

Touchjet WAVE™ TV Tablet System

Getting Started Guide



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Health and Safety Information

Important Safety Information - Read the following warnings before setup or use of the Touchjet WAVE. 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 – Seizure

Some people (about 1 in 4000) may have seizures or blackouts triggered by light flashes or patterns, and 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

Eye or muscle twitching

Loss of awareness

Altered vision

Involuntary movements

Disorientation



WARNING – Electric Shock

To avoid electric shock when you use this system:

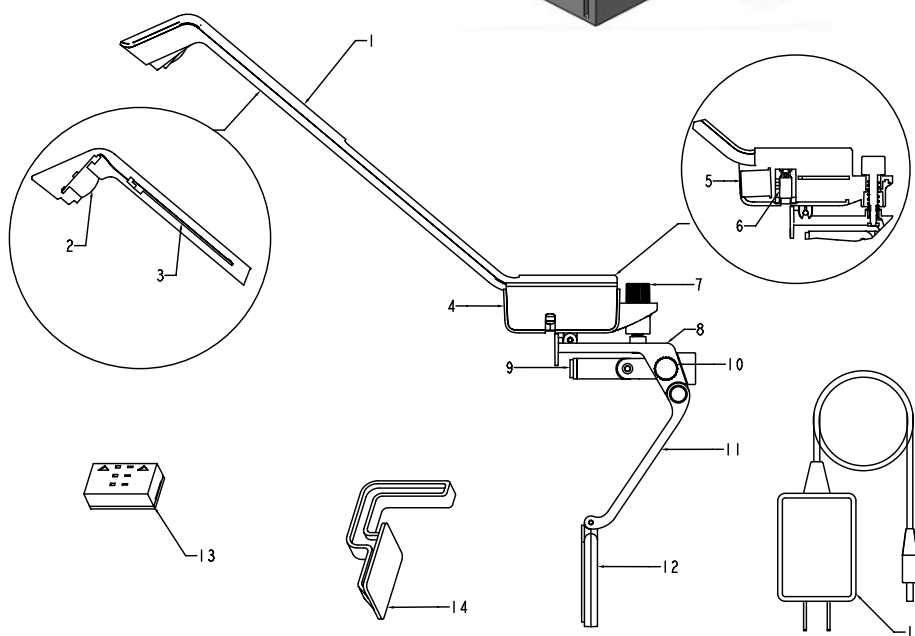
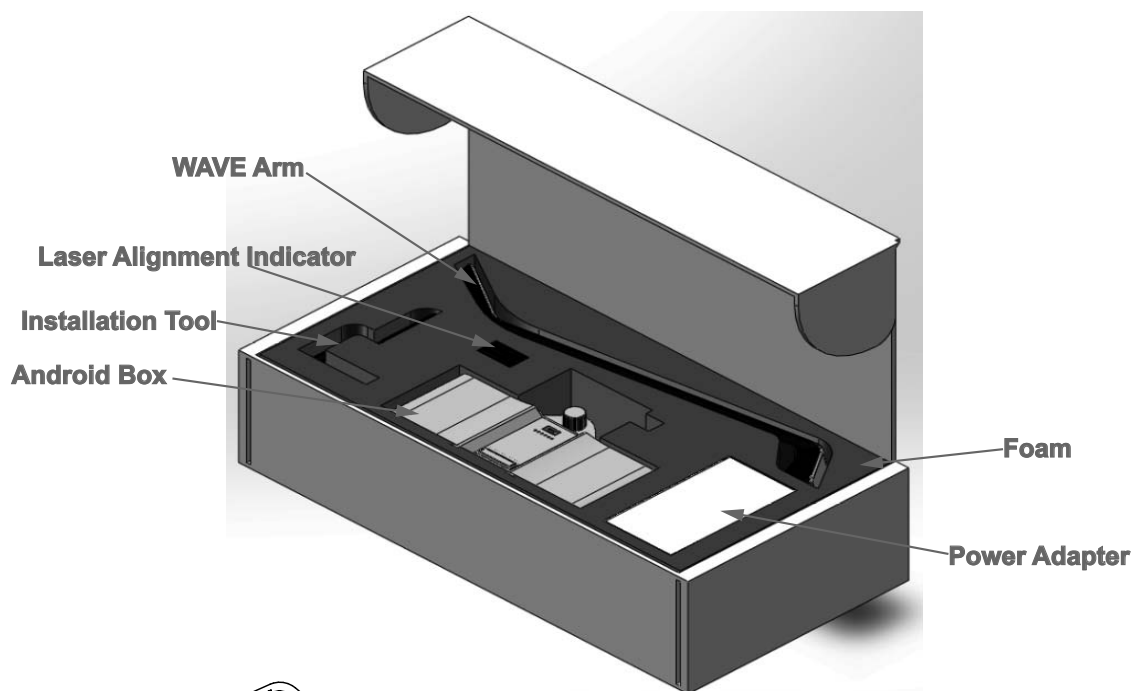
- Do not use the WAVE during a lightning storm. There may be a risk of electric shock from lightning.
- Use only the AC Adapter that comes with your system.
- Do not use the AC Adapter if it has damaged, split or broken cords or wires.
- Make sure the AC Adapter cord is fully inserted into the wall outlet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



