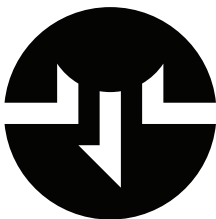


WAVE + LILY™



Getting Started

exclusively from  **Touchjet™**  
collaboration at your fingertips

# **Touchjet WAVE + LILY™**

## **Getting Started Guide**

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Touchjet Mobile app

Touchjet Present app

## Getting Started with the Touchjet WAVE + LILY™

Download the free Touchjet Mobile app to your phone or tablet for set-up and to use as a smart remote for the WAVE.



### Need Help Setting Up or Have Questions?

Contact Support at [cs@touchjet.com](mailto:cs@touchjet.com) or at 1-415-579-3399. We'd be happy to schedule a video call to help with your WAVE + LILY set-up.

## Health and Safety Information

Important Safety Information – Read the following warnings before setup or use of the Touchjet WAVE + LILY. If this product will be used by young children, this manual should be read and explained to them by an adult. Failing to do so may cause injury.



### WARNING – Seizures

Some people (about 1 in 4000) may have seizures or blackouts triggered by flashing lights or patterns. This may occur while they are watching TV or playing video games, even if they have never had a seizure before.

Anyone who has had a seizure, loss of awareness, or other symptom linked to an epileptic condition should consult a doctor before playing a video game.

Parents should watch their children play video games. Stop playing and consult a doctor if you or your child has any of the following symptoms:

Convulsions

twitching

Altered vision

movements

Eye or muscle

Loss of awareness

Involuntary

Disorientation



## WARNING – Electric Shock

**To avoid electric shock when you use this system:**

- Do not use the WAVE during a lightning storm. There may be a risk of electric shock from lightning.
- Use only the AC Adapter that comes with your system.
- Do not use the AC Adapter if it has damaged, split or broken cords or wires.
- Make sure the AC Adapter cord is fully inserted into the wall outlet or extension cord.
- Always carefully disconnect all plugs by pulling on the plug and not on the cord.

## WAVE + LILY™ Usage Precautions

Please read and follow the precautions listed below when setting up and using the WAVE + LILY. Failure to do so may result in damage to your WAVE + LILY or accessories.

- Do not use any AC adapter other than the one provided with your system.
- The WAVE has intake and exhaust vents designed to maintain adequate ventilation.
- Do not disassemble or try to repair the WAVE, accessories or components. Doing so voids your warranty.
- Do not drop, hit or otherwise abuse the WAVE, components or accessories.
- When disconnecting any plugs from the WAVE or wall outlet, carefully pull from the plug itself rather than the cord.
- Do not step on, sharply pull or bend any wires or cables.
- Do not expose the WAVE, components or accessories to extreme heat or cold.
- Do not spill any liquids on the WAVE, components or accessories. To clean, use a soft, slightly damp cloth.
- Use water only. Allow the WAVE to dry completely before using.
- Prior to installing the WAVE to your television or display monitor, firmly secure your television or display monitor to a stand, table, entertainment center or a wall with straps designed for a television.



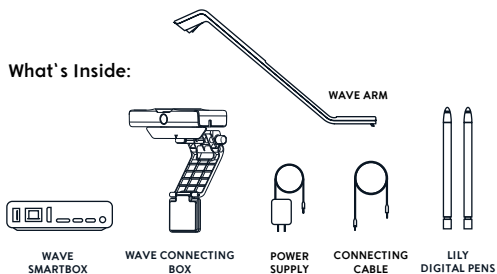
### WARNING – TV Screen Damage

Some televisions can be damaged by the display of a stationary image, because the image may be permanently “burned” into the screen. Playing video games with stationary images or patterns, or leaving video games on hold or pause, may lead to this type of damage. When taking a break, turn the TV off until you are ready to play again.

Before using your Touchjet WAVE system with any TV, especially front and rear projection or plasma models, be sure to review all documentation included with your TV to find out whether video games can be played on the TV without damaging it. If in doubt, contact the manufacturer of the TV. Neither Touchjet nor any of Touchjet's licensees will be liable for any damage to your TV.

# Components

## What's Inside:



## Notes:

HDMI cable is not included.



**Remote control not included.**

Download the **Touchjet Mobile app** to your phone or tablet (iOS and Android) to use as a smart remote.



