choose for your XM[®] marine antenna is wood or fiberglass, use the four supplied #8-18 x 3/4 stainless steel, self-tapping screws for firmly mounting the antenna to the chosen surface.

- To mount the XM® marine antenna to metal, use marine-grade stainless steel machine screws and mating lock washers and nuts, available from your local marina, marine supply, or hardware store.
- Take care to not over-tighten self-tapping screws to prevent stripping the mounting holes.
- Route the antenna wire to the location of your ProTech™ water-resistant marine housing or XM® FM Direct Adapter based on the connection option that you chose in Step One.

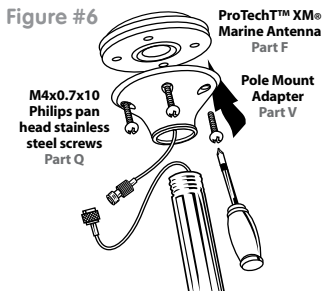
Method Two:

- Weave the pig-tail of the XM® marine antenna through the center hole of the flange mount adapter then attach the flange mount adapter to the XM® marine antenna using the four M4 x 0.7 x 10 Phillips pan head stainless steel screws (with blue sealant).
- If you choose method two, use a ½-inch (1.27 mm), drill bit and drill a hole at the cross hairs in the center of the antenna mounting template for the antenna cable.
- Locate the black, round, flat foam gasket affixed to the paper backing. Gently peel the gasket from the backing. Place the sticky side toward the flange and affix the gasket to the mating channel in the flange. Press the gasket firmly into place.
- Remove template #2 from the antenna mounting location.
- Route the XM® marine antenna cable through a center hole (shown on mounting template #2), and then to the XM® FM Direct Adapter location or the ProTech™ water-resistant marine housing location, depending on your installation (see “Step One”).
- Securely tighten the 25’ (7.62 m) antenna cable to the pigtail leading out of the XM® marine antenna.
- If the surface that you choose for your XM® marine antenna is wood or fiberglass, use the four supplied #8-18 x ¾ stainless steel, self-tapping screws for firmly mounting the antenna to the chosen surface.
- To mount the XM® marine antenna to metal, use marine-grade stainless steel machine screws and mating lock washers and nuts, available from your local marina, marine supply, or hardware store.

- Take care to not over-tighten self-tapping screws to prevent stripping the mounting holes.
- Route the antenna wire to the location of your ProTechT™ water-resistant marine housing or XM® FM Direct Adapter based on the connection option that you chose in Step One.

To pole or mast mounting the antenna:

- Follow the manufacturer's directions for mounting the mast or pole.
- Weave the pig-tail of the XM® marine antenna through the center hole of the threaded pole mount adapter, (see Figure #6) then attach the threaded pole mount adapter to the XM® marine antenna using the four M4 x 0.7 x 10 Philips pan head stainless steel screws (with blue sealant).

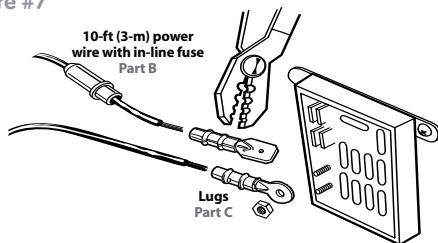


- Before securing the mast to its mounting base, feed the XM® antenna wire through the mast so that the connector that mates with the antenna's pigtail passes out of the top of the mast.
- Connect the antenna's pigtail to the connector on the antenna cable that is at the top of the mast.
- Taking care not to cross the threads, screw the XM® marine antenna firmly to the mast. Don't over-tighten the antenna to the mast.

Step Four: Routing the power wire.

