



COSMIQ



低功率電波輻射性電機管理辦法

Deepblu COSMIQ 通過中華民國國家通訊傳播委員會所頒布低功率電波輻射性電機管理辦法規範驗證合格產品,請使用者遵循相關法令,以免違反使用規定而受罰。

依據國家通訊傳播委員會低功率電波輻射性電機管理辦法規定:

第十二條 經型式認證合格之低功率射頻電機,非經許可,公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信;經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續使用。

前項合法通信,指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Federal Communication Commission Interference Statement

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Trade Name : DEEPBLU

Model Name : COSMIQ

Model Number : DBC-11BK, DBC-11RD, DBC-12GY, DBC-12PK, DBC-12LB, DBC-12AQ



FCC ID 2AH6F-DBC

COSMIQ Quick Start Guide

Deepblu is committed to protecting the environment and promoting sustainability. In accordance with our No Green=No Blue Policy we have chosen not to include the full COSMIQ Product Manual in this package. Instead, we've included this Quick Start Guide to help you get started, printed on recyclable paper.

This Quick Start Guide is NOT a substitute for the COSMIQ Product Manual. It is intended to inform you of the most basic functions of the COSMIQ Dive Companion. Download and read the full COSMIQ Product Manual before using COSMIQ. Please visit the Deepblu website (www.deepblu.com) to download the COSMIQ Product Manual.