# Step 1

## Before You Begin

### How it works

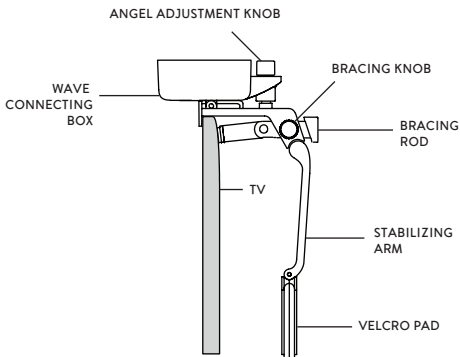
With wifi, Android OS and Touchjet's touch technology built-in, the Touchjet WAVE + LILY adds a touchscreen interactive hub to your TV up to 70". Turns your TV into a giant Android tablet using Pen Touch. The WAVE + LILY detects infrared signals from the Lily Digital Pen. It's important to **charge the LILY Digital Pen** and **prep your TV** before starting installation.



- A. Charge the **LILY Digital Pen**. Plug the **Micro-USB Cable** into the charging port at the back of the LILY Digital Pen. Plug the other end of the cable into your computer's USB port or an available USB charging adapter. After the battery is fully charged, the battery indicator will turn green. A red battery indicator means it's time to charge the LILY Digital Pen.

*Note: If the LILY Digital Pen is completely drained, it takes approximately 90 minutes to fully charge the battery. A full charge will last for approximately 80 minutes of continuous use.*

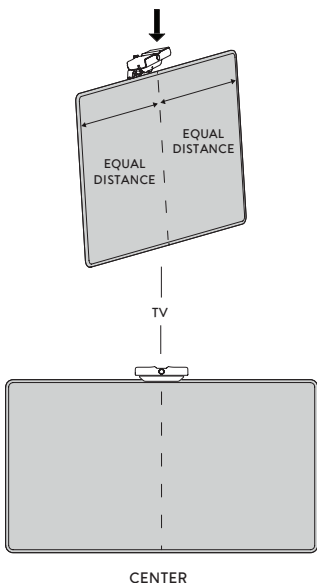
- B. Gently clean the screen, frame and back of your TV to remove dust or dirt before installing the WAVE+ LILY.
- C. Find the center of your TV. Many models have their logo centered at the top or bottom, which you can use for reference.
- D. Twist and loosen the **Bracing Knob** on the side of the **WAVE Connecting Box** so that the **Bracing Rod** can move freely.
- E. Add the velcro tape to the **Velcro Pad**. Do not remove the protective film from the adhesive strip yet.



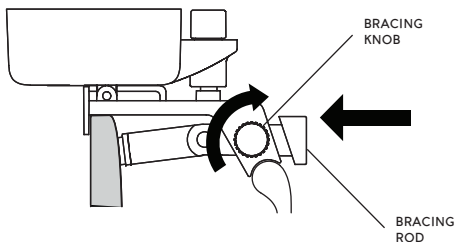
## Step 2

### Center and secure the WAVE Connecting Box

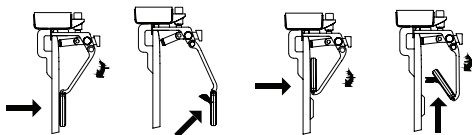
- A. Mount the WAVE Connecting Box to the top of your TV. Center of WAVE Connecting Box should be aligned to the center of TV.



- C. Press the **Bracing Rod** firmly onto the back of the TV. There should be no gap. Tighten the **Bracing Knob** to fasten the rod in place.



- D. Remove the protective film from the velcro tape attached to the **Velcro Pad** and keeping the **WAVE Connecting Box** in place. Press it firmly onto the back of your TV.

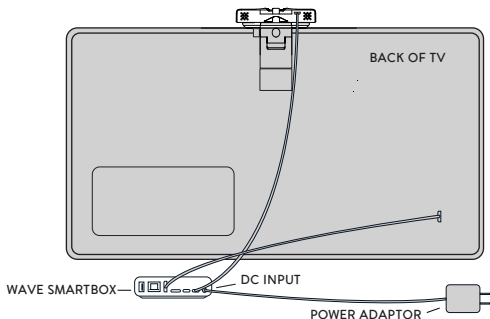


## Step 3

### Connect to HDMI and power

#### HDMI

- A. Insert one end of your **HDMI Cable** into the **HDMI Port** on the **WAVE Smartbox**, and the other into an HDMI port on your **TV**. Note: Ensure cable is firmly plugged in.