- If you wish to use your XM® Radio receiver with your boat's ignition turned off and/or the ignition key removed, then you must choose an "un-switched" connection point that provides an uninterrupted 12-volt power supply. This will allow you to listen to your XM® Radio when anchored or drifting with the engine turned off.
- Determine a 12-volt power source location, such as the boat's fuse/breaker power distribution panel or other 12-volt connection point, within 10-ft (3-m) of the location that you chose in Step One for your ProTech™ water-resistant marine housing.
- Enclosed are spade, round, and "flag" connectors that will accommodate most types of connections. Choose either of the lugs to fit a flat blade connection or a threaded post connection, whichever is appropriate for your power source.
- With pliers or wire crimpers, tightly crimp the lug to the stripped end of the positive wire (see Figure #7). This is the wire with the fuse holder (Type AGC Fast-Acting 3A 250V glass fuse) molded into the wire. The "+" or positive wire on the power cable also has a white stripe on it.
- Do NOT connect the power wire to the power source at this time.
- Route the other end of the power wire to your ProTech™ water-resistant marine housing location.

Figure #7



Step Five: Mounting the mounting bracket.

- Using a 9/64" (0.150 cm = #25) drill bit, carefully drill one hole at each corner of the template, at the cross hairs (see Figure #8).
- If you prefer that the wires to your ProTech™ water-resistant marine housing are hidden, then using a 1/2" drill, drill another hole where the wires will pass through the surface, adjacent to the mounting bracket's location.
- Remove the template.
- Gather your power wire, antenna wire, or if used, the antenna wire from the XM® FM Direct Adapter, or if used, the audio cable.
- Pass the wires through the 1/2" (1.27 mm) hole.
- We encourage you to seal this hole, once the wires are installed, against water intrusion, using a method of your own choosing.
- Using four #8 (8-18 x 3/4) stainless steel screws, mount the bracket to the chosen surface (see Figure #9).

Figure #8

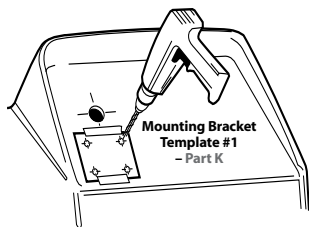
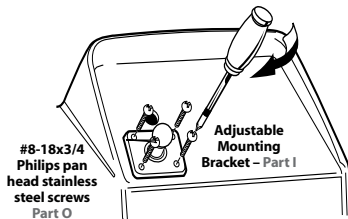


Figure #9



Step Six:

Connecting the XM® FM Direct connection or audio cable to the boat's stereo.

- XM® FM Direct connection (see Figure #10a below and Figure #1 on page 7):
- If you are connecting the XM® FM Direct Adapter to your boat's stereo, look at the back of your boat's stereo and find the thick black FM antenna wire. Unplug this from the stereo and plug it into the XM® FM Direct interface at the jack labeled **FM ANTENNA**.
- Then plug the antenna cable labeled **TO FM RADIO** from the XM® FM Direct Adapter into your stereo at the same location where you just removed the boat's FM antenna.

If you chose to use the 4.9-ft (1.5 m), 3.5 mm-to-3.5 mm audio cable to connect your ProTech™ water-resistant marine housing to your boat's stereo instead of using the XM® FM Direct Adapter (see Figure #2 on page 8), connect the free end of the audio cable to the mini-jack on your boat's stereo (see Figure #10b). (When so equipped, this mini-jack may be on the front of the boat's stereo or on the back, depending on the age and manufacturer of the stereo.)

Figure #10a

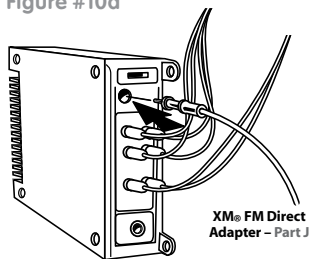
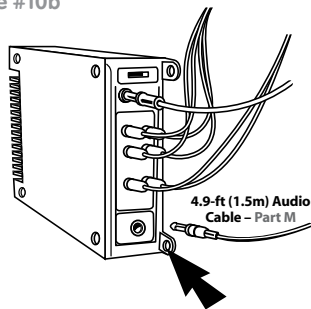


Figure #10b

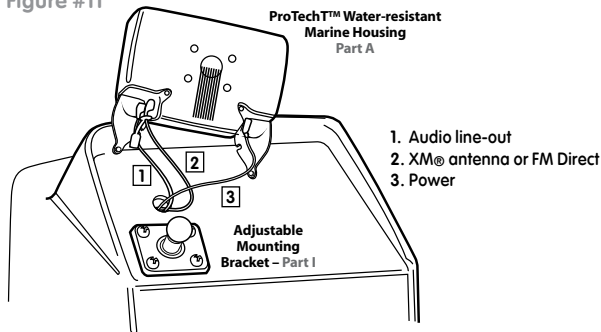


Step Seven:

Attaching the wires to the ProTech™ water-resistant marine housing.

