Wireless Pairing

Pair a **SmallHD TX Monitor or** [Teradek TX Transmitter](#) to a **SmallHD RX Monitor** or [Teradek RX Receiver](#) following the steps below.
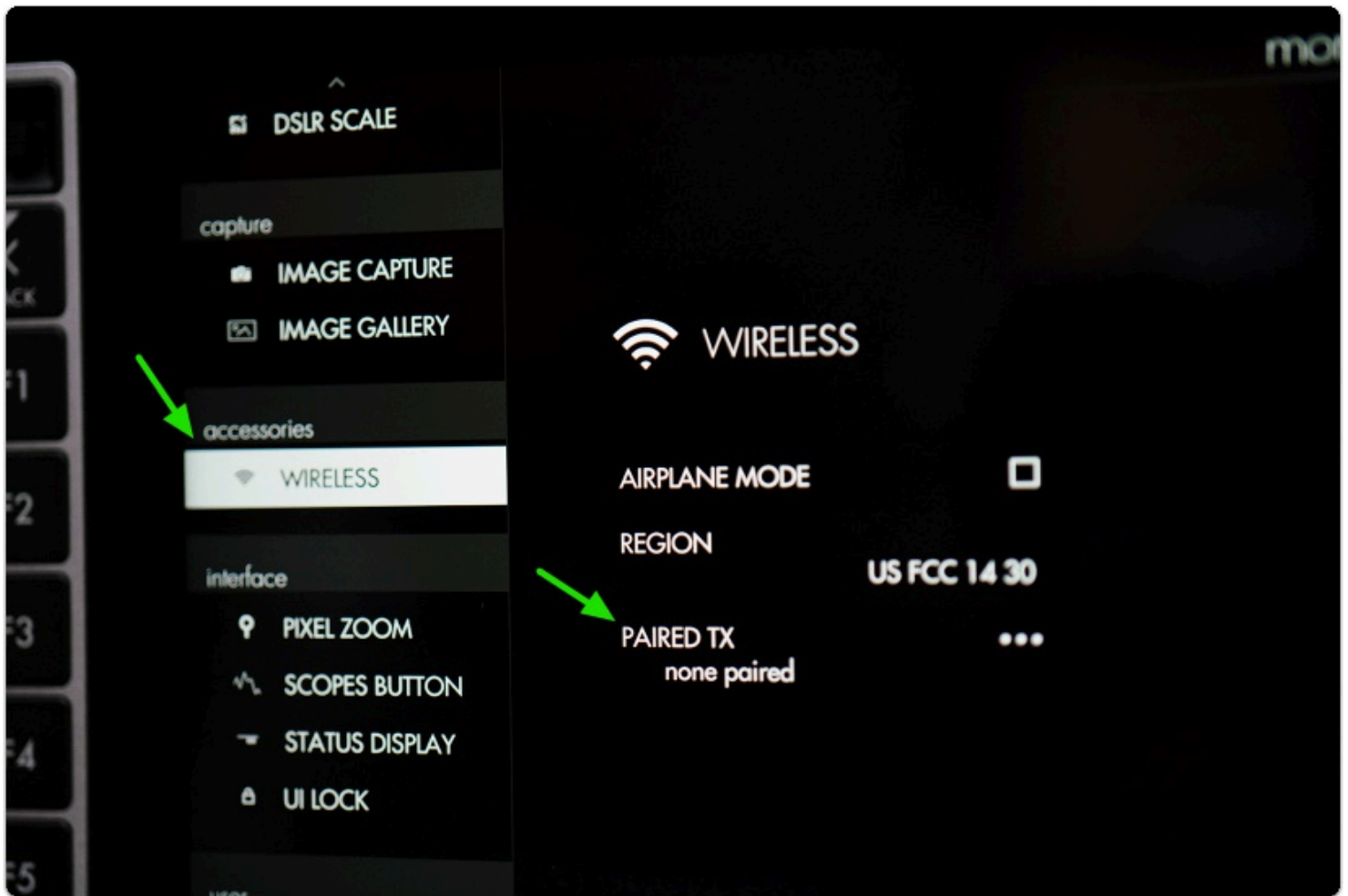

Enabling Pairing mode on the SmallHD Monitor(s)

Power on your SmallHD and **navigate left** to access the **Settings Menu**.

Scroll down & click on **INPUT** options underneath **INPUT/OUTPUT** & ensure the input is set to **WIRELESS**.

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Navigate downward to find the **WIRELESS** option under the **ACCESSORIES** category.

Click the joystick and select **PAIRED TX/RX** to enter pairing mode which will wait for a wireless signal from a [compatible transmitter](TX) or Receiver (RX). Do this on both the TX and RX if you are pairing two SmallHD monitors.

> 💡 If a transmitter is already paired and you wish to unpair it, **select** where it says **'PAIRED TX/RX'** and then click the option to **'UNPAIR'**.

Pairing to a Teradek Device

First ensure your Teradek device is connected to **DC power** & a video source/destination via **HDMI** or **SDI**.

