

## BTT-100/BTT-101

Single-Station,  
Battery-Operated  
Bluetooth® Tap Timer

### Quick Start Guide

#### ENGLISH

Please read and keep all safety and use instructions. For more information, visit [hunterindustries.com/BTT](http://hunterindustries.com/BTT).

#### Important Safety Instructions

1. Read, keep, and follow these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.
4. Use a Hose Vacuum Breaker where required to prevent backflow to the water supply.

#### Bluetooth Information

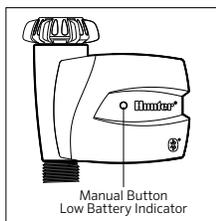
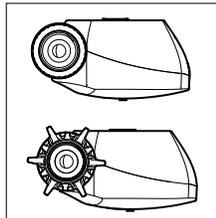
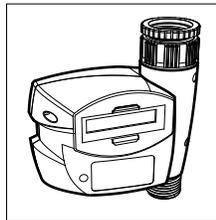
1. Frequency band of operation: 2400MHz to 2480MHz.
2. Bluetooth: Maximum transit power less than 20 dBm EIRP
3. Bluetooth Low Energy: Maximum power spectral density less than 10 dBm/MHz EIRP

#### Warnings and Cautions

- Do NOT make unauthorized alterations to this product.
- Keep the product away from fire and heat sources.
- Do not expose products containing batteries to excessive heat (e.g., from storage in direct sunlight, fire, or the like).
- The product label is located on the back of the product.
- Replace only with same or equivalent battery type. Dispose of used batteries according to instructions.
- Do NOT mix old and new batteries, or mix different types or makes of batteries.
- Store batteries in a cool, dry place at normal room temperature.

#### Connecting the Batteries

1. Squeeze the battery compartment tabs with two fingers to withdraw the battery compartment.
2. Insert the included 2x AA standard alkaline batteries into the terminals. Observe + position.
3. Replace the battery compartment.
4. Test power to the device by pressing the manual button on the front of the device and
5. listen for a click sound. Press again to turn off.
6. NOTE: Manual button mode runs for a maximum 60 minutes and then shuts off watering.



#### Connecting to Water Supply BTT-100 Instructions:

1. Connect the device only to a standard 3/4" (19 mm) NPT-threaded water supply/hose faucet outlet.
2. Hand-tighten until secure.
3. Connect a 3/4" (19 mm) inlet hose or drip adapter (Model No. BTT-LOC) to the BTT outlet.
4. Hand-tighten until secure.

#### Connecting to Water Supply

##### BTT-101 Instructions:

1. Connect the device only to a standard 3/4" (19 mm) BSP-threaded water supply/hose faucet outlet. Unscrew the grey adapter to use the 1" (25 mm) NPT inlet option.
2. Hand-tighten until secure.
3. Connect a 3/4" (19 mm) inlet hose, drip adapter (Model No. BTT-LOC) or quick connect adapter (included) to the BTT outlet.
4. Hand-tighten until secure.

#### App Programming

1. Download the free Hunter BTT app to a smartphone device from the App Store for iOS® devices, or Google Play™ store for Android™ devices.

- iOS Compatibility: Requires iOS 9.0 or later. Compatible with iPhone®.
- Android Compatibility: Requires Android 4.4 or above.

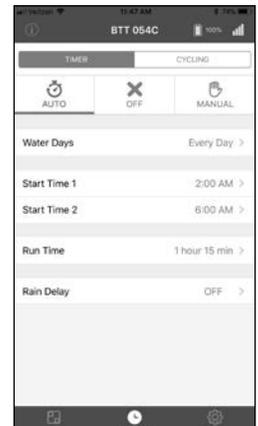
2. Be within 32' (10 m) of the timer.
3. Turn on Bluetooth on the smartphone device.
4. Press the SCAN button and select the BTT device.



#### Timer Mode Programming

Timer mode allows for watering at two different start times from 1 minute to 6 hours, per watering day.