CAUTION – Laser Device

The Touchjet WAVE is a Class I laser product. Do not attempt to disassemble the WAVE system. Refer servicing to Touchjet Support at cs@touchjet.com.

COMPONENTS



1	WAVE Arm	9	Push Rod
2	Infrared Camera Lens	10	Rod Security Knob
3	Light Processing Unit (LPU)	11	Base Joint 1
4	Android Box	12	Base Joint 2 Clamping
5	Web Camera	13	Laser Alignment Aid
6	Beam (Laser Unit)	14	Installation Tool
7	Angle Adjustment Knob	15	Power Adapter
8	Base		

Note:

HDMI cable is not included. Use any existing HDMI cable you have or purchase it at any electronics store.

Remote control is not included. Use either iPhone or Android Smartphone. Download Touchjet App from Apple App store or Google Play store.

System Setup

WAVE Usage Precautions

Please read and follow the precautions listed below when setting up and using the WAVE. Failure to do so may result in damage to your WAVE 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 the plug itself rather than by the cord.
- Do not step on, sharply pull or bend any wire 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 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.



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.

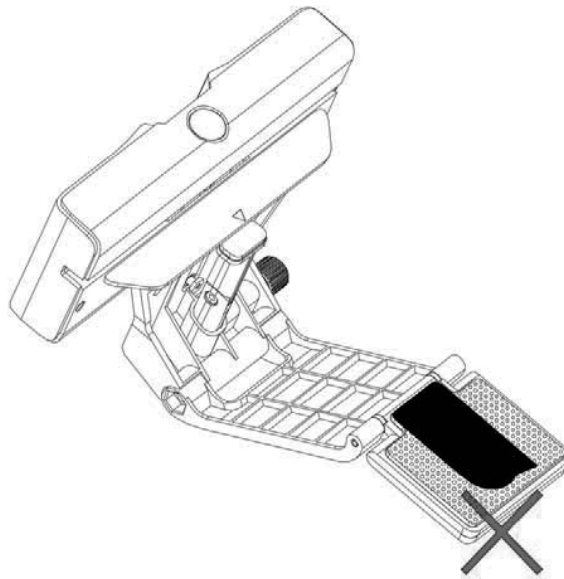
Before using your Touchjet WAVE system with any TV, especially front and rear projection or plasma models, be sure to review all documentation included with your TV to find out whether video games can be played on the TV without damaging it. If in doubt, contact the manufacturer of the TV. Neither Touchjet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

