1 USB-C Connection

Slide the cover open to charge your TROLL Com Plus or communicate with the USB connection.

2 Connection Status

✺	**Flashing red**	Instrument not connected. Bluetooth not connected.
●	**Continuous red**	Instrument connected. Bluetooth not connected.
✳	**Flashing green**	Instrument not connected. Bluetooth connected.
●	**Continuous green**	Instrument connected. Bluetooth connected.

3 Power Button

4 Battery Status

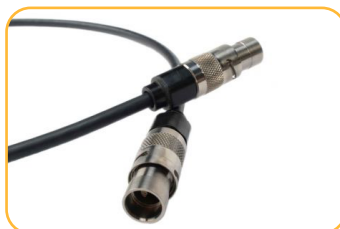|	
●●●●	100% - 90%
●●●○	90% - 75%
●●○○	75% - 50%
●○○○	50% - 25%
●○○○	Less than 25%

5 Cable Connector

Accessories

DIRECT CONNECT ADAPTER

Connect and configure an instrument out of the water. Do not submerge or deploy.

RUGGED TWIST-LOCK CABLE

Connect to an instrument and configure, deploy, or collect live readings.

RUGGED TROLL SETUP CABLE

Connect to a Rugged TROLL to configure the instrument and download data.

TROLL COM PLUS CARRY CASE

Easily carry the TROLL Com Plus in the field.

Set Up the TROLL Com Plus

Slide the cover open to reveal the charging port.

Use the USB-C cable to charge the device.

The Battery Status LEDs will turn on and blink according to charge level.

Remove the dust cover from the connector.

Connect to an Instrument

Align the flat edge of the connector with the flat edge inside the cable.

If you are using a cable, twist and push the sleeve until it clicks into place.

Connect the other end of the cable or adapter to your instrument.

Press the power button and check that the Connection Status LED is solid.

⚠️ Do not attempt to submerge or deploy an instrument with the Direct Connect Adapter. The Direct Connect Adapter is designed for configuring an instrument out of the water. Check that all cables are secure before submerging the instrument.
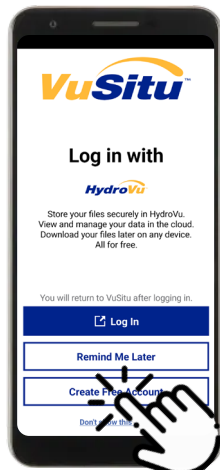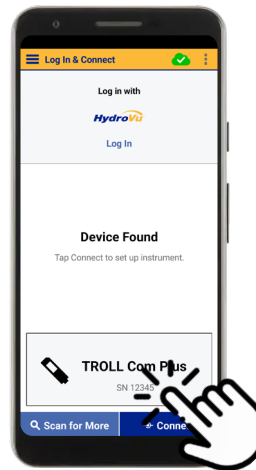
Connect to VuSitu

✅ You must have the VuSitu mobile app to use the instrument with a mobile device. Download VuSitu from the Google Play Store or the Apple App Store.

Follow the instructions above to connect an instrument and turn on the Troll Com Plus.

Open the VuSitu mobile app. Set up an account to view and download your data files from HydroVu.

Tap the serial number for your Troll Com Plus to connect to it.

VuSitu will automatically detect the connected instrument.

Connecting the Lanyard

Thread the loop through the slot on the TROLL Com Plus.

Pull the lanyard through the loop.

Check that the lanyard is secure.

Unbuckle the lanyard as needed in the field.

Cleaning the TROLL Com Plus

Clean the surface of the TROLL Com with a damp cloth and mild soap.

Do not clean the charging port.

Clean dirty connector pins with alcohol. Do not allow water to get into connector.

Make sure all parts are fully dry before use.

> ✅ Press and hold the power button to reboot the TROLL Com Plus if it is not responding or won't connect to an instrument.

Safety and Damage Warnings

> ⚠ Read the safety information on this page before using your TROLL Com Plus. If you have questions, contact In-Situ Technical Support for assistance.

- Do not use the TROLL Com Plus in any manner not specified by the manufacturer. If the device is used in a manner not specified in this manual, the protection provided by the equipment may be impaired.
- Do not submerge the TROLL Com Plus or your mobile device in liquid.
- Do not attempt to submerge or deploy an instrument with the Direct Connect Adapter. The Direct Connect Adapter is designed only for configuring an instrument out of the water.
- Check that all cables are secure before submerging the instrument.
- Do not store the TROLL Com Plus at temperatures above 122° F/50° C.
- The TROLL Com Plus is not serviceable. Do not attempt to service or disassemble the unit.
- The TROLL Com Plus is safe to use above 2000 m.

For service, repair, or technical support, scan the QR code or visit www.in-situ.com/technical-support to contact our skilled support team in your area by chat, email, or phone.

Your equipment was carefully inspected before shipping. Save packing materials for future storage and shipping. Check the equipment for any physical damage sustained during shipment. Notify In-Situ and file a claim with the carrier if there is any such damage. Do not attempt to operate the equipment.

For additional compliance information visit www.in-situ.com/compliance-information.

FC C€ UK CA ⌖ KC 이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.
R-R-iSI-TROLLCOMPLUS

Specifications

GENERAL	TROLL COM PLUS
Operating temperature	-5 to 50° C (23 to 122° F); 95% relative humidity, non-condensing
Storage temperature	-20 to 50° C (-4 to 122° F); 95% relative humidity, non-condensing
Dimensions	20 x 4.4 x 3.0 cm (7.85 x 1.75 x 1.2 in)
Weight	165 g (0.36 lb)
Materials	Polycarbonate / Acrylonitrile Butadiene Styrene blend, Silicon, Urethane, Stainless steel, Brass, Thermoplastic Vulcanizate, Polyurethane, Polyethylene, Acrylic Copolymer, Titanium, Polyetheretherketone, FKM Fluoroelastomer, Nylon, Neodynium, Polypropylene
Environmental rating	IP67
Output options	Bluetooth, USB-C
Communication protocol	Android: Wireless over Bluetooth Low Energy or Wired over USB-C iOS: Wireless over Bluetooth Low Energy
Battery type	3.7 V 3.5 AH Lithium rechargeable cell
Charging requirements	5 VDC USB-C charger (1.7 A max)
Warranty	1 year
Certifications	CE, FCC (QOQBGM113), IC (5123A-BGM113), WEEE, UKCA, KC
Manufacturer	In-Situ Inc. 221 East Lincoln Ave Fort Collins, CO 80524, USA

SENSOR	BAROMETRIC PRESSURE
Accuracy	±3 mbar max
Range	300 to 1100 mbar
Resolution	0.01 mbar
Sensor type	Fixed
Response time	Instantaneous in thermal equilibrium
Units of measure	psi, kPa, bar, mbar, mmHg, inHg, Torr, atm
Method	Piezoresistive