



READ THIS FIRST

# The Mini Thumper

Owner's Guide & Setup Instructions

Thanks for picking up a Mini Thumper! This guide takes about five minutes to read, and it will save you time (and trouble) on the water.

Inside, you'll learn how to power up your unit the right way, how to use the dials, where to place it on your boat, how to use it to call in more fish -- and if you have a Mini Thumper Pro, how to control it from your phone.

**Please read this whole guide before you head out. A few minutes now can prevent damage to your unit later.**

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### ⚠ SAFETY FIRST -- PLEASE READ

- **Only use the power cables that came in the box.** Other cables can damage your Mini Thumper.
- **Wire it the right way.** Red wire = positive (+). Black wire = negative (-). Wiring it backward can destroy the electronics inside.
- **Don't make your own power cables.** Use the ones provided.
- **Unplug the battery completely before charging it.** Never charge it while it's still connected to the Mini Thumper.
- **Water resistant, not waterproof.** Splashes are fine. Do not dunk your Mini Thumper in water.



## 1 Power Up Your Mini Thumper

Your Mini Thumper runs on 12 volts of power. You can power it two ways. Pick **one** method below -- you only need one at a time.

### ■ Option A: Battery Power

- Use a rechargeable 12-volt battery with at least 5 amp-hours of power. (Battery and charger are sold separately.)
- Your battery needs 3/16 inch spade connectors. These are common on batteries used for home alarms, backup power systems, and electric scooters.
- Connect the **red** wire to the **positive (+)** terminal and the **black** wire to the **negative (-)** terminal.

### ⚡ Option B: Boat Power Plug

- Plug the included accessory plug (it looks like a car cigarette lighter plug) into your boat's power outlet.
- Connect the other end to the Mini Thumper using the quick-connect cable. It only fits one way, so you can't plug it in wrong.
- Tuck the cable into the notch at the top corner of the case. This keeps water and dust out.

⚠ **WARNING:** Wiring the battery backward will destroy the electronics inside your Mini Thumper. Always double-check red goes to positive (+) and black goes to negative (-).

**TIP:** Open the top of the case and remove whichever cable you are *not* using. A loose cable can get in the way of the thumping mechanism.

## 2 Learn the Two Dials

Both dials are very sensitive. Turn them slowly for the best results.

### Top Dial -- Power, Speed & Sleep

- Turn it slowly clockwise until you hear a **click**. That turns your Mini Thumper on.
- Keep turning clockwise to speed up the thumps, up to about 2 thumps per second.
- Turn too far and the unit goes to "sleep" to protect itself. Just turn the dial back a little to wake it up.

### Bottom Dial -- Volume

- Turn clockwise to make the thumps louder.
- Turn all the way counter-clockwise to mute it. It's still running, just silent.

**QUICK START:** Set both dials to the middle of their range first. Then slowly adjust the top dial for speed and the bottom dial for volume. Watch the bright green LED -- it shows your current speed and volume.



### 3 Find the Best Spot on Your Boat

- Place the Mini Thumper somewhere it can "thump" firmly against the boat hull.
- Try sliding a piece of wood underneath it, or test a few different spots to see which one sounds the loudest through the hull.
- A little extra weight inside the case helps transfer the vibration. If you're using the sealed battery for power, you already have enough weight -- no need to add more.

**PRO TIP:** Want a different sound? Place the rubber pad (included) between the Mini Thumper and the deck. This lets the internal solenoid tap directly on the rubber, sending even more energy into the hull. Try a few spots to find your best-sounding thump.

### 4 Call In the Fish

- **Deep water:** Use a louder, more intense thump.
- **Shallow water:** Use a softer, gentler thump so you don't spook the fish.
- Found a rate that's working? Stay on that setting -- don't keep changing it.
- The Mini Thumper works best when fish are within about 200 feet.
- No bites after 15 minutes? Try moving to a new spot.
- Pair it with your fish finder. Set the Mini Thumper, then watch your screen for fish moving in. Adjust your bait depth to sit just above where you see them.