- Open the rubber covers on the bottom corners of the ProTech™ water-resistant marine housing by gently lifting the small gray rubber tabs on the back of the ProTech™ water-resistant marine housing, exposing the connection points for the wires (see Figure #11.)

Figure #11



- Attach the black power wire (the wire with the in-line fuse holder), to the connector on the right, when viewed from the back. Press the power wire firmly into place.
- Press the wire into the channel in the rubber cover.
- If using the XM® FM Direct connection, attach the XM® FM Direct antenna cable; otherwise connect the antenna wire from the XM® marine antenna to the antenna connection on the left side, when viewed from the back. Press the chosen wire firmly into place.
- Press the wire into the channel in the rubber cover.

- If using the mini-plug-to-mini-plug audio connection instead of the XM® FM Direct connection, plug in the mini-plug, firmly, all the way into the jack on the left side, when viewed from the back, and route the wire through the channel on the left side rubber cover.
- Close rubber covers and **securely** press the tabs back into the holes.
- **If you are not using the mini-plug-to-mini-plug audio connection, you must insert the rubber plug into the audio jack on the ProTech™ water-resistant marine housing. Failure to install this plug when the audio output jack on the ProTech™ water-resistant marine housing is not used will allow water to intrude into the ProTech™ (see Figures #12a and #12b).**

Figure #12a

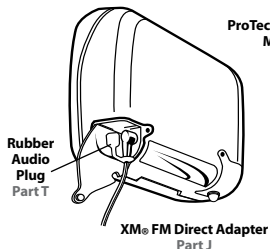
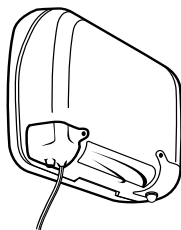


Figure #12b



Step Eight:

Mounting the ProTech™ water-resistant marine housing to the bracket.

- Attach the mounting bracket plate to the back of the ProTech™ water-resistant marine housing using the M4x10 Philips head stainless steel screws (see Figures #13 and #14).

Figure #13

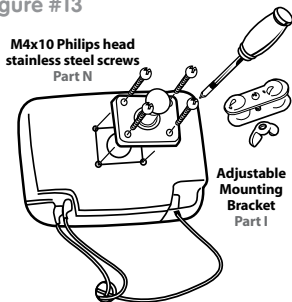
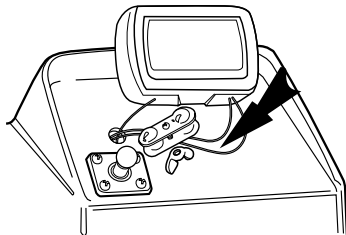


Figure #14

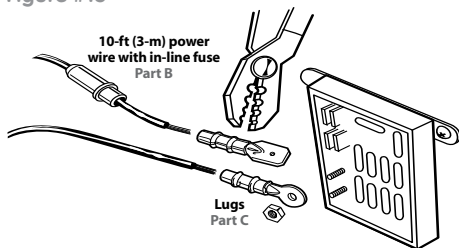


- Place the mounting arm into the bracket on the back of the ProTech™ water-resistant marine housing.
- Place the other end of the mounting arm into the mounting bracket on the boat.
- Adjust the angle of the ProTech™ water-resistant marine housing by loosening the bracket knobs, moving the ProTech™ water-resistant marine housing to the desired angle, then tightening the knobs securely.

Step Nine: Connecting the power wire to the power source.

- If you use pliers or a metal tool to make the 12-volt connection, take caution not to touch any other electrical connections or other adjacent metal with the tool.
- You are strongly encouraged to disconnect your battery when you are making these electrical connections.
- Attach the power wire connector to your chosen power source (see Figure #15). This is the wire with the fuse holder molded into it and the white stripe.
- Determine an appropriate grounding point for the other wire in the power wire pair of wires. (The ground wire has no in-line fuse holder molded into it and no white stripe.)