NOT ALL TELEVISIONS ARE SUITABLE FOR TOUCH. 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

WAVE Installation

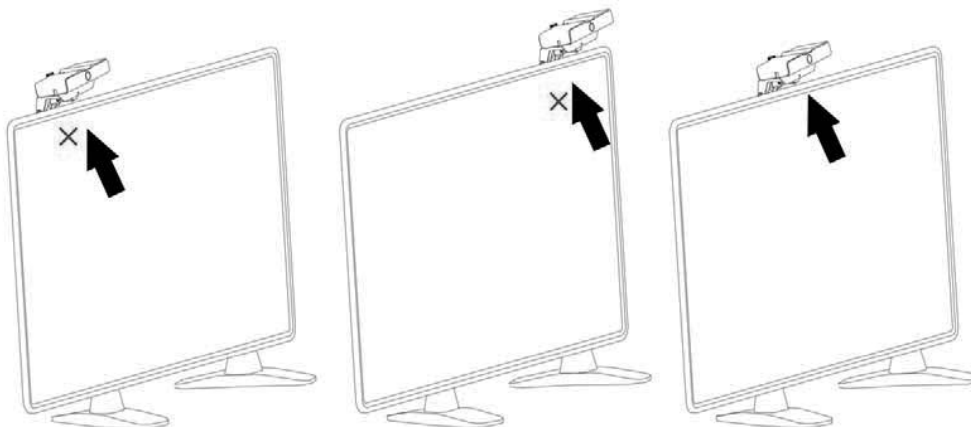
Step 1

- A. Gently clean the screen, frame and back of the TV to remove dust or dirt before installing WAVE.
- B. Find the center of the TV and use a sticky note to reference position on top of the TV
- C. Do not remove the protective film on the **Base Joint 2 Clamping** (Part 12) yet.

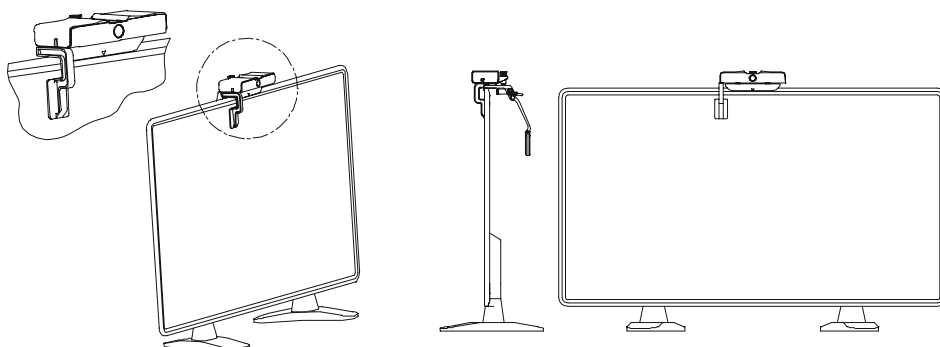


Step 2

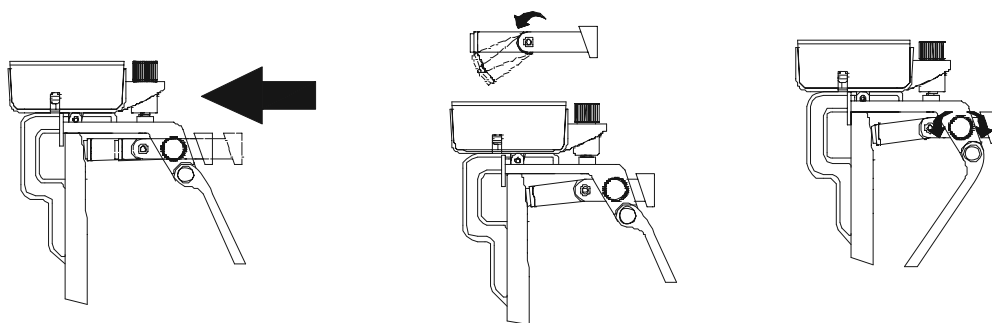
- A. Align and hold the Android Box on top of the television (in the center)