Getting Started



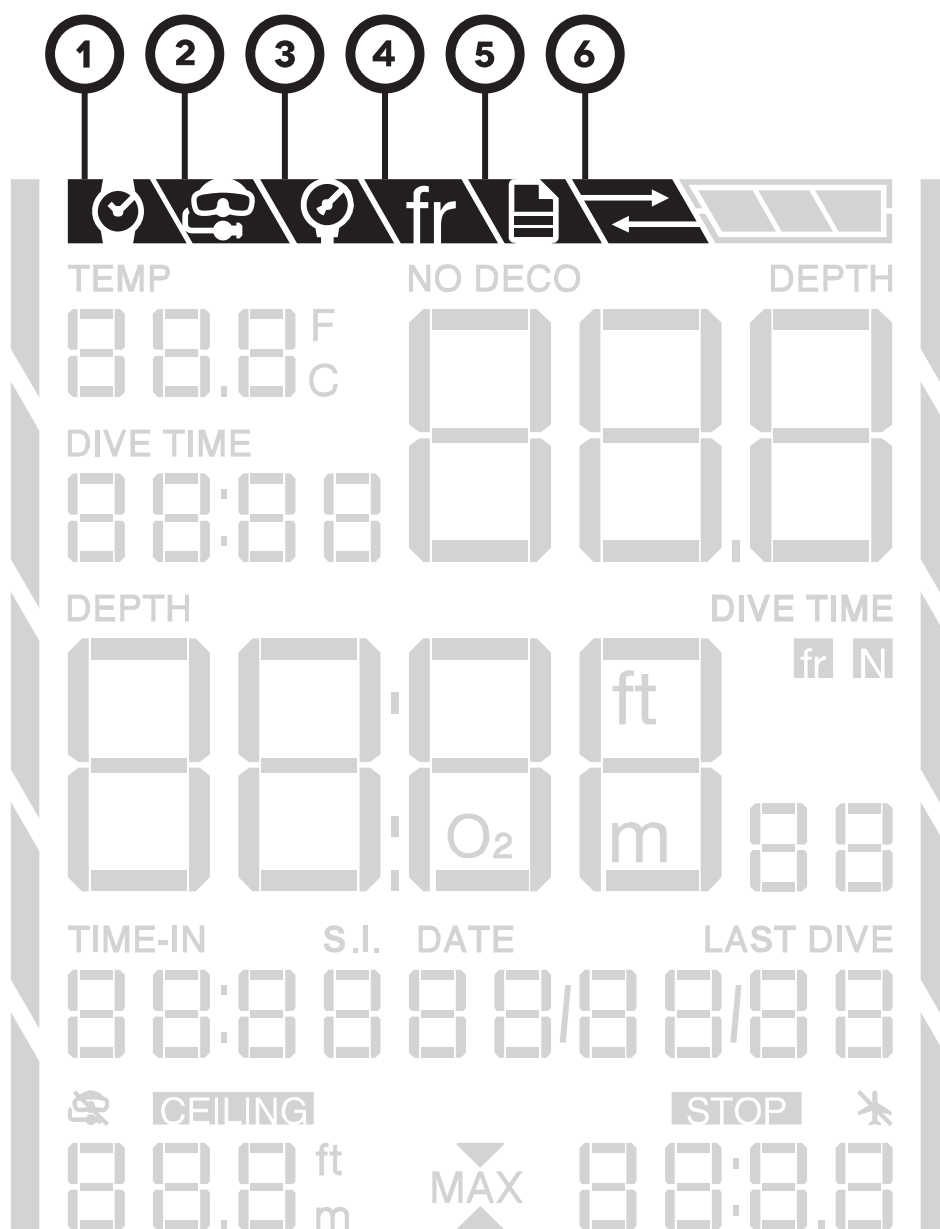
Getting Started

Charge COSMIQ before using it. Connect the charging cable to any standard USB port and attach it to the contact points on the bottom of COSMIQ.

COSMIQ has two buttons for navigation and setting selection. The left button is the **MODE** button. It is used to navigate between modes and confirm setting selections. The right button is the **ADJUST** button. It is used to navigate within modes and adjust settings.

Turn COSMIQ on or off by holding both buttons simultaneously for 3 seconds. Once turned on COSMIQ has an always-on screen that goes into hibernation (**Standby**) after 10 seconds of inactivity. Press either the **MODE** or **ADJUST** button to bring it out of hibernation.

COSMIQ Operating Modes



COSMIQ Operating Modes

Standby: the display screen is off but the computer is still active.

①**Watch Mode:** the default mode for COSMIQ. Current time and current date are displayed along with the battery level.

②**Scuba Mode:** COSMIQ measures dive data and performs decompression calculations, monitors ascent rate and determines required stop time(s). Divers can pre-set the percentage of Oxygen being used (21%-40%).

③**Gauge Mode:** COSMIQ acts as a depth gauge and timer ONLY. It does not perform any decompression calculations.

④**Freedive Mode:** COSMIQ measures current depth, dive time and water temperature. Freedivers can set an alarm for maximum depth and/or maximum time.

⑤**Log Mode:** allows you to access all dive data from previous dives.

⑥**Sync Mode:** use this mode to upload dive data from COSMIQ to the Deepblu App via Bluetooth.

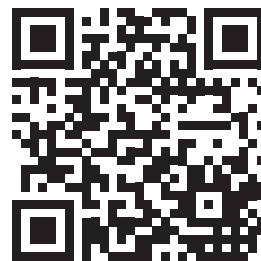
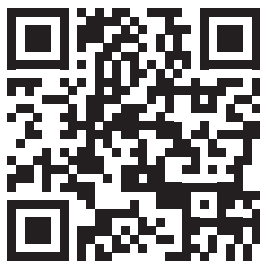
Step 1: Install the Deepblu App