Figure #15



- If your chosen grounding point is not next to your chosen power source, you can peel apart the positive and ground wires to the needed distance.
- If your grounding point will accommodate either of the crimp-on lugs, crimp the lug to the ground wire at this time.
- Attach the ground wire to the grounding point.

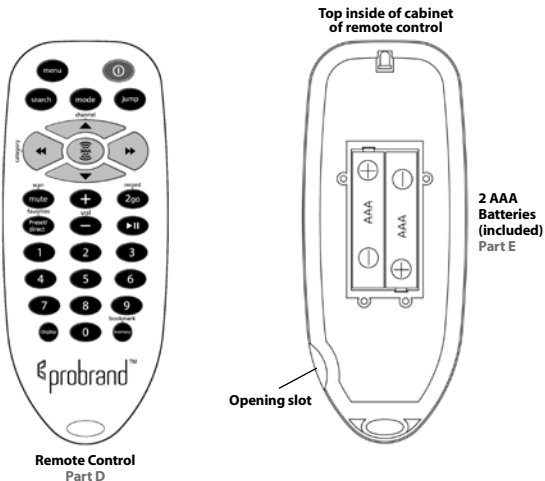
- If you need a replacement fuse, purchase: Type AGC Fast-Acting 3A 250V glass fuse.
- Auto-Off or Delayed Power Off: To prevent unintentionally draining your boat's battery, your XM® Radio receiver is equipped with an "Auto-Off" or "Delayed Power Off" function, depending on which XM® Radio receiver you have. This function is accessible through your radio's menu. (See your radio owner's guide). You can set your radio to automatically shut off after a pre-set amount of time after it's turned on. This feature should be used if your boat continues to supply power to your XM® Radio receiver after you shut down your engine or remove your key from the boat's ignition. That way, if you leave the radio on, it will shut down automatically after the time period that you selected if you are not there to turn off the radio and will not drain your battery. **Note:** The Pioneer Inno or Samsung Helix radios will continue to charge their internal battery the entire time that they are in the ProTech™ water-resistant marine housing. If you are storing your boat for an extended period, you are encouraged to remove the Inno or Helix from the ProTech™ water-resistant marine housing, unless you have disconnected the boat's battery.

Step Ten:

Inserting the two included AAA batteries into the remote control.

- Using a dime, slip the edge of the coin into the slot on the bottom left side of the remote control, (viewed from the back), and twist it firmly to open the battery cover.
- Insert the two supplied AAA batteries. Be sure to match the polarity markings on the batteries with those in the battery well (see Figure #16).

Figure #16



Remote Control

menu button - access radio menu

search button - search by scanning presets or by scanning all channels

XM® button - select channel or menu option, push and hold to add artist/song to your Tune Select list

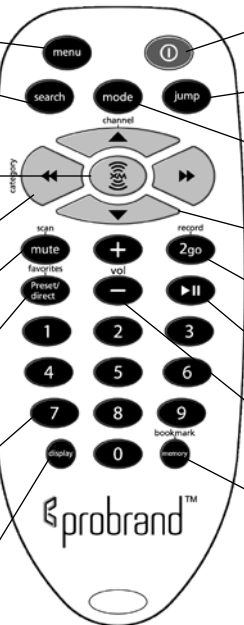
category/arrow buttons - view channel categories ("LIVE"), skip to previous or next song ("MY XM®")

scan/mute button - mute live XM®

favorites/preset/direct button - switch between direct channel entry or up to 30 presets

number keys - enter a channel directly or select your favorite presets

display button - change the appearance of the display, including access to different modes that stock quotes and info Extras such as sports scores



power button - power on/off XM® radio

jump button - switch to previous channels

mode button - switch between "LIVE" XM® and "MY XM®" Time shifting Memory Mode

channel buttons - preview channels ("LIVE"), preview songs ("MY XM®")

2go/record button - record a song or channel

pause button - pause "MY XM®" playback

volume buttons - raise or lower volume only when headphones are plugged in

bookmark/memory button - save / recall song information such as artist and song title

Step Eleven:

Insert your XM® Radio receiver into the ProTech™ water-resistant marine housing.

