AMPERE™

Shower Power Pro Manual

Welcome Note from the Founders

Ever find yourself in the fetal position on your bathroom floor with tears streaming down your face because your shower time is so boring? Yea... Me too.

Life is crazy, especially in the mornings. And for a lot of people, the time you spend in Shower may be the only truly alone time you get all day. Why not make the most of it?

Enter... Shower Power. A powerful Bluetooth speaker that generates all its power from the water you are already using in the shower.

We designed Shower Power, to be effortless to use. It integrates seamlessly into your daily routine. Installation is fast and simple. It turns on and pairs automatically. And best of all, you never have to worry about charging it. With Shower Power, you will always have a powerful fully-charged bluetooth speaker in your shower. We guarantee that your shower experience will never be the same.
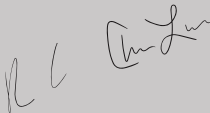
Shower Power Pro unlocks additional functionality that amps up your shower experience even more. Whether you want to track your water usage, check the water temperature before you get in, or turn on a light show that pairs with your music, Shower Power Pro has you covered. To get the most out of your Shower Power Pro, make sure to download the Ampere app at app.ampere.shop.

Before using Shower Power, please read all the instructions and watch our installation videos. And, make sure to register your product at register.ampere.shop to lock in the one-year warranty and a $20 gift card.

Thank you for your support! We'd love to hear what you think about Shower Power Pro. Please email us with any questions, concerns, feedback, etc. at hello@amperetech.co.

Thanks!

Chase & Reid

Specs

Battery: 2200 mAh Lithium Ion

Frequency Range: 150hz-12Khz

Speaker: 45mm

Speaker Power: 3W

Supports Bluetooth®: 5.0

Weight: 563 g.

Size: 183 x 95 x 91mm

360° Sound & Powerful Bass

Pair Two Together for Surround Sound

16 Hours of Battery Power

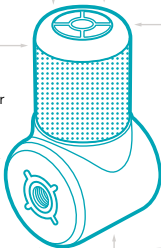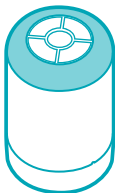Remote or Touchpad Control

Powered by Water

IPX7 Waterproof

Made from Recycled Ocean Plastic

Works with Any Shower Head*

What's in the Box

Droplet Pro
(aka Speaker)
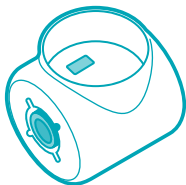
Shower Dock

Male-male
Connector

Hex Key

Sealing Tape

Quick Start Guid

For more detailed installation instructions and how-to videos, go to **install-shower-power.ampere.shop** or scan the QR code below.

Before you begin, identify your shower fitting.

Fixed

The showerhead attaches to a fitting that comes straight from the wall at an angle. The fitting is male and the showerhead is female.

Handheld

The showerhead attaches to a hose that comes from a fitting lower down on the wall. The hose is female and the showerhead is male.

*Tip -

You can install Shower Power on either end depending on your preference. It can be at the base of the hose OR at the end of the hose, attached to the showerhead.

Rain

The showerhead attaches to a fitting that comes straight down from the ceiling. The fitting is male and the showerhead is female.

**Step 1 - Unbox Shower Power and remove the speaker from the dock**
Rotate the speaker 90 degrees counterclockwise to separate it from the dock. Set the speaker and dock aside.

Step 2 - Remove your showerhead from the fitting
Unscrew the showerhead. You can usually do this by hand but may need a pair of pliers if it was installed too tightly.

Step 3 - Install the male-male connector on the appropriate side
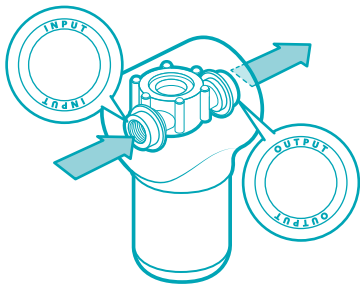
Determine which side of Shower Power is input and which side is output. These are labeled on the surface of each side. For additional confirmation, there is a small metal sensor on the output side. There will also be a sticker that indicates the input side (this can be removed after the first use).

Rain and Fixed
For these shower types, the male-male connector will go on the output side (the side that connects to the showerhead). First, screw in the male-male connector by hand and then tighten it with the hex key.

Handheld
For these shower types, the male-male connector will go on the input side (the side that connects to the hose). First, screw in the male-male connector by hand and then tighten it with the hex key.

