

PRODUCT MANUAL

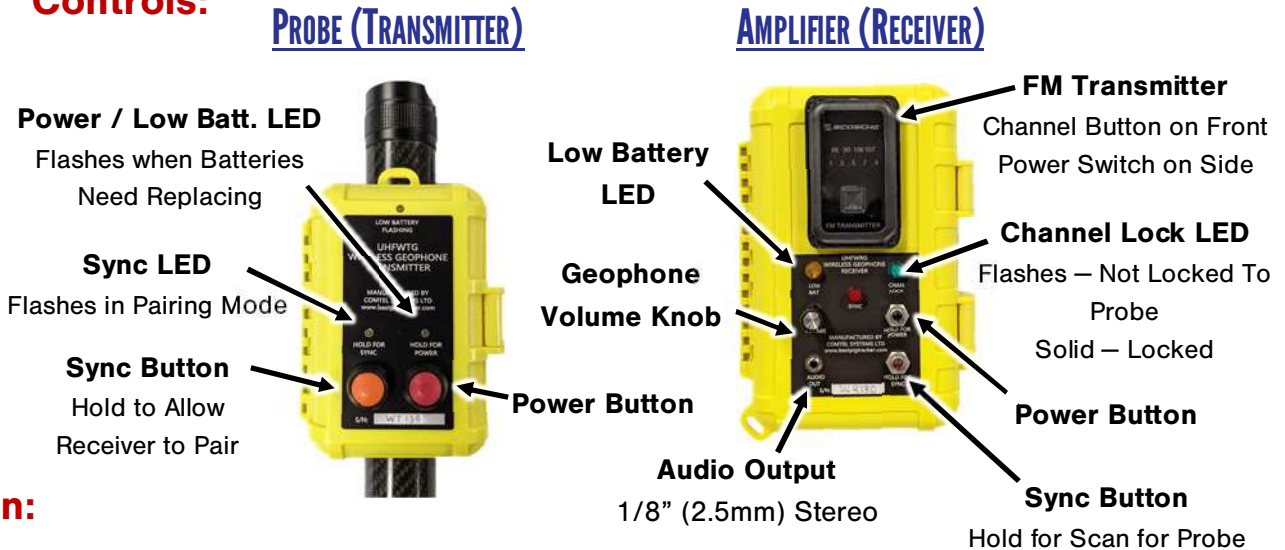
(Hardware Rev. B)

WIRELESS GEOAMP XT



The Wireless Geoamp XT is small and tuned for geophone pig tracking. With excellent wireless range, it contains the same technology as our RX-101 Receiver's built in amplifier and the wired Geoamp XT.

Controls:



Operation:

Install batteries or replace if low.

- Open the amplifier (or receiver) case by unhooking the latches to expose the battery holder inside.
- Unscrew the cap with on the top of the probe (or transmitter) to insert batteries. Note the correct polarity (+ end down first for all 3 batteries).
- Install 3 C Cell Alkaline batteries in both the probe and amplifier. Never mix old and new batteries, as this can cause batteries to leak and cause damage.

Connect a geophone and output (headphones or other device).

- Connect headphones to the Ear Out jack, or use a 2.5 mm 1.8" cable to connect the output of the geophone amplifier to an audio input in a vehicle, or other device.
- You may also use the built in FM transmitter to receive audio over FM.
 - Turn the FM transmitter on and off using its power switch on its side.
 - To change the FM frequency, press the button on the front of the FM transmitter when the receiver and FM transmitter are turned on.

Turn on and pair the probe and amplifier (if not automatically synced).

- Turn on both units within a few feet (meters) of each other.
 - Probe: Press and hold the red button on the front for three seconds.



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- Amplifier: Hold the power button for three seconds.
- Low battery lights may flash briefly as the units power up. This is normal.
- If the batteries are low, the Low Battery lights will continue to flash. If the batteries are completely discharged, the units may not turn on.
- If paired already, receiver Chan Lock light will stay lit solid.
- If not paired, the receiver Chan Lock light will blink.
- To pair (if needed), press and hold the sync button on the probe (transmitter) and then the amplifier (receiver).
 - The Sync light will flash on both units.
 - If the receiver locates the transmitter, its Chan Lock light will blink.
 - Wait for the transmitter to automatically exit sync mode after a time.
 - If the sync was successful, the Chan Lock light will be solid on the receiver.
 - If the Chan Lock is blinking, pairing was unsuccessful, repeat the procedure.
- After being paired once, the transmitter and receiver should store their pair settings for future power up.

Adjust gain (volume) as needed.

- Use the knob to adjust the output of the geophone amplifier.
- Adjusting the gain so that the background noise is just audible gives good results.

Tracking with the Wireless Geoamp XT:

Geophone Spike or Tripod Use

- For soft ground, thread the spike onto the end of the probe and push the probe into the ground.
- For hard ground, ice, or rock, unfold and thread the tripod onto the end of the probe.

For more helpful tracking information, please see our website.

Troubleshooting:

No audio?

- Check power LEDs, batteries, cables, connections and volume knob setting.
- Check a channel LED is lit on the probe, and the Channel Lock LED is solid on the amplifier.
- Check the audio cable is a stereo cable. Mono cables can short the output.