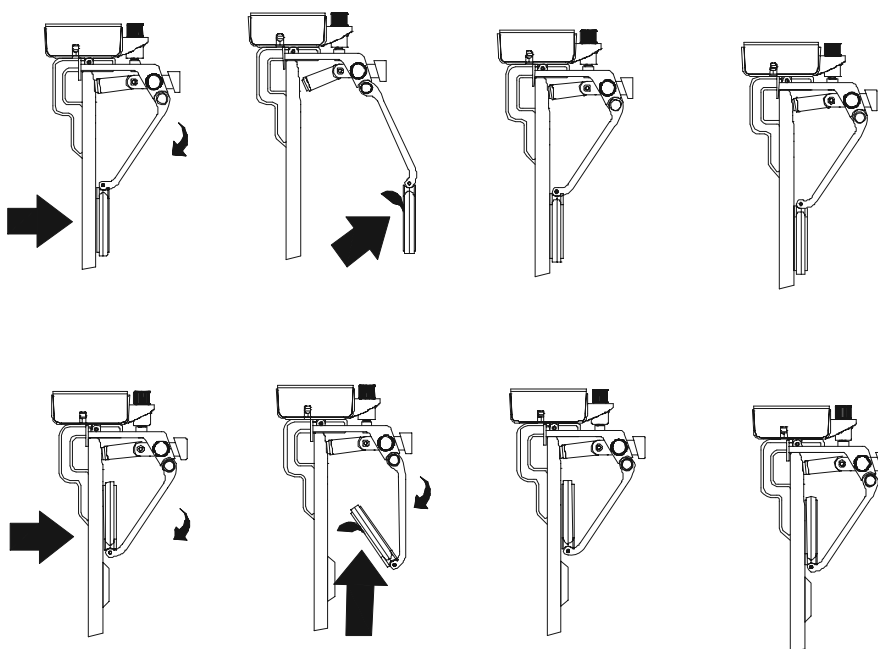
B. Use the Installation Tool (part 14) to ensure Android Box is perpendicular to the screen.



C. Push in the **Push Rod** (part 9) to the back of the TV. There should be no gap. Use the **Rod Security Knob** (part 10) to fasten the **Push Rod** in place.



D. Remove the protection film on the Velcro tape (on Base Joint 2)



- E. Keeping the Android Box in place, firmly secure Base Joint 2 to the back of the TV. Press the clamp firmly so that the Velcro tape adheres to the back of the TV securely
- F. Once Android Box firmly secured, remove the Installation Tool because it'll block the laser and interfere with the functionality of WAVE. Use it when needed to resecure or adjust the installation.