Power on the Teradek via the **switch** opposite the inputs:

Using a **paperclip** (or similar precision instrument) press the **Reset** button on the transmitter until the **blue cloud LED** begins to **blink quickly**:
*We recommend using BoltManager software on a computer for the pairing process. You will need a Micro USB cable. and simply hit the pair button.
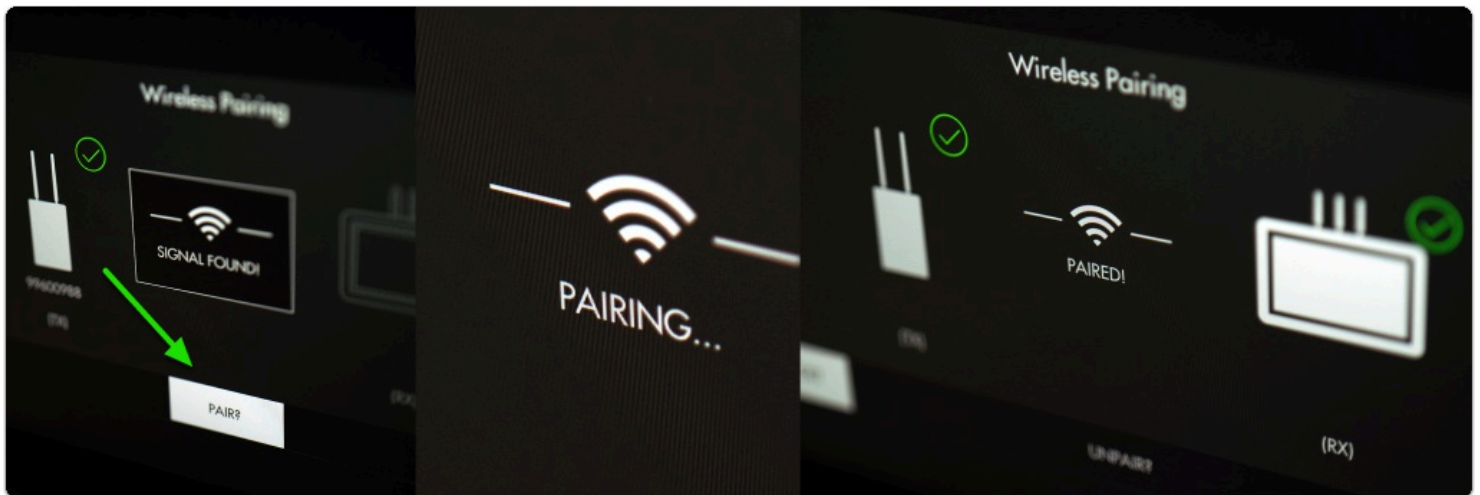

Select **'PAIR'** on the monitor will begin pairing which typically takes 10-30 seconds *but can take up to 3 minutes in the presence of heavy 5Ghz interference.*

> ⚠️ Wireless interference is a common culprit for pairing issues. If the red fault LED stops blinking without having paired, or the 703 Bolt indicates that pairing has failed - try and move to an area with less wireless traffic specifically in the **5Ghz** spectrum (ie **away from wifi routers**, antenna masts, etc). *Once paired*, the signal will be far less susceptible to issues caused by interference.
>
> We also advise placing the devices around **1 Meter/ 3 feet apart** from one other.
>
> *Sometimes, removing the antennas before starting the pairing process and adding a single after the pairing process has started can help the units work through interference.

Congratulations, you're paired up and receiving a wireless signal!

You can confirm by navigating (joystick or swipe) down and in the upper left corner you will see the signal type being sent or received with a green wireless icon.

Teradek Wireless Products compatible with SmallHD Wireless Monitors

> ℹ️ The SmallHD Sidekick (SK) RX and 703 Bolt are compatible with:
> Teradek Bolt 500 (+ LT & XT)

[Teradek Bolt 1000 (+ LT & XT)](#)

[Teradek Bolt 3000 (+ XT)](#)

[Teradek ACE 500](#)

The SmallHD 500 RX/TX series are compatible with:
[Teradek Bolt 500 (+ LT & XT)](#)

[Teradek ACE 500](#)

TROUBLESHOOTING TIPS FOR WIRELESS PAIRING

*You can only pair one RX to a TX at a time, you can have 4 RX units paired to a single TX.
*We recommend turning off all other wireless TX/RX units and work one at a time on set to help speed up the pairing process.

*Use Bolt-manager (on a computer) if on a Teradek product, it's easier to Pair and be sure everything is up to date. https://teradek.com/pages/downloads#bolt

*Be sure both RX and TX units are up to date on the latest firmware. (You can update the Teradek unit via Bolt-manager).

*The region settings must match between all devices (USA, Europe, Japan Indoor, etc.).

To prevent interference when pairing a transmitter and receiver:

*Turn off all other transmitter/receiver sets, and only turn on the transmitter and single receiver you are trying to pair.

*Turn off any receivers that are already paired to the same transmitter. Only have the transmitter and the one receiver you're trying to pair turned on!

*Have the transmitter and receiver at least 3 feet or 1 meter apart -- do not place them right next to each other!

*Remove the Antennas before pairing. Once you start the pairing process, add a single antenna to both the RX and TX.

*NOTE: Sometimes if there is a lot of interference in the area, it may take a few tries to get the units to lock, continue to try the pairing process.