- Press the latch on the bottom of the ProTech™ water-resistant marine housing to release the front door.
- Place your XM® Radio receiver into the cradle so that it mates firmly with the connector at the bottom of the ProTech™ water-resistant marine housing (see Figure #17).
- If you're using a Delphi Rody XT XM® Radio receiver, install the included adapter first (see Figure #18).
- If you're using a Pioneer Inno or Samsung Helix XM2go® radio receiver, you will need to insert an XM2go® Sound System Adapter (sold separately, see www.xmradio.com) inside the ProTech™ water-resistant marine housing cradle. **Note:** The Inno or Helix will continue to charge their internal battery the entire time that they are in the ProTech™ dock. If you are storing the boat for a long period you will want to remove the Inno and Helix from the dock.
- The included rubber spacers are each labeled with a corresponding radio name. After inserting your radio, choose the spacer that matches your radio and insert the spacer into the bracket at the top and back inside of the ProTech™ water-resistant marine housing.
- Close the ProTech™ water-resistant marine housing's door.

Figure #17

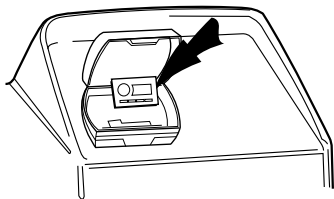
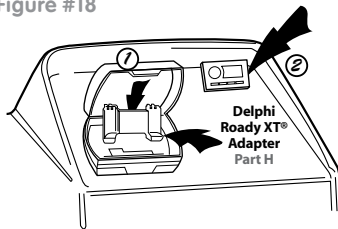


Figure #18



- Using the remote control, point it directly at the clear window on the front of the ProTech™ water-resistant marine housing. Use the power button on the remote control to turn your XM® Radio receiver on and then adjust it as necessary.
- Make sure that your XM® Radio receiver is activated. If you need to activate your XM® Radio receiver, go to www.xmradio.com and click on the link "Activate Radio".
- Turn on your boat's stereo.
- If you used the XM® FM Direct connection, tune the boat's stereo to the FM frequency that you chose according to your XM® Radio receiver's owner's guide and adjust the boat's stereo volume control as needed.
- If you connected your ProTech™ water-resistant marine housing audio output to your boat's stereo's AUX input with the 3.5-mm-to-3.5-mm audio cable, then select the AUX input on your boat's stereo and adjust the boat's stereo volume control as needed.

Removing your radio:

- Remove the rubber spacer from above your radio (see Figure #19).
- Gently but firmly pull upward on your radio to disengage it from the connecting cradle at the bottom.
- Once your radio is removed, insert the rubber spacer onto the connector in the cradle for storage and protection (see Figure #20). If using an Inno or Helix, use the rubber spacer to cover the connector of the XM2go® sound system adapter.

Figure #19

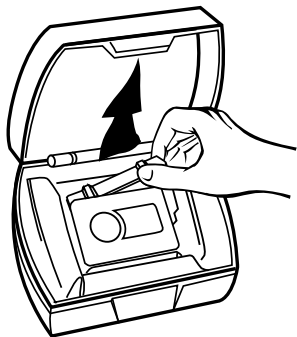
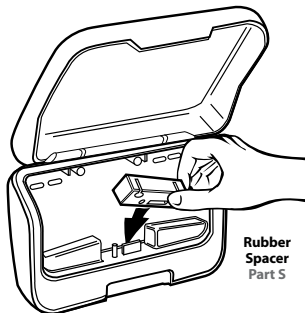


Figure #20

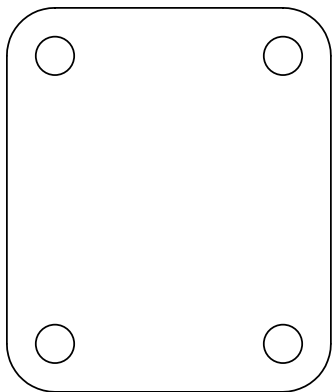


Step Twelve: Enjoy!

