



## Cockpit Intercom System

\$1,699.00



Throat Mics  
Create a  
Revolution!

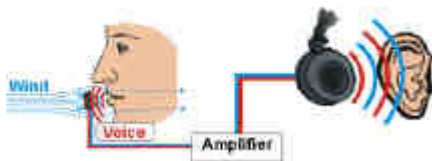
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## What's the advantage of a throat mic you ask?

### Boom Mics

First you must understand the boom mic picks up its voice signal from the air around it. That same air is saturated with background noises like wind, engine noise, and clothing flutter. Even the best of the boom mic systems use a free air mic and "noise canceling" technology to try and filter out background noise. Two tiny microphones pick up sound from in front of the boom (away from the wearer) and behind the boom (the side you talk into). Peel the foam cover from a typical boom mic and you'll likely find a microphone hole on both the front and rear of the boom assembly. When the system hears the same noise in both the front and the rear mic, it assumes this is background noise and it's filtered out. The system literally subtracts the noise heard in both the front and rear pickups and amplifies only the remaining signal, which it assumes is your voice.



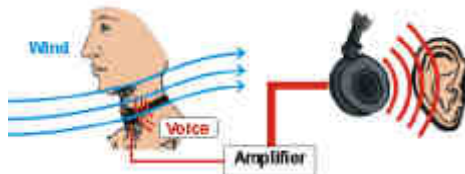
This strategy works pretty well in a closed cockpit with no wind, but in an open boat with wind whistling past the microphone pickup the filtering system is ineffective.

Imagine covering one ear and then turning your other ear directly into the wind and then directly away. The sound you hear in each direction is totally different. Because the system hears the whistling wind from both front and rear mics, yet the sound from each mic is different, the filter doesn't recognize it as background noise. The system treats the wind noise as if it were your voice and amplifies it rather than filtering it out. The faster you go, the louder the wind is and the more it is amplified.

### Throat Mics

The advantage of a throat mic is that rather than a microphone, it's a vibration sensor mounted inside a small puck that's elastic banded around your neck. The sensor picks up vocal chord vibrations through contact with your throat. Because the throat mic doesn't use air as the carrier for the voice, it's unaffected by wind or external noises. This allows the intercom to simply amplify everything it hears and transmit it to the headsets or ear plugs.

A common question is "Does your voice sound the same when using a throat mic?" The answer is yes! Another notable fact: the throat mics are so effective at blocking



out background noise that it prompted the development of a new engine alert system that sends an audible alarm through the intercom system if any of the engine sensors are triggered. We call this Merk-alert and all of Revolution Marine's 4 person systems come equipped to plug into the Merk-alert engine alert module.

### Take a look at our complete 2 and 4 person systems

Teamed up with one of the nations leading marine & racing intercom builders, Revolution Marine brings you complete high quality, ready to install, and best of all, affordable cockpit intercom systems.

We've taken the trouble out of purchasing a marine intercom by packaging the popular features into ready to install kits. No longer do you have to agonize over which options and part numbers to order, or be surprised by the price when you add it all together. Just select the kit that fits your needs and place your order. A complete, tested, and ready to install system shows up at your door!

#### Installation:

With Revolution Marine's cockpit intercoms installation is a breeze with no soldering required. The only electrical connections, outside of plugging the foolproof connectors together, are the power and ground wires and should you choose to connect the system to your stereo, the speaker wires.

Prefer to have the system installed? Contact one of our dealers and not only can they install your system, you will get the same great value on the intercom kit as you would purchasing directly from our website.

#### Features:

Now you might think an affordable kit means stripped down, bare bones, and no frills. Well, take a look at the features that come standard on our cockpit intercom systems:

- ✓ Flush mountable control head equipped to handle 6 intercom stations
- ✓ Durable cabling harness set up for 2 or 4 stations (All 4 station harnesses are equipped with an add on plug to expand to 6 stations)
- ✓ Black or White powder coated control head face plate and flush mount headset receptacles
- ✓ Standard inputs for stereo (4 station systems)
- ✓ Standard marine radio external speaker connector allows driver and passengers to listen to marine radio conversation through their headsets
- ✓ Military style Nexus connectors to prevent static and noise
- ✓ 2 or 4 aviation quality black head sets with boom or throat mics
- ✓ Merk-alert ready (Accepts signal from single or multi-engine module to alert crew of any malfunction which triggers the standard engine warning system)
- ✓ Heavy duty embroidered bags included with each headset to store and protect them when not in use
- ✓ Simple connection involving only a 12 volt power, ground, stereo speaker ground, speaker right and left, and marine radio external speaker jack

Revolution Marine can modify your existing marine radio or supply a new Standard Horizon radio that accepts audio input from your intercom system. Just push the supplied PTT (Push to talk) button and your conversation is broadcast over your marine radio. Gone are the days of ducking under the windshield and fumbling with hanging microphones.

We hope you will take the time to shop around and compare. We feel we have designed a system with all the right stuff to make your performance boating safer and more enjoyable.

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