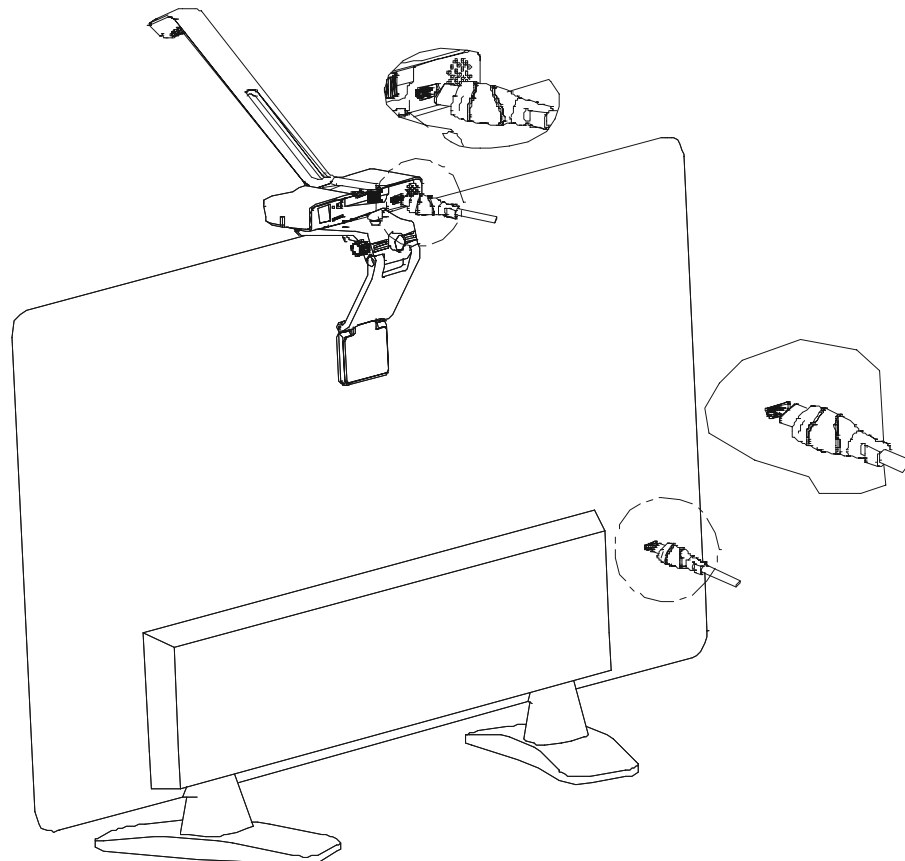
Step 3

Connecting the HDMI Cable

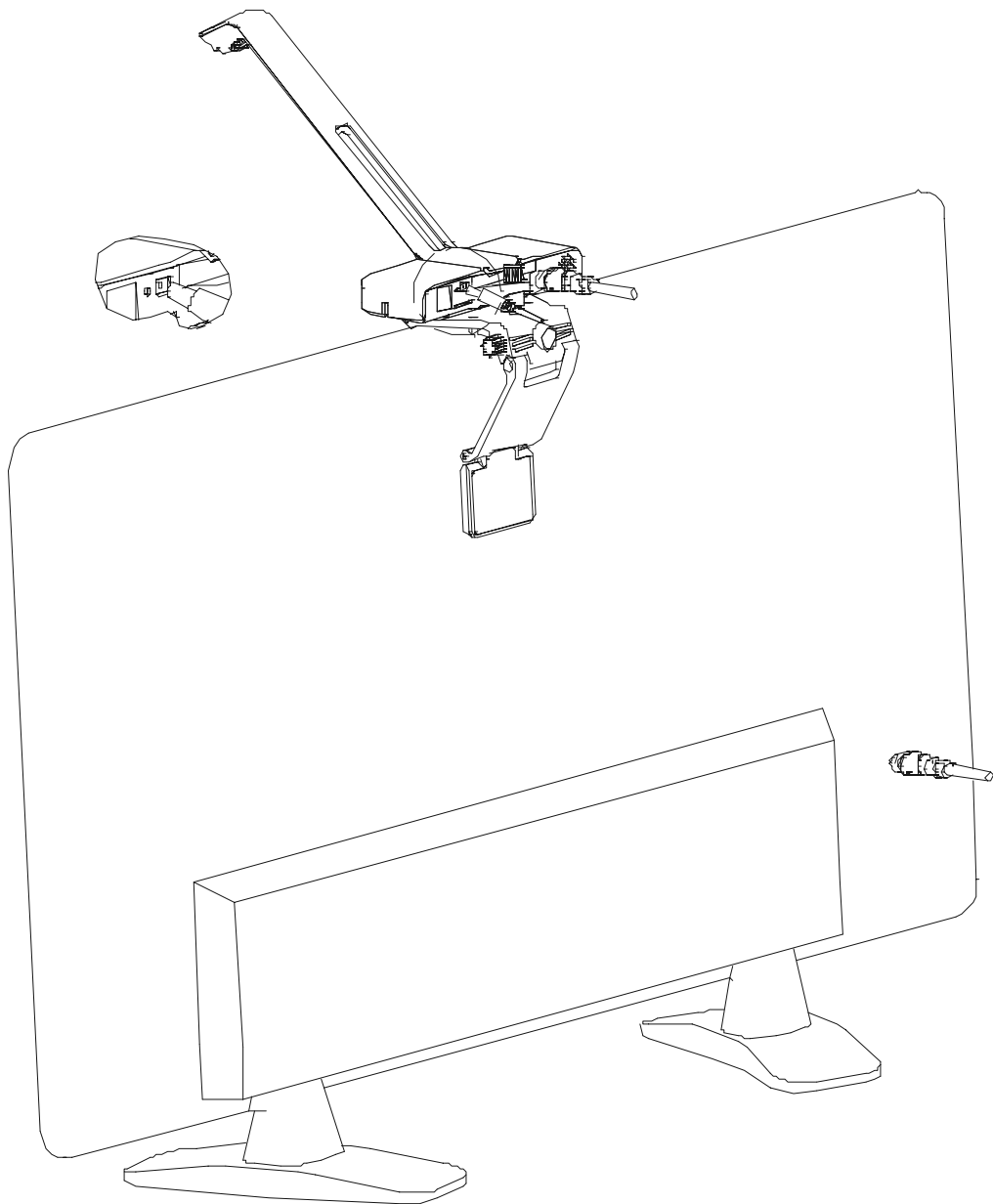
- A. Take one of the HDMI cables on your TV and connect it to WAVE by insert the HDMI cable into HDMI connector on the back of the Android box. (Any HDMI cable that is long enough without dragging the Android Box is suitable for WAVE)
- B. Insert the HDMI cable into HDMI connector on the back of the Android Box.
- C. Insert the other end of the HDMI cable into the HDMI connector on the TV.