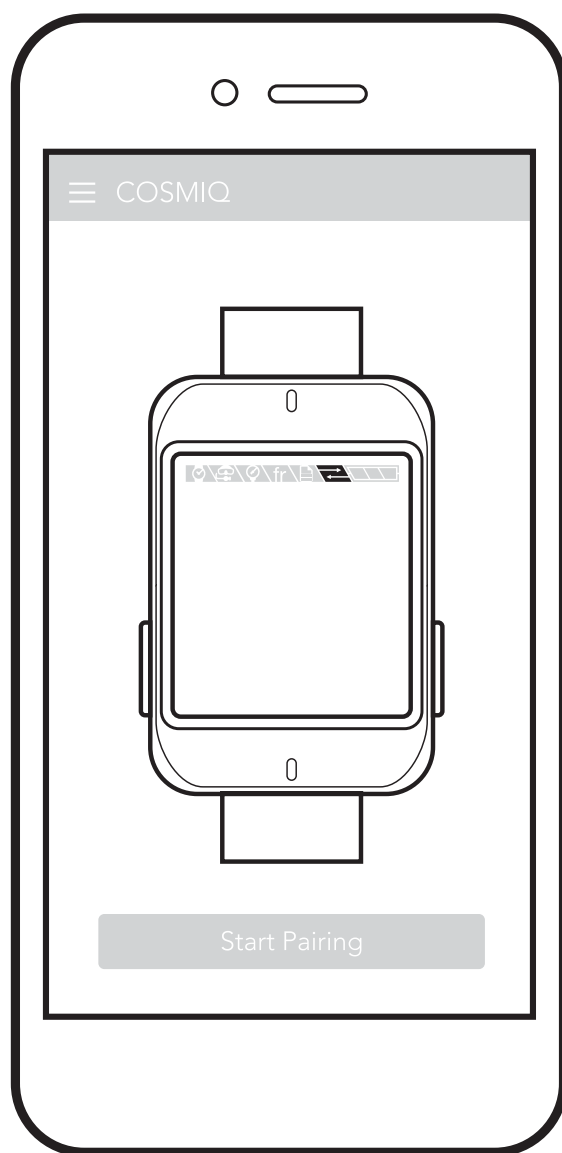
Step 1: Install the Deepblu App

The Deepblu app is necessary for adjusting the time, date, measurement units, and other settings on COSMIQ and for creating dive logs. You **MUST** download the app in order for COSMIQ to operate properly.

Download and install the Deepblu iOS app from the Apple App Store or the Android app from the Google Play Store. Sign up for a Deepblu account with Facebook or with your email and create a personal profile.




Step 2: Pair COSMIQ Using Bluetooth



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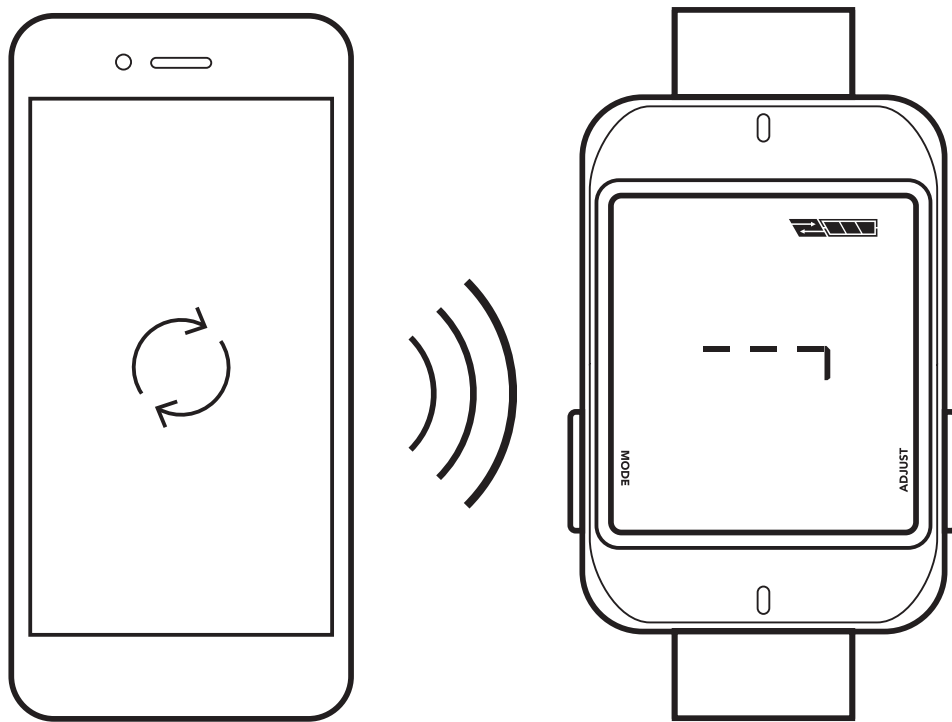
To use the Deepblu app to change the settings on your COSMIQ, you must first pair your COSMIQ with the app by establishing a Bluetooth connection. To begin, ensure that Bluetooth is enabled on your smartphone.

With COSMIQ, navigate to **Sync Mode**  using the **MODE** button. A countdown of 1 minute and 30 seconds will begin on the screen.

At the same time, access the Deepblu app and press **COSMIQ** in the main menu. Press **Start Pairing**. When you're ready to pair, press **Scan**.