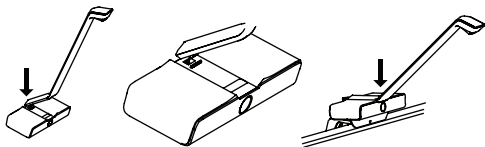
#### WAVE AC Adapter

- B. Insert the DC plug on the **WAVE AC Adapter** cord into the **DC input** connector on the back of the **WAVE Smartbox**.
- C. Insert the AC plug into a **120V AC** power outlet.
- D. Connect **WAVE Connecting Box** and **WAVE Smartbox** using the included connector cable, connect the **WAVE Connecting Box** and the **WAVE Smartbox**.

## Step 4

### Connect the WAVE arm

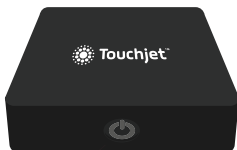
- A. Connect the **WAVE Arm** to the top of the **WAVE Connecting Box** by carefully placing the lip at the base of the arm into the rectangular slot atop the box. The **WAVE Arm** should snap into place so that there is no gap between the arm and the box.



## Step 5

### Power on the WAVE + LILY™

- A. There is an on/off button on the WAVE Smartbox to power the unit on and off. Push the on/off button to power the unit on. Turn on the TV. Ensure the input source on the TV is switched to the HDMI port connecting to the WAVE + LILY.



WAVE SMARTBOX POWER BUTTON

## Step 6

### Pair the WAVE + LILY™ with your phone or tablet

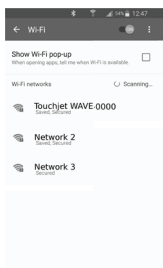
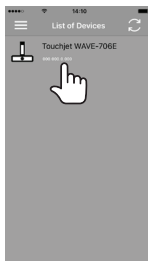
- A. Download the free Touchjet Mobile app using your smartphone or tablet (iOS and Android). You will use this as a smart remote to complete the setup process for the WAVE + LILY.
- B. Go to your phone or tablet's Wi-Fi settings menu and connect to your WAVE's Wi-Fi hotspot.

*Note: the name of this network should also appear in the top right corner of the WAVE screen.*

- C. Open the **Touchjet Mobile app** on your smartphone or tablet. Under Touchjet Devices, you will see your WAVE listed. Tap **Touchjet WAVE-XXXX** to connect the two devices. You may need to refresh the page using the button in the top right corner and wait a moment for the WAVE to appear on the device list.
- D. If you do not have a smartphone or tablet available, please connect a USB mouse to the WAVE Smartbox. Use the mouse to navigate the next few steps. To start calibration, tap on **SETTINGS ▶ Start Calibration**.



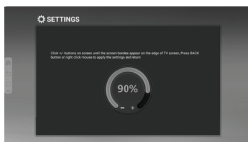




# Step 7

## Adjust your touch display size (optional)

- A. If the touch display appears bigger or smaller than your TV screen, you can adjust the size by following the steps below.
- B. Using the **Touchjet Mobile app** on your phone or tablet, launch the Display Settings app.
- C. Using the touch pad function, select **Display Position**.
- D. Now tap the - / + to adjust the screen size until it fits your TV screen.

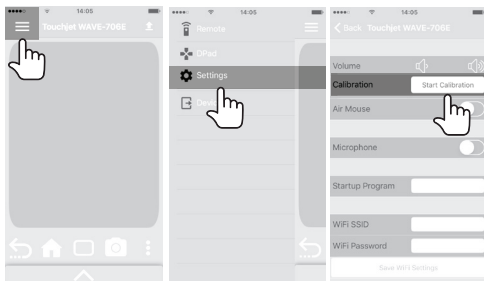


- E. Using the **Touchjet Mobile app** on your phone or tablet, launch the Display Settings app.  
Using the touch pad function, select **Display Position**.  
Now tap the - / + to adjust the screen size until it fits your TV screen.