**MORE HELP:** Watch setup videos and see the Mini Thumper in action at [minithumper.com](http://minithumper.com) -- look for the "Mini Thumper in Action" link.



## 5 Remote Control Guide

**PRO MODEL ONLY**

The Mini Thumper Pro comes with a 4-button remote keyfob. The buttons are labeled **A**, **B**, **C**, and **D**.

When you first turn on your Mini Thumper Pro, it starts in **Manual Mode**. In this mode, the two front dials work just like the standard Mini Thumper.

As soon as you press **any** button on the remote, the unit switches to **Remote Mode**. Once in Remote Mode, the front dials are ignored -- only the remote controls it.

### Simple Controls (press one button)

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>A</b> -- Slows down the thumps | <b>B</b> -- Speeds up the thumps |
| <b>C</b> -- Turns volume down     | <b>D</b> -- Turns volume up      |

**NOTE:** It may take a couple of thumps for the Mini Thumper to catch up with a button press. The unit only checks for new remote commands in between thumps -- that's normal.

### Combo Controls (press two buttons at the same time)

- **A + B** -- Returns to Manual Mode. The front dials work again.
- **C + D** -- Mute. Silences the thumps completely (the unit is still running). Press D to bring the volume back up.
- **B + D** -- Prospecting Mode. Automatically cycles through 4 different speeds over 20 minutes to help you find what the fish want.
- **B + C** -- Scatter and Regroup Mode. Mimics baitfish scattering after a predator strike, then regrouping.
- **A + C** -- Predator Mode. Mimics the chaos of fish feeding -- speeding up, then slowing back down.
- **A + D** -- Heartbeat Mode. Mimics a steady heartbeat pattern.

**TIP:** While in any special mode (Prospecting, Scatter and Regroup, Predator, or Heartbeat), press **A** by itself to exit back to Remote Mode.



*Your remote may be black or bronze*



## 6 Remote Quick Reference

**PRO MODEL ONLY**

Keep this page handy on the water. It's a fast summary of every remote mode.

| Starting Mode    | Press             | What Happens                                     | To Exit                 |
|------------------|-------------------|--------------------------------------------------|-------------------------|
| Manual Mode      | <b>Any button</b> | Switches to Remote Mode                          | --                      |
| Remote Mode      | <b>A</b>          | Slows the thump rate                             | Release button          |
| Remote Mode      | <b>B</b>          | Speeds up the thump rate                         | Release button          |
| Remote Mode      | <b>C</b>          | Lowers the volume                                | Release button          |
| Remote Mode      | <b>D</b>          | Raises the volume                                | Release button          |
| Remote Mode      | <b>A + B</b>      | Returns to Manual Mode                           | Press any button        |
| Remote Mode      | <b>C + D</b>      | Mute -- volume drops to minimum                  | Press D to raise volume |
| Remote Mode      | <b>B + D</b>      | Prospecting Mode -- 4 speed patterns over 20 min | Press A                 |
| Remote Mode      | <b>B + C</b>      | Scatter and Regroup Mode                         | Press A                 |
| Remote Mode      | <b>A + C</b>      | Predator Mode                                    | Press A                 |
| Remote Mode      | <b>A + D</b>      | Heartbeat Mode                                   | Press A                 |
| Any special mode | <b>A</b>          | Exits back to Remote Mode                        | --                      |

[www.minithumper.com](http://www.minithumper.com)

**Thanks for choosing Mini Thumper -- Tight Lines!**



## 7 Connect the Web App

PRO MODEL ONLY

Your Mini Thumper Pro also has a free web app you can control from your phone -- everything the remote does, plus the ability to record and save your own custom rhythms. No app store, no download.

Your Mini Thumper Pro creates its own private WiFi signal that your phone connects to directly. It does **not** use the internet, and you don't need internet or cell service on your phone for this to work -- even out in the middle of the lake.