Step 4 - Connecting your showerhead to the shower dock
Attach your showerhead to the shower dock. Connect securely but don't overtighten. If you noticed that your showerhead/fitting already used sealing tape, you may want to use it at this stage of the installation process.

*Tip for handheld showers
If the showerhead is not oriented in the direction
you want then you can add a rubber O-ring
inside the output threads on Shower Power. Use
the thinner rings for smaller adjustments and the
thicker rings for larger adjustments. You can use
multiple if necessary.

Step 5 - Connect shower dock + showerhead to the shower fitting

Finally, connect the shower dock, with the
showerhead now attached, to the shower fitting.

*Tip for rain and fixed showers
If the showerhead is not oriented in the direction
you want then you can add a rubber O-ring
inside the output threads on Shower Power. Use
the thinner rings for smaller adjustments and the
thicker rings for larger adjustments. You can use
multiple if necessary.

Step 6 - Connect the speaker (aka Droplet Pro) to the shower dock

Align the bump in the underside of the shower
dock with the groove on Droplet Pro. The
Ampere logo will be facing the same direction as
flow of water.

Troubleshooting

It's leaking! What do I do?
The first thing to check is if you screwed in Shower Power tight enough. The next solution is to try adding rubber O-rings to the female ends of the connection. Another solution is to use the sealing tape to make the connection tighter. Wrap the sealing tape around the threads in a counterclockwise direction for a better seal.

What do I do if Shower Power is not pointed in the direction I want?
If the showerhead is not oriented in the direction you want then you can add a rubber O-ring inside the output threads on Shower Power. Use the thinner rings for smaller adjustments and the thicker rings for larger adjustments. You can use multiple if necessary. You can also use the sealing tape to prevent leakage and screw to your preferred direction.

Using Shower Power

Charging

Hydroelectric Charging:

Charging a Bluetooth speaker has never been easier–all you have to do is take a shower. Shower Power will charge whenever there is flowing water. Under "normal use conditions," Shower Power will never need to be charged. We consider "normal use conditions" to be water pressure between 30-50 PSI, water temperature of less than 120°F (50°C), and only using Shower Power while the water is running.

If you use Shower Power without water running, then you will be using the reserve battery power. Continued use will result in needing to use the USB-C port to charge the Shower Power.

USB-C Charging:

Remove Droplet Pro (the speaker) from the Shower Dock and make sure it is completely dry before plugging in. You can charge Droplet Pro with almost any adapter from a reputable brand. Shower Power is compatible with QC and PD adapters.

Low Power Notifications:
When the battery level reaches 20% Shower Power will beep three times. When the battery reaches 10% it will beep three times. When you hear this "low battery" sound, we recommend not using Shower Power without water running. Alternatively, you can use the USB-C port to bring it back up to 100%.

Pairing

When Shower Power is turned on, it will enter Bluetooth pairing mode automatically. The "searching sound" will play for one minute but it will remain in pairing mode for three minutes. If no device is paired within three minutes, Shower Power will automatically turn off.

To pair your device, open the Bluetooth pairing tab on your device and select "Shower Power Pro."

Play your favorite audio from your device. You can pause, play, skip, change volume, etc from your device, via the button pad, or the Shower Power remote control.

Button Pad

Power Button
Hold for two seconds to turn Shower Power on and off.
Single Press to switch between the different light modes. It will rotate between "Relax," "Party," "Temperature," and off. If you would like other options, use the Ampere App to customize your light experience.
The power buton will illuminate green when the battery is charging.
The power button will blink blue while in pairing mode.

Play Button
Single press to pause and play your audio.
Hold for two seconds to skip to the next song.

Pairing Button
Press and hold for 2 seconds
Hold for 10 seconds to clear
the Bluetooth pairing history

+/- Buttons
Single press the + and -
buttons to increase and
decrease volume,
respectively, one level at a
time.
Hold the + and - buttons to
"scroll" through the volume
levels more quickly.

LED Lights

Shower Power has four built-in light modes. Press the power button once to switch between them. Or, use the Ampere App for even more light options.

Off
Relax - gentle color shifting
Party - multiple colors that adjust with the music
Temperature
BLUE - Cool under 95 ℉ (35°C)
GREEN - Warm 95-108 ℉ (35-42°C)
RED - Hot 109-122 ℉ (43-50°C)
FLASHING RED - Warning Hot > 122 ℉ (50°C)

The Ampere App

Unlock even more Shower Power Pro functionality with the Ampere App. The Ampere App allows you to check the battery level, see the exact water temperature, check water usage stats and set water use alarm, and customize your light modes.