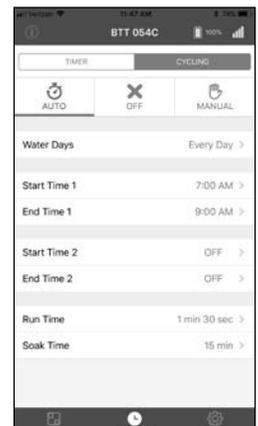
1. Press the Schedule Icon and select the Timer tab.
2. Water Days: Select the desired water days or interval days from 1-15. Save and Confirm.
3. Start Times: Set START TIME 1 and optional START TIME 2. Save and Confirm.
4. Run Time: Set the desired RUN TIME from 1 minute to 6 hours. Save and Confirm.
5. Rain Delay: Set optional RAIN DELAY from 0-7 days. Save and Confirm.
6. Off Mode: To shut down Timer Mode, select the Off tab and Confirm.
7. In-App Manual Mode: For Manual Irrigation, select the Manual tab and set a value of 1-360 minutes. Press Start and OK.



#### Cycling Mode Programming

Cycling mode allows the Run Time to repeat continually after the scheduled interval (Soak Time) from a Start Time to an End Time.

1. Press the Schedule Icon and select the Cycling tab
2. Water Days: Select the desired water days. Save and Confirm.
3. Start Times: Set START TIME 1 and optional START TIME 2. Save and Confirm.
4. End Times: Set END TIME 1 and optional END TIME 2. Save and Confirm.
5. Run Time: Set the desired RUN TIME from 1 second to 24 hours. Save and Confirm.
6. Soak Time: Set optional SOAK TIME, the time between each Run Time, from 1 second to 24 hours. Save and Confirm.



- Off Mode: To shut down Cycling Mode, select the Off tab and Confirm.
- In-App Manual Mode: For Manual Irrigation, select the Manual tab and set a value of 1-360 minutes. Press Start and OK.

### Additional Settings

- Press the Settings Icon
- Renaming your BTT: Select Settings tab and enter a name in Nickname section. Save and Confirm.
- Creating a Passcode: In BTT Settings, enter a 4-digit code in the Create a Passcode section. To disable, press Disable Passcode and Confirm.
- Changing the Language: Select Settings tab and press App Settings then Language. Select the desired language. Save and Confirm.



### Troubleshooting

Problem	Solution
Manual button press not responding	Replace the batteries. (2 AA alkaline batteries)
Device not appearing in scan list or loses connection	Move within 32' (10 m) of device. Replace the batteries. (2 AA alkaline batteries)
App indicates watering, but none is occurring	Turn on water supply. Reconnect device.
Automatic irrigation does not start at start time	Verify that BTT is programmed for automatic watering. Correct AM/PM of start time. Correct water days.
Device waters more than one time	Eliminate device start times as needed. Correct the Soak Time in Cycling mode.
Incorrect Passcode	Remove and replace batteries. Go back to the app and connect.

### FCC Notice

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception. 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. 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.

Notice: The FCC regulations provide that changes or modifications not expressly approved by Hunter Industries Inc. could void your authority to operate this equipment. These limits are designed to provide reasonable protection against harmful interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the system with respect to the receiver.
- Move the system away from the receiver.
- Plug the system into a different outlet so that the system and the receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

If necessary, consult a representative of Hunter Industries Inc. or an experienced radio/television technician for additional suggestions. Changes or modifications not expressly approved by Hunter Industries could void the user's authority to operate this device.

### Industry Canada Notice

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.



Hunter Industries hereby declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and all other EU directive requirements.



This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health, and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product. Please dispose of used batteries properly, following local regulations. Do NOT incinerate.

### Management Regulation for Low-power Radio-frequency Devices Article XII

According to "Management Regulation for Low-power Radio-frequency Devices" without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to approved low-power radio frequency devices.

### Article XIV

The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; if found, the user shall cease operating immediately until no interference is achieved. The said legal communications means radio communications operated in compliance with the Telecommunications Act.

### Equipment Protection

- Water pressure requirements: Make sure your water pressure is 7-116 PSI (0.5-8 Bar)
- Make sure water is clean and particle-free.
- Maximum inlet water temperature: 100°F (38°C)
- Operating temperature: 41°F to 140°F (5°C to 60°C)
- Protect against freezing: Do not allow water to freeze in the Tap Timer or in any connected hose.
- Chemicals: Do not use the Tap Timer with or to dispense any chemicals of any kind.
- Do not open: The Tap Timer requires no maintenance and contains no user-serviceable parts.
- Periodic inspection of connections is recommended to prevent water leaks.
- Approvals: IPX6

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Hunter Industries Corporation is under license. IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. Android and Google Play are trademarks of Google LLC.

© 2019 Hunter Industries Inc. Hunter and the Hunter logo are trademarks of Hunter Industries, registered in the U.S. and other countries.



<http://hunter.direct/btthelp>