### Connecting your phone

- 1 Make sure your Mini Thumper Pro is powered on.
- 2 On your phone, open **Settings** and find **WiFi**.
- 3 Look for a network named **Mini Thumper Pro** in the list and tap it. When asked for a password, enter: **thumperpro**
- 4 Your phone may warn you that this WiFi network has "No Internet Connection" or "Weak Security." Both are expected -- tap to stay connected anyway. (See the iPhone/Android box below for exactly what this looks like.)
- 5 Open your phone's web browser and type this address into the bar at the top: **192.168.4.1** -- or scan this code:



- 6 The Mini Thumper Pro control screen will load, ready to use.

#### 📱 On iPhone

- Use the **Safari** browser for step 5.
- iPhone may show "No Internet Connection, would you like to join?" and/or a "Weak Security" notice -- tap **Join** or **Continue**.

#### 🤖 On Android

- Use the **Chrome** browser for step 5.
- Android may ask "This network has no internet, stay connected?" -- tap **Yes** or **Connect Anyway**.

**TIP:** Save the page to your home screen so it's one tap away next time. **iPhone:** tap the Share icon, then "Add to Home Screen." **Android:** tap the ⋮ menu, then "Add to Home screen."

**NOTE:** Like any WiFi device, you'll need to be reasonably close to your Mini Thumper Pro for a reliable connection -- generally within the same boat.



## 8 Using the Web App

PRO MODEL ONLY

The web app's buttons work exactly like the remote -- if you know one, you already know the other.

### The four main buttons

Labeled **A (Slower)**, **B (Faster)**, **C (Quieter)**, and **D (Louder)**. Press and hold, same as the physical remote's buttons -- the longer you hold, the more it adjusts. Let go when you're happy with the setting.

### The six mode buttons

Below the four main buttons you'll find six larger buttons, one for each special mode: **Manual Mode**, **Mute**, **Prospecting**, **Scatter & Regroup**, **Predator**, and **Heartbeat**. These match the remote's two-button combos exactly (for example, the "Predator" button on the app does the same thing as pressing A+C together on the remote) -- just tap once, no need to hold two buttons down.

**TIP:** To exit any mode and return to normal control, tap the **A** button -- exactly the same as on the physical remote.

### Using the app and the remote together

You can use the phone app and the physical remote at the same time, even by two different people. They both control the same Mini Thumper Pro and don't interfere with each other.

**NOTE:** If the app seems unresponsive, check that your phone is still connected to the "Mini Thumper Pro" WiFi network -- phones sometimes switch back to your regular WiFi or cell data automatically when there's no internet on a network.



## 9 Record a Custom Pattern

PRO MODEL ONLY -- WEB APP ONLY

Beyond the six built-in modes, the web app lets you tap out your **own** thumping rhythm, save it with a name, and play it back anytime -- great for whatever cadence you've found works on your favorite spot.

### Recording a new pattern

- 1 Scroll down on the web app to the **Custom Pattern** section.
- 2 Tap **Record a new pattern**.
- 3 Tap the pad below it in the rhythm you want -- press down for a "thump," let go for a pause, just like tapping out a beat. You can record up to 32 taps.
- 4 When you're happy with it, tap **Stop & Save** and give your pattern a name, like "Steady Slow" or "Tuesday's Spot."

**TIP:** Not happy with a recording? Tap **Cancel** instead of Stop & Save, and start over.

### Playing back a saved pattern

Every pattern you've saved appears in a list below the recording pad, each with its own **Play** and **Delete** buttons. Tap **Play** and your Mini Thumper Pro will repeat that rhythm on a loop.

To stop playback and return to normal control, tap the **A** button -- same as exiting any other mode.

**NOTE:** Saved patterns are permanent -- they're stored on the Mini Thumper Pro itself, not on your phone. They'll still be there even after you unplug the unit, restart your phone, or connect from a completely different phone later.

### Deleting a pattern

Tap **Delete** next to any saved pattern's name to remove it. This can't be undone, so double-check before confirming.

[www.minithumper.com](http://www.minithumper.com)

Thanks for choosing Mini Thumper -- Tight Lines!