To download, go to app.ampere.shop or scan the QR here.

Shower Power Accessories

Droplet/Droplet Pro
When sold with the Shower Dock, the speaker and Shower Dock together are called Shower Power (and Shower Power Pro). When purchased separately, the speaker component is referred to as Droplet (and Droplet Pro). Regardless of whether you bought the speaker component as part of "Shower Power" or separately, it will work with any Shower Power Shower Dock.

TWS Pairing
Before pairing your device, turn on two Ampere speakers (Droplet, Droplet Pro, Shower Power, Shower Power Pro) and allow the two speakers to connect. When they do, you'll hear a pairing sound.
Single press the pairing button to disconnect. After disconnecting the TWS, if you would like to re-pair, turn Droplet off and turn on again.

If you are having trouble getting the speakers to connect, make sure that there are no devices nearby that have paired to either speaker. If so,

go into your Bluetooth settings and "forget" all Shower Power-related Bluetooth devices. If you are still having trouble connecting two speakers, hold down the pairing button for ten seconds to reset the Bluetooth pairing settings. You'll hear a "reset" sound. Then, turn off both speakers and try again.

Shower Power Remote
The Shower Power remote works just like the button pad on Shower Power itself. If it's hard to reach, the remote allows to control all the functionality from up to 10 meters away. The only difference is that the power button on the remote does not turn Shower Power on. Shower Power will turn on automatically when water starts to flow.

Cleaning and Care

Just like any showerhead, over time, the Shower Dock may become stained or dirty. This could be a buildup of limescale, or metals and minerals (like iron and manganese) or bacteria. It is fine to clean the Shower Dock with the same cleaners that you use for your showerhead. That could include vinegar, baking soda, or gentle bathroom cleaning spray.

Before you begin, remove the speaker (Droplet Pro) from the Speaker Dock and set aside. When cleaning the shower dock, be careful not to damage the pogo pins. Be very careful around the pins and try to keep them as dry as possible.

To clean the speaker component (Droplet), remove from the Speaker Dock and clean with a damp cloth. Do not leave the pogo pin connection wet or submerged in water.

Manufacturer's Name: Shenzhen Great Power Innovation And Technology Enterprise Co., Ltd.
Model number: No. 331, Guiyue Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen,China
Operating Temperature: -10° C to 40° C

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 20mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.
This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.
1.   Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.
2.   CAUTION : RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
3.   The product shall only be connected to a USB interface of version USB 2.0
4.   This product can be used across EU member states.

Function	Operation Frequency	Max RF outputpower:	Limit
BR+EDR	2402~2480 MHz	-6.96dBm	20dBm.
BLE	2402~2480 MHz	-1.55dBm	20dBm.

FCC WARNING
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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

DECLARATION OF CONFORMITY

I hereby declare that the product

Shower Power Pro
Model: SHPSCH05, SHPSBK05,SHPABKD2 ,SHPACHD2

(Name of product, type or model, batch or serial number)

System components:

BT Antenna
Type: PCB Antenna;
Gain:-0.58 dbi

satisfies all the technical regulations applicable to the product within the scope of Council
Directives 2014/53/EU:

HEALTH & SAFETY (Art. 3(1)(a)):	EN 62479:2010
	EN 62368-1:2014+A11:2017
Electromagna Compatibility Art. 3.1(b):	ETSI EN 301 489-1 V2.2.3 (2019-11)
	ETSI EN 301 489-17 V3.2.4 (2020-09)
	EN 55032:2015+A11:2020
	EN 55035:2017+A11:2020
	EN IEC 61000-3-2:2019
	EN 61000-3-3:2013+A1:2019
Art. 3.2 Effective Use of Spectrum	ETSI EN 300 328 V2.2.2 (2019-07)

(Title(s) of regulations, standards, etc.)

All essential radio test suites have been carried out.

NOTIFIED BODY: MiCOM Labs Inc
— **Address**:

575 Boulder Court
Pleasanton
CA 94566, USA
Identification Number: 2280

MANUFACTURER or **AUTHORISED REPRESENTATIVE**:
— **Address**:

Shenzhen Great Power Innovation And Technology Enterprise Co., Ltd
No. 331, No. 335, Guiyue Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen,China

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorised representative.

Point of contact:

Daniel Liu

2021-12-23

Name (in block letter)	Daniel Liu
Title (in block letter)	Engineering Manager
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Tel	0755-29832500

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