



AquaTouch™ 7

Control Tablet

Operating Manual



Important Safety Instructions • Consignes de sécurité à lire attentivement



CAUTION
Risk Of Electric Shock
Do Not Open



1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
6. Do not use this apparatus near water.
7. Clean only with dry cloth.
8. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus.
10. Do not defeat the safety purpose of the polarized or groundingtype plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
11. Protect the power cord from being walked on or pinched particularly at plugs,

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the device.

convenience receptacles, and the point where they exit from the apparatus.

12. Only use attachments/ accessories specified by the manufacturer.
13. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Le symbole de la foudre est prévu pour sensibiliser l'utilisateur à la présence de tension de voltage non isolée à l'intérieur de l'appareil. Elle pourrait constituer un danger de risque de décharge électrique pour les utilisateurs. Le point d'exclamation dans le triangle équilatéral alerte l'utilisateur de la présence de consignes qu'il doit d'abord consulter avant d'utiliser l'appareil.

n'accepte pas la fiche, consulter un électricien pour qu'il remplace la prise désuète.

11. Protéger le cordon de secteur contre tous bris ou pincement qui pourraient l'endommager, soit à la fiche murale ou à l'appareil.
12. N'employer que les accessoires recommandés par le fabricant.
13. N'utiliser qu'avec les systèmes de fixation, chariots, trépied ou autres, approuvés par le fabricant ou vendus avec l'appareil.
14. Débrancher l'appareil lors des orages électriques ou si inutilisé pendant une longue période de temps.
15. Un entretien effectué par un centre de service accrédité est exigé si l'appareil a été endommagé de quelque façon: si il a été exposé à la pluie,, l'humidité ou s'il ne fonctionne pas normalement ou qu'il a été échappé.

1. Lisez ces instructions.
2. Conservez ces instructions.
3. Observez les avertissements.
4. Suivez ces instructions.
5. Pour réduire le risque de feu ou la décharge électrique, ne pas exposer cet appareil pour pleuvoir ou l'humidité.
6. Ne pas utiliser l'appareil près de l'eau.
7. Le nettoyer à l'aide d'un tissu sec.
8. Ne pas bloquer les ouvertures de ventilation, installer selon les consignes du fabricant.
9. Eloigner des sources de chaleur tel: radiateurs, fourneaux ou autres appareils qui produisent de la chaleur.
10. Ne pas modifier ou amputer le système de la mise à terre. Une prise avec mise à terre comprend deux lames dont une plus large ainsi qu'une mise à terre: ne pas la couper ou la modifier. Si la prise murale

FCC Compliance

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

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation

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 both a commercial and 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.

Unpacking

After unpacking, please inspect for any physical damage. Save the shipping carton and all packing materials, as they were carefully designed to reduce to a minimum the possibility of transportation damage should the unit again require packing and shipping. In the event that damage has occurred, immediately notify your dealer so that a written claim to cover the damages can be initiated.

The right to any claim against a public carrier can be forfeited if the carrier is not notified promptly and if the shipping carton and packing materials are not available for inspection by the carrier. Save all packing materials until the claim has been settled.

About Ashly

Ashly Audio was founded in 1974 by a group of recording engineers, concert sound professionals, and electronics designers. The first products were elaborate custom consoles for friends and associates, but business quickly spread to new clients and the business grew.

The philosophy we established from the very beginning holds true today: to offer only the highest quality audio tools at an affordable cost to the professional user – ensuring reliability and long life. Years later, Ashly remains committed to these principles.

Ashly's exclusive Five-ear, Worry-Free Warranty remains one of the most generous policies available on any commercial-grade product. The warranty covers every product with the Ashly brand name, and is offered at no extra cost to you.

Please read this entire manual to fully understand the features and capabilities of this product.

1 Introduction

Thank you for your purchase of the AquaTouch7™ remote control tablet. The AquaTouch7 is used for Ashly products equipped with AquaControl™ software. No other application is needed since AquaControl software is served directly from the connected device under control.

The AquaTouch7 tablet is designed primarily for use as a secure, limited access remote control device for AquaControl products, configured and deployed by the AquaControl system admin for remote operator use. While it is possible to use the tablet for complete admin level access to an AquaControl device, due to its smaller screen size it is best suited for accessing the remote control screens served up from the target device.