## Step 8

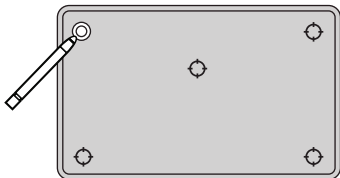
### Touchscreen Calibration

- A. In the Settings menu of the Touchjet Mobile app, press Start Calibration.



You can now set aside your phone or tablet, as the next few steps will be done directly on your TV screen using the LILY Digital Pen. You are about to teach your WAVE where it will find the borders of your screen and what to perceive as touch. Use only one LILY Digital Pen at a time for this process.

- B. Touch the first point on the screen until the dot turns from white to yellow, then lift your LILY Digital Pen from the screen. You should repeat this process for all five dots that appear.



- C. After the fifth point turns yellow, wait for the calibration to complete and then tap the button Press to Finish to complete calibration.

Once the calibration process is completed, you can fully use the Pen Touch functionality of the WAVE + LILY, or continue to use the Touchjet Mobile app on your smartphone/tablet as a smart remote.

## Step 9

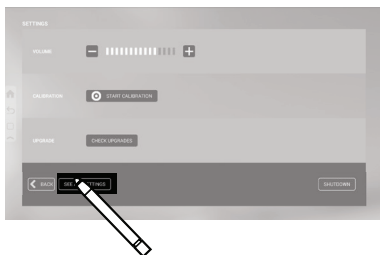
### Setting up Wi-Fi or Ethernet Connection

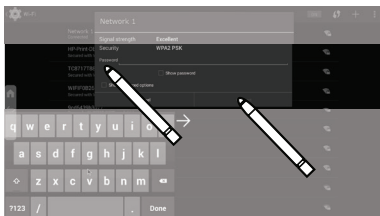
For Ethernet Connection, plug in your ethernet cable to the WAVE Smartbox.

There are two options to set up Wi-Fi on the WAVE. You can set up the Wi-Fi directly on the WAVE using **Pen Touch**, or use the **Touchjet Mobile app** on your smartphone or tablet.

#### Setup Via the WAVE + LILY:

- On the WAVE, tap Settings / See All Settings / Wi-Fi
- Select your Wi-Fi network from the list.
- Tap on the empty field below the Password heading to bring up the virtual keyboard. Enter your network's password. Tap Connect to complete the Wi-Fi connection.





## Setup via the Touchjet Mobile app:

- D. In the Touchjet Mobile app, tap Settings.
- E. Select your Wi-Fi network and enter password. Tap on Save Wi-Fi Settings.



**Notes:**

The app will lose connection to the WAVE + LILY and reconnect after both the WAVE + LILY and your smartphone has connected to the Wi-Fi network.

**Setup for your WAVE + LILY is now complete. You can start downloading apps from Google Play.**

Either use the LILY Digital Pen to navigate the screen or use the Touchjet Mobile app on your smartphone as a smart remote.

## Step 10

### How to add or remove apps from the home screen

Any time you install an app for your WAVE + LILY using the Amazon App Store or Google Play, it will be added to the All Apps menu.

You can access this by tapping the All Apps button in the bottom right hand corner of your WAVE + LILY and swiping left or right to see more of the list. You can also see the full list of apps within the app menu of the Touchjet Mobile app on your phone or tablet.

To change one of the apps on your favorites screen (the home menu), you will first need to:

#### Remove an app from the grid space you wish to use.

- A. Press and hold the LILY Digital Pen on the app you wish to move until it is highlighted. Two buttons will appear at the top, prompting you to tap on Remove or Cancel.
- B. Tap Remove to clear the app from that space.
- C. Tap All Apps in the bottom right corner of the main screen.
- D. Tap and hold the stylus on the app you wish to move



to your favorites. This will take you back to the main screen, where you will see available spaces highlighted.

- E. Tap the empty space you wish to put the app in, and the process is complete.

## Touchjet Mobile app

Besides using the LILY Digital Pen to navigate your WAVE + LILY, you can use the Touchjet Mobile app on your smartphone/tablet (iOS and Android) as a smart remote and for media sharing. The Touchjet Mobile app helps you get more out of your WAVE. Both your smartphone / tablet and WAVE should be on the same Wi-Fi network to connect.