Select your COSMIQ. A running rectangle will appear on COSMIQ's display screen to show that the devices are pairing. When the pairing process is complete, the app will show a checkmark to indicate success.

Step 3: Perform Sync to Adjust Settings



Access **COSMIQ** in the main menu. Press **Settings**. In the **Settings** menu for COSMIQ you can change the following:

- Update firmware
- Adjust the screen timeout (time before COSMIQ reverts to **Standby**) in **Watch Mode**

Step 3: Perform Sync to Adjust Settings

- Change the distance measurement units to metric (meters/°C) or imperial (feet/°F)
- Change the air pressure units to bar or psi
- Set default underwater mode (the mode COSMIQ will activate upon entering the water) to **Scuba Mode**, **Gauge Mode**, or **Freedive Mode**
- Display current time in **Scuba Mode**
- Set Air Mix in **Scuba Mode**
- Set a Dive Depth alarm or Dive Time alarm in **Scuba Mode**
- Set a Maximum Depth or Maximum Time alarm in **Freedive Mode**

Choose all of your preferred settings and then press **Apply to COSMIQ**. The running rectangle on COSMIQ indicates that your settings are being synced with COSMIQ.

Step 4: Choose Your Mode and Dive On

To prepare for a scuba dive in Scuba Mode:

Navigate to the **Scuba Mode** screen using the **MODE** button. Enter the water and begin descent while in **Scuba Mode**.

The default Oxygen level for COSMIQ is 21%. You can change the Oxygen level in **Scuba Mode** by pressing the **ADJUST** button repeatedly to set the desired percentage. Press the **MODE** button to save your changes and return to the **Scuba Mode** screen.

To prepare for a dive in Gauge Mode:

Navigate to the **Gauge Mode** screen using the **MODE** button. Enter the water and begin descent while in **Gauge Mode**. Note: Make sure to navigate to **Gauge Mode** three minutes or less before you enter the water or COSMIQ will revert back to Watch Mode.

Step 4: Choose Your Mode and Dive On


To prepare for a freedive in Freedive Mode:

Navigate to the **Freedive Mode** screen using the **MODE** button. Enter the water and begin descent while in **Freedive Mode**.

You can set an alarm for maximum depth and/or maximum time in **Freedive Mode**. To do this, navigate to **Freedive Mode** using the **MODE** button. Once in **Freedive Mode**, press the **ADJUST** button repeatedly to set the maximum depth. Press the **MODE** button to save your changes. Next, press the **ADJUST** button repeatedly to set the maximum time. Press the **MODE** button to save your changes and return to **Freedive Mode**.