2 Installation

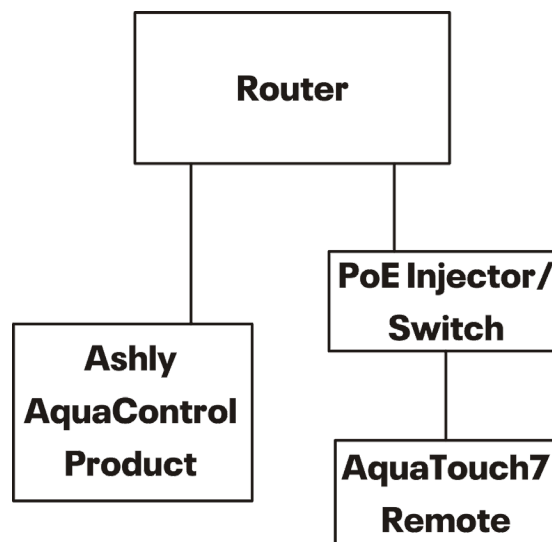
2.1 Wiring

The AquaTouch7 requires Power-Over Ethernet (PoE) and is compliant with IEEE 802.3af. Connect the tablet to a network router that provides PoE, or use a PoE injector in series with the AquaTouch7 Ethernet connection. WiFi network communication is not available.

2.2 Network Connection

- AquaTouch7 must be connected to a DHCP router.
- AquaTouch7 must be installed on the same LAN as the target AquaControl device, i.e., connected to the same router..

- AquaTouch7 is factory configured for Automatic (DHCP) IP assignment only. It will get configured automatically when connected to a DHCP network router.
*Note: Static IP connection is not available on AquaTouch7.

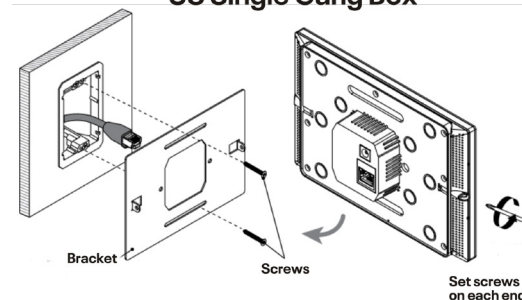


2.3 Mounting to Wall

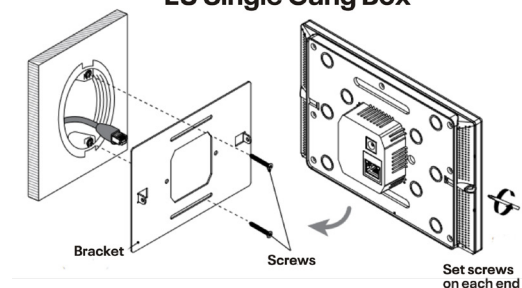
The AquaTouch7 includes a mounting bracket for fastening the tablet to a US or EU electrical wall box. Typical wall box mounting height is 59" (150cm). Make sure the wall box is mounted level and flush to the wall surface.

1) First, fasten the mounting bracket to the installed wall box as shown using the included screws, making sure the two small tabs sticking out from the mounting plate are facing away from the wall.

US Single Gang Box



EU Single Gang Box

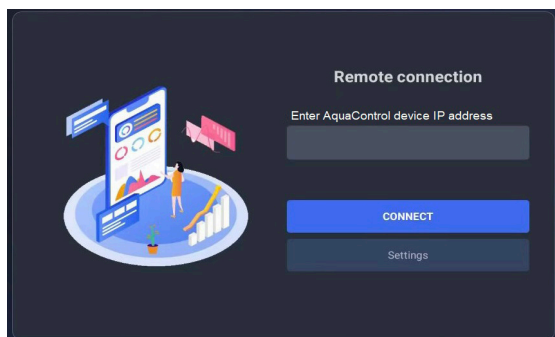


2) Next, back out the set screws on each end of the AquaTouch7 tablet just enough to open up the two slots used for fitting the back of the tablet over the two mounting bracket tabs mentioned in step 1. Use the provided screwdriver and turn counter-clockwise to loosen. The set screws have a stop and will not fall out, however they are fragile. *Do not back out more than necessary or apply excess force.*

3) Next, connect the Ethernet cable that has been run through the wall box to the tablet LAN/PoE Jack. Make sure that the tablet powers up ok before attaching it to the wall.