### SETTINGS

Control the WAVE + LILY's settings directly in the app by tapping.

- F. Adjust Volume
- G. Start Calibration
- H. Turn on Air Mouse
- I. Turn on Microphone
- J. Set Startup Program
- K. Connect Wi-Fi Network



## Touch Pad


Use the touch pad to navigate your WAVE. As you use the touch pad, you will see the cursor move on the screen.

Slide one finger along the center of the touchpad to move the cursor. Tap gently to select.

Use two fingers to drag an item; for example, to move the Navigation bar.



## Launch Apps

Tap  to display all the apps on the WAVE. Tap on an app to launch.

Tap  to return to touch pad.

## Media Sharing

Tap



to start media sharing.



to share images



to share videos



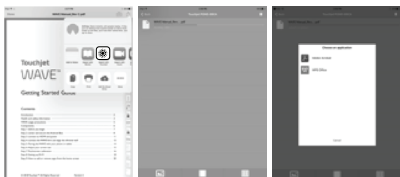
to select image to share onto screen.

Once the image finishes loading, the image will be displayed onto the projected screen. The file will not be stored on the WAVE unless you save it to the WAVE.

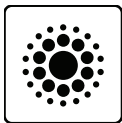


To share a file to the WAVE, open the file from your email, Cloud Drive, etc and follow these steps.

- L. Open file and select the **Touchjet Mobile app** to share.
- M. Choose application to open file and share on the **WAVE**.



## Touchjet Present



Touchjet Present is pre-installed on the WAVE + LILY and allows users to have a real-time interactive presentation across all platforms – iOS, Android and any computer using a web browser ([www.touchjet.pro](http://www.touchjet.pro)). Sign-up for a free trial account.

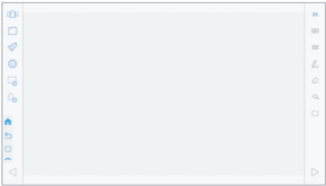
Presenters can pull videos, slideshows, or PDFs from their favorite cloud storage or desktop and present it to any number of viewers worldwide via low-overhead cloud mirroring. At the host's discretion, viewers can annotate the presentation and comment or poll on its content. At the end of the meeting, the host is automatically sent a meeting summary

report (summary of slides and annotations during the meeting).

Whether it's an interactive lecture at a school, a board meeting spread across continents, or an artist bringing their craft to the mobile platform, Touchjet Present puts collaboration first.



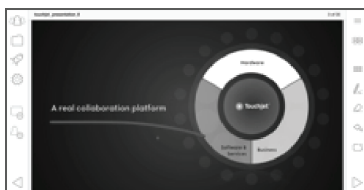
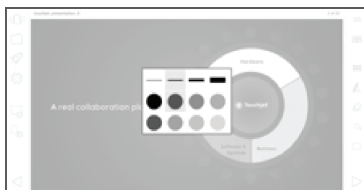
- Start a Meeting
- Access Files
- Applications
- Sign-In / Sign-Up
- Whiteboard
- Invite Attendees



- Line thickness / color
- Annotate
- Eraser
- Undo
- Delete All

Try Touchjet Present at your next meeting or class lesson for easy collaboration or try it with friends and family to collaborate on a fun project. Here are the simple steps:

- A. Open App – cross-platform application (iOS, Android and web based).
- B. Access File – Open a PDF or video via the Cloud (Dropbox, Google Drive, etc) or upload from your computer ([www.touchjet.pro](http://www.touchjet.pro)).
- C. Start a Meeting – attendees join your meeting by using your Room ID. Whatever is being presented will simultaneously be displayed on all devices. Attendees can either be in person or remote.
- D. Annotate – Capture notes, signatures and drawings on the big and small screen all at the same time. Annotations are saved automatically and shared across all devices in real-time.
- E. Collaborate – attendees can interact and collaborate on their smartphones, tablets and computers in real-time. Give attendees presenter privileges so that they can annotate and share files and collaborate in real-time.
- F. Summary Report – When you are done, end the meeting, and an automated meeting report will be emailed to you. All the slides, annotations and files shared in the meeting will be summarized and sent to the host as a summary report. The meeting report will also include the participants' emails so that you can follow-up and send out the meeting report for further engagement.