WAVE AC Adapter

- A. Insert the DC plug on the WAVE AC Adapter cord into the DC input connector on the back of the Android Box.



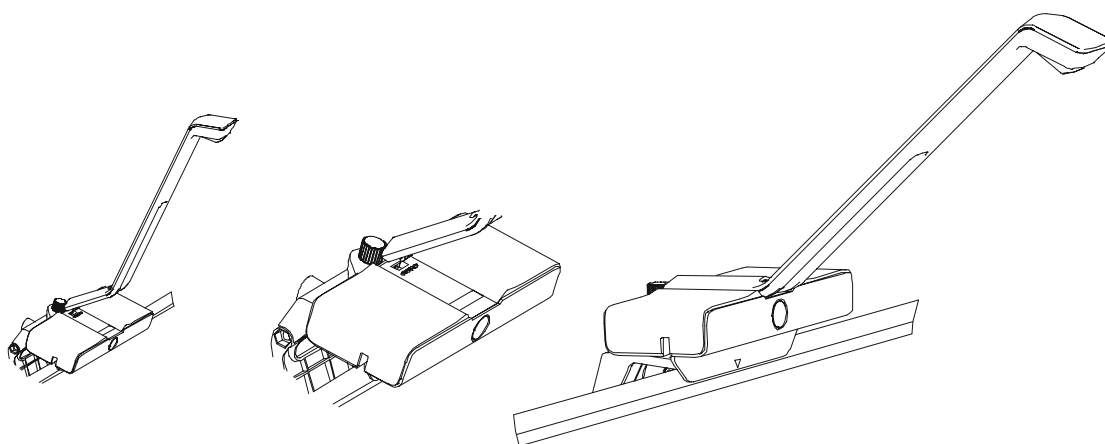
B. Insert the AC plug into a 120V AC wall outlet.