4) Finally, install the tablet over the two mounting bracket tabs using the two slots referenced in step 2. When the tablet is flush with the bracket, *gently* tighten both set screws using the provided L-shaped screwdriver to secure the tablet to the mounting bracket. Do not use excess force, finger-tighten only.

3 AquaControl Connection



After wiring to the network and booting the AquaTouch7, the above Remote Connection screen appears.

Connect the tablet to the target AquaControl device by entering the target device's physical IP address (see sec. 4), then press the "CONNECT" button.

To return to this screen from any AquaControl screen, press and hold your finger in the very upper left corner of the screen for at least five seconds or until the Remote Connection screen appears.

Using tablet as Operator: If you are connecting to the target AquaControl device for the first time and have been given an Operator role username, the tablet will prompt for the target AquaControl device login credentials that were assigned to you by the AquaControl admin. The admin will have created your account username, role, and password, and if that role is set as an Operator, granted specific permissions for that role.

If the target AquaControl device and AquaTouch7 have previously been connected using an Operator login, the tablet remains connected using that role.

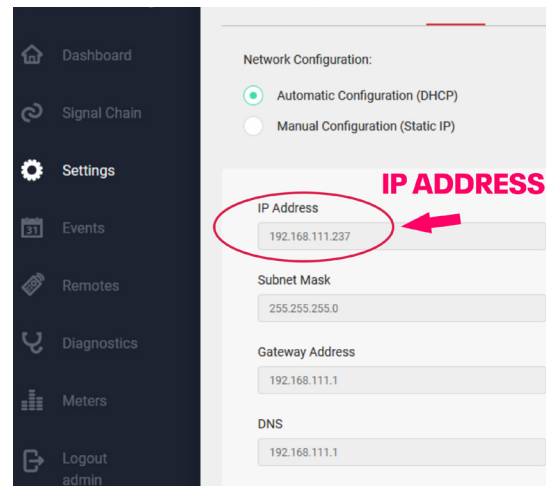
In the event of a power outage, the AquaTouch7 will automatically log back into AquaControl if the "Remember me" box was checked at the last login. Note: it takes up to a minute for the AquaTouch7 to commit the Login session security token to flash memory, so if the power is removed less than a minute after Login then you may need to Login again the next time power is applied.

Using tablet as Admin: While it is possible to log in to the target AquaControl device and use it as an Admin, the tablet's limited screen size makes it challenging due to its small feature size.

Note: Usernames and passwords are case sensitive.

4 AquaControl Device IP Address

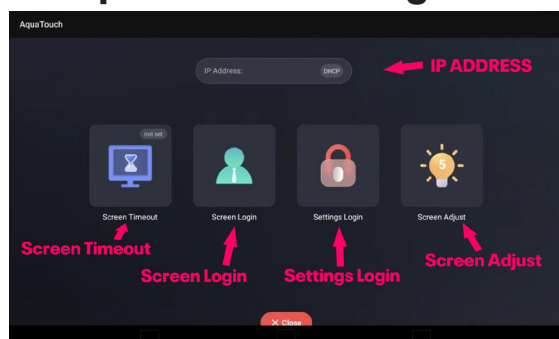
- **To find the IP address** of the target AquaControl device, log in to its [Settings -> Network Settings] screen as shown below. Enter this IP address in the AquaTouch7 Remote Connection screen.



- The DHCP server (router), may arbitrarily re-assign a new IP address to the target AquaControl device if the IP lease expires or the device gets re-booted.

To avoid losing the network connection between the AquaTouch7 and the targeted AquaControl device, the network admin should set an IP reservation for the AquaControl target device in the network DHCP router's administration settings.

5 AquaTouch7 Settings



In the Remote Connection home screen, press the "Settings" button to access the tablet features as shown above:

IP Address: This line displays the tablet's IP address. AquaTouch 7 is permanently set to connect using DHCP. Connection via Static IP is not available. Connect the AquaTouch7 to a DHCP router ([see sec. 2.2](#)).