# Terms and Conditions of Use

## Regulatory

### Touchjet WAVE + LILY™

Touchjet USA, Inc., 900 E Hamilton Ave, Suite 100, Campbell, CA 95008, 1-415-579-3399

Email: [cs@touchjet.com](mailto:cs@touchjet.com)

Touchjet warrants the Touchjet WAVE + LILY™ to be free from defects in materials and workmanship under normal use for a period of 1 year from the date of original direct or retail purchase. You may also have other rights that vary from state to state and country to country.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including

interference that may cause undesired operation. Caution: Any changes or modifications to the equipment not expressly approved by Touchjet could void your authority to operate this equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **One-Year Limited Warranty**

Touchjet, Inc. ("Company") offers the following commercial warranty to "you", the first user of the Touchjet WAVE™

This warranty is in addition to any legal rights you have against Company or any other person.

These rights vary by jurisdiction and are not affected in any way by this warranty. If you transfer the Product to another person they will also have the benefit of this warranty.

Company warrants the Product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period").

If a defect arises and a valid claim is received within the Warranty Period, Company will either, at its option:

- A. repair the defect at no charge, using new or refurbished replacement parts; or
- B. replace the Product with a new Product that is at least functionally equivalent to the original.

A replacement Product or part, including a user-installable part installed in accordance with instructions provided by Company, assumes the remaining Warranty Period of the original Product. When a Product or part is exchanged, any replacement becomes your property and the replaced item becomes Company's property.

### **Obtaining Service**

To make a claim to obtain warranty service, send an email to Company at [cs@atouchjet.com](mailto:cs@atouchjet.com) (a) describing the Product's defect (b) with a copy of the Product's purchase receipt.

Service options, parts availability and response times will vary. If Company approves your claim, you will be responsible for the return (and associated shipping costs) of the Product or any defective parts to Company's authorized service center.

## **Limits and Exclusions**

This Limited Warranty does not cover:

- A. damage caused by failure to follow instructions relating to the Product's use or the installation of components, including, without limitation, in this User Guide or the Terms and Conditions of Use;
- B. damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes;
- C. damage caused by service performed by anyone who is not a representative of Company;
- D. accessories used in conjunction with the Product, whether or not provided with the Product;
- E. a Product or part that has been modified to alter functionality or capability;
- F. items intended to be periodically replaced by you during the normal life of the Product, including, without limitation, batteries and light bulbs;
- G. any Product sold "as is," including, without limitation, floor demonstration models and refurbished items; or
- H. a Product that is used contrary to this User Guide or the Terms and Conditions of Use, including without limitation, commercially or for a commercial purpose.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, COMPANY  
DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED  
WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES  
OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE,  
NON-INFRINGEMENT AND WARRANTIES AGAINST HIDDEN OR  
LATENT DEFECTS.

IF COMPANY CANNOT LAWFULLY DISCLAIM STATUTORY OR  
IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY  
LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION  
TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

Some jurisdictions disallow the exclusion or limitation of  
implied warranties, so the above exclusions or limitations  
may not apply to you. This warranty gives you specific legal  
rights and you may also have other rights, which vary from  
jurisdiction to jurisdiction.

## SPECIFICATIONS

The TW6 operates in the Bluetooth Band of 2.402 ~ 2.480 GHz,  
WiFi Band of 2400MHz-2497MHz, 5150MHz-5825MHz with an RF  
Output BT Power<10dBm(e.i.r.p), WIFI Power<20dBm(e.i.r.p)

## EU Compliance Information

Eligible to bear the CE mark;  
European Union Eco-Design Directive 2009/125/EC;  
European Union Radio Equipment Directive (RED), 2014/53/EU;  
European Union Restriction of Hazardous Substances Recast  
(RoHS) Directive 2011/65/EU.

W52 and W53 bands are restricted to indoor  
operations only

	BE	BG	CZ	DK	DE	EE	IE
	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL
	PT	RO	SI	SK	FI	SE	UK

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

Operations in the 5.15-5.25GHz band are restricted to indoor use only.



## Contact Information

Customer Service: [cs@touchjet.com](mailto:cs@touchjet.com)

Address: Touchjet USA, Inc. 900 E Hamilton Ave, Suite 400,  
Campbell, CA 95008, +1-415-579-3399