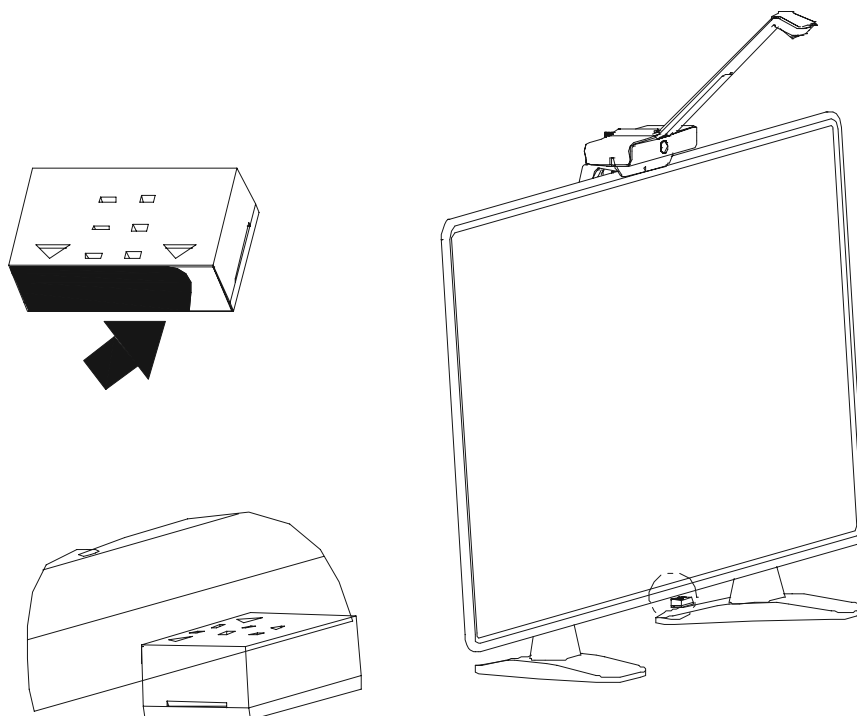
Step 4

Connecting the WAVE Arm

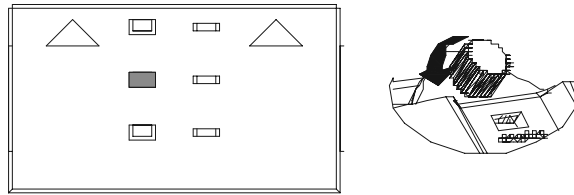
- A. Connect the **WAVE Arm** (part 1) onto the **Android Box** by carefully placing the bottom tip into the alignment hole. The WAVE Arm should snap into place.



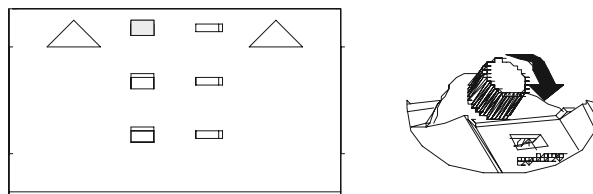
- B. Peel the protection film from the **Laser Alignment Aid** (part 13), attach the **Laser Alignment Aid** to the bottom frame of the TV. The lights should be facing up (towards the WAVE unit).



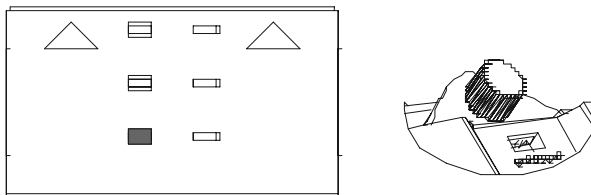
- a. Green Light - indicates **Android Box** is in the correct position



- b. Orange Light – turn the **Angle Adjustment Knob** clockwise until **Laser Alignment Aid** turns green



- c. Red Light - adjust the **Angle Adjustment Knob** counter clockwise until **Laser**



Alignment Aid turns green

- d. No Light - use the **Installation Tool** to double check that the **Android Box** is mounted at a right angle to the screen

Software Setup

The Touchjet App allows you to calibrate the touch screen and setup the initial Wi-Fi. You can also use your smartphone (iOS and Android) as a smart remote control for the Touchjet WAVE.