Screen Timeout: This sets the time it takes for the screen to go dark when there is no user activity. Touch the screen to turn it back on.

Screen Login: This offers an optional four-digit passcode requirement to unlock the screen after a screen timeout occurs.

Settings Login: This offers an optional four-digit passcode requirement to return to the Remote Connection and Settings page from the established AquaControl connection.

Screen Adjust: This adjusts the overall screen brightness. It also enables/disables the ability of the tablet screen to auto-rotate based on its position, however the tablet is best used in the horizontal orientation.

6 Specifications

Screen	7", 800 x 1280 TFT touchscreen
Power	PoE, 802.3af
Compatibility	Ashly AquaControl devices
IP Connection	DHCP only (no static IP)
Unit dimensions	7" x 4.5" x 1.35" (178mm x 114mm x 34.3mm)
Unit weight	0.75lbs (0.34kg)
Shipping box dimensions	8.75" x 6" x 2.6" (222mm x 152mm x 66mm)
Shipping weight	1.6lbs (0.73kg)
Environmental	40°-120°F (4°-49°C) noncondensing
Safety/ Compliance	CE, FCC Class B, RoHS, UL, CSA

LIMITED WARRANTY (USA ONLY)

For Customers outside of the United States, please contact the distributor or dealer from whom the unit was originally purchased.

For units purchased in the USA, warranty service for this unit shall be provided by ASHLY AUDIO, INC. in accordance with the following warranty statement.

ASHLY AUDIO, INC. warrants to the owner of this product that it will be free from defects in workmanship and materials for a period of FIVE years from the original date of purchase, with the exception of certain touch-screen displays and motorized faders for which the warranty extends THREE years from the original date of purchase, and ONE year from the original date of purchase for Ashly EXP products.

Ashly Audio Inc. will, at its discretion and at no charge, either repair or replace any defective product or component upon prepaid delivery of the item to Ashly Audio Inc. service department. All warranty claims and returns of product must be accompanied by proof of the original date of purchase in the form of a valid sales receipt. This warranty confers specific legal rights, and additional rights pertaining to repair or replacement may vary by state.

WARRANTY EXCLUSIONS:

1) This warranty does not apply to damage resulting from misuse, neglect, improper installation, unauthorized modifications, or operation outside the product's intended use (failure to follow instructions in the operator's manual)

2) The warranty excludes defects or damages caused by external factors, including but not limited to accidents, environmental conditions, power surges or improper handling.

3) This warranty does not cover normal wear and tear, cosmetic damage, or consumable components that are expected to degrade over time.

4) The warranty does not extend to products that have been altered, repaired, or serviced by any party not authorized by the manufacturer.

5) Any damage arising from the use of incompatible accessories, attachments, or electrical supplies is excluded from coverage.

6) This warranty does not apply to equipment that has been subjected to installation related damage, improper storage, or transportation related impacts incurred during consumer-initiated transport after the product has been originally received.

This warranty is void if the serial number is altered, defaced, or removed. ASHLY AUDIO, INC. reserves the right to make changes in design, or make additions to, or improvements upon, this product without any obligation to install the same components as those installed on previously manufactured products.

Ashly Audio reserves the right to assess a fee for shipping and handling, should a product be determined non-defective upon completion of testing and thorough evaluation, regardless of warranty status.

Handling and storage fees will accrue on any product for which payment is not remitted within the required timeframe, in accordance with applicable state regulations.

In accordance with applicable state laws, any product deemed abandoned, left unclaimed, uncollected, or without customer response beyond the specified holding period may be used, sold or disposed of at the discretion of Ashly Audio Inc.

To the extent permitted by applicable state law any implied warranties, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, are limited to the term of this written warranty. Some states do not allow limitations on the duration of implied warranties, so these limitations may not apply to you. Nothing in this warranty is intended to limit or exclude any rights or remedies available to the consumer under applicable state or federal warranty laws.

OBTAINING WARRANTY SERVICE INSIDE THE USA:

For warranty service in the United States, please visit the Ashly website, or [click here](#).

OBTAINING WARRANTY SERVICE OUTSIDE THE USA:

Please contact the authorized Ashly Distributor in your country. [Click here for a list of International Distributors](#).

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