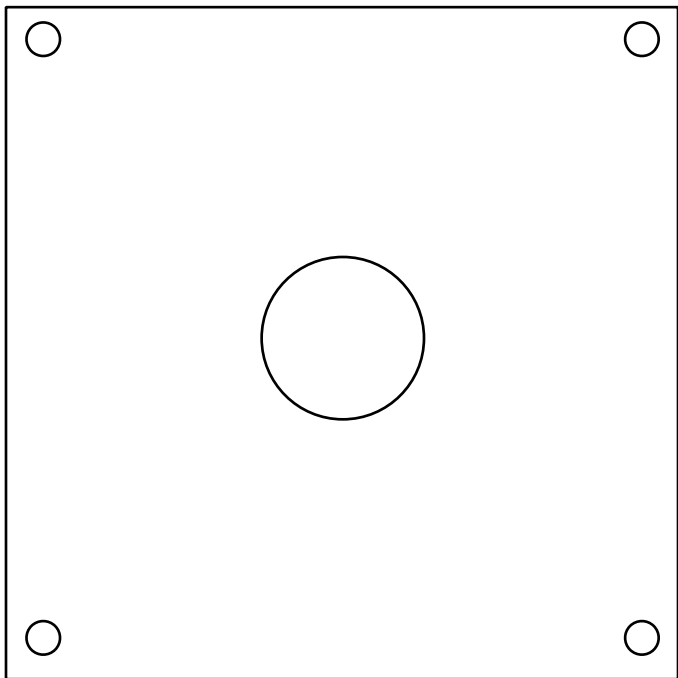
Paper Drilling Templates:
Using the Mounting Bracket and Antenna Mounting templates.

- Place the template on the surface. Use masking tape to hold the template in place while drilling. Drill through the indicated holes.

Mounting Bracket Template #1 (Part K)



Antenna Mounting Template #2 (Part L)



ProTech™ Water-resistant Marine Housing Kit Limited Warranty

This product is guaranteed by Pro Brand International, Inc. to be free from defects in material and workmanship under normal use and service. The warranty period for this product is 12 months from the date of purchase by the original purchaser. This warranty shall be void upon transfer of ownership of this product. Pro Brand International, Inc. (PBI) agrees to repair or replace this unit, at our option and at no charge, within the warranty period, providing that the product is delivered to Pro Brand International in its original package or equivalent, fully insured, with all shipping charges prepaid and a return authorization number (RA) listed on the outside of the packaging. The repaired or replacement unit shall be warranted for a period equal to the balance of the defective unit's warranty period. A handling charge of \$35 will be applied to any returned product found not to be defective. To honor this warranty and to ensure the best service to our customer Pro Brand International requires the following information to be included with the returned unit:

1. Model Name, Number, and Serial Number of the unit.
2. A copy of the original Sales invoice from your vendor.
3. A detailed description of the problem, electrical connection and associated hardware.
4. A PBI Return Authorization (RA) number obtained by calling PBI Customer Service at (770) 423-7072 prior to returning the unit.

This warranty shall not apply to any product which has been repaired or altered in any way so as, in our judgment, to affect its functionality and durability, nor to any product subject to abuse, misuse, negligence or accident, improper maintenance, improper installation, not to any product used with other parts, components and/or accessories with quality and/or specifications incompatible with this product. This warranty does not cover products that have been impaired by severe weather conditions and other occurrences considered Acts of God over which Pro Brand International has no control. This warranty shall also be void if any required periodic maintenance, if applicable, has not been properly performed on this product. This warranty and remedies presented above are exclusive and in lieu of all other expressed or implied warranties. No other representations or claims shall be binding on or obligate Pro Brand International in any way. Any warranty applicable to this product is limited to the period described above. In no event will Pro Brand International be liable for any special, incidental, or consequential damages, loss of revenue, or cost of replacement goods, resulting from the use or malfunction of this product to the equipment system on which it is used. This warranty gives specific legal rights and you may have other rights that vary from state to state.



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