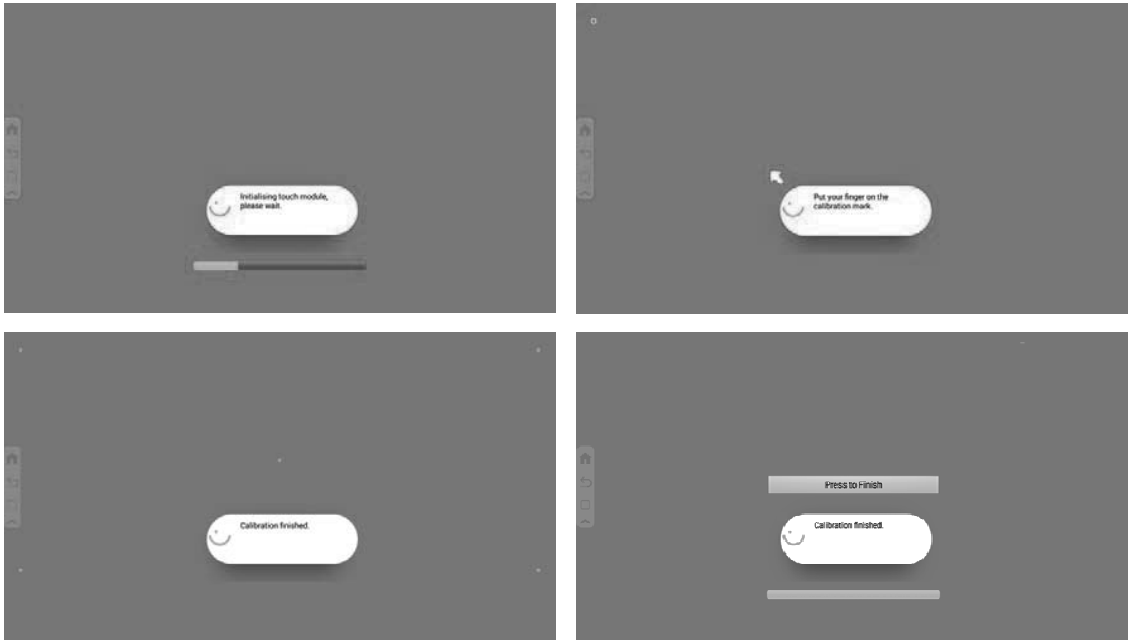
1. Search and install the **Touchjet App** on the **Apple App Store** or **Google Play**.
2. Turn on the TV, switch to the HDMI source that's connected to WAVE.
3. Open up your Wi-Fi settings on your smartphone, and connect to the Touchjet WAVE's Wi-Fi hotspot.
4. Open the Touchjet App on your smartphone. Under Touchjet Devices, tap on the Touchjet WAVE-XXXX to connect.

Calibrate your WAVE

1. In the Touchjet App on your smartphone, switch to the Settings tab, tap on Start Calibration to start process.



2. After the progression bar completes, you will see the first calibration appear in the top right corner of the TV screen. Using your finger, touch the dot until it turns yellow.



3. Continue doing this for the remaining 4 calibration points. There is a total of 5 calibration points.

Setup Wi-Fi

1. In the Touchjet App on your smartphone, switch to the **Settings** tab, type in your home, office or school Wi-Fi network's SSID and password to the corresponding fields, then tap on **Save Wi-Fi Settings** button to set the Wi-Fi connection on the WAVE.



2. WAVE will automatically connect to the Wi-Fi network just entered.
3. On your smart phone, exit out of the Touchjet App, connect to the new Wi-Fi network and then re-open the Touchjet App to connect to the device again through the new Wi-Fi network.

Note: Touchjet APP only connects **to Touchjet WAVE** when they are on the **same WIFI network**.

Install Apps

Setup is completed. Start downloading apps from **Amazon App Store**. Either use your fingers to navigate the screen or use the Touchjet App on your smartphone to navigate WAVE.



Terms and Conditions of Use

Regulatory

Touchjet WAVE™ TV Tablet System (Model: TW1)

Touchjet Inc., 1569 Solano Ave, #472, Berkeley, CA, 94707 USA, 1-415-579-3399

Email: cs@touchjet.com

Touchjet warrants the Touchjet WAVE™ 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

One-Year Limited Warranty

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

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 (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.

Contact Information

Customer Service: cs@touchjet.com

Address: 1569 Solano Ave, #472, Berkeley, CA, 94707, USA, 1-415-579-3399