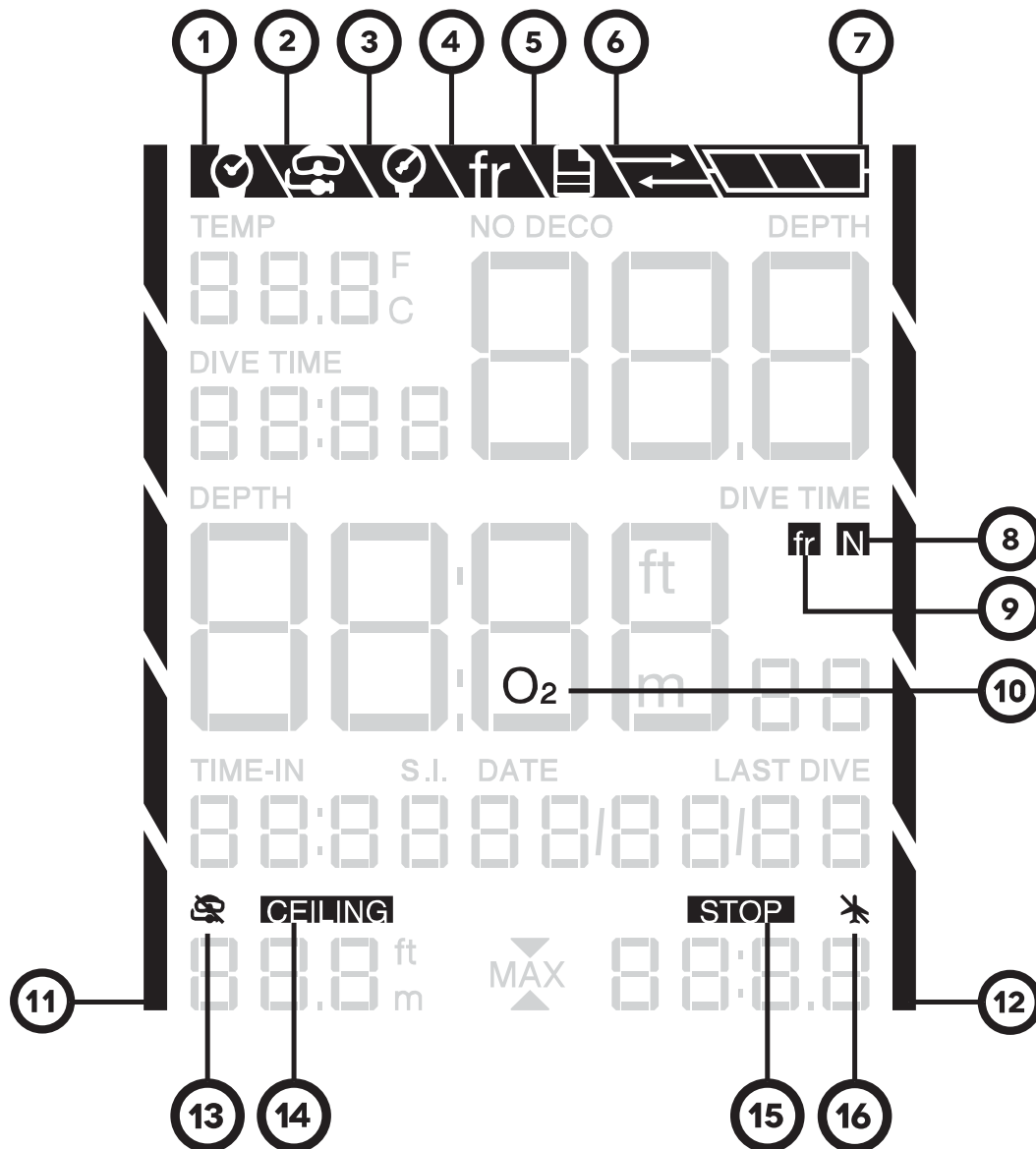
Step 5: Log Your Dives

To upload your dive data to the Deepblu app you must perform a sync. Navigate to **Sync Mode** on COSMIQ.

At the same time, access the Deepblu app and press **Create Log** in the main menu. Press the **Sync** icon . Your smartphone will show the progress of the syncing process and data from your dive will be uploaded automatically.

Access your logs by pressing **Create Logs** in the main menu of the Deepblu app. Choose the log you want to edit. Input additional information including dive site location, weather conditions and the type of gear you used. Upload photos and videos taken during your dive. Leave a review of the dive site. When finished, submit your log and share it with the Deepblu Community.

Interface Icons



- 1 - Watch Mode
- 2 - Scuba Mode
- 3 - Gauge Mode
- 4 - Freedive Mode
- 5 - Log Mode
- 6 - Sync Mode
- 7 - Battery Indicator
- 8 - Nitrox

- 9 - Freedive
- 10 - Oxygen Level
- 11 - Ascend Rate Bar
- 12 - No Deco Limit Bar
- 13 - No Dive Time in Hours
- 14 - Ceiling Depth
- 15 - Stop Countdown Time
- 16 - No Fly Time in Hours

Technical Specifications

Measurement Units

Metric (meters/°C) or Imperial (feet/°F)

Gases

1 Gas - Oxygen (21%-40%)

Partial Oxygen Pressure (PO2)

1.4 bar

Water Resistance

100 meters / 330 feet

Maximum Operating Depth

100 meters / 330 feet

Battery Life

Up to 7 hours of continuous use

Battery Type

Lithium Ion (rechargeable)

Battery Charger

USB

Algorithm

Deepblu Decompression Algorithm based on the Bühlmann ZH-L16 model.

Log Storage

Up to 25 logs unsynchronized

Data Transfer

Bluetooth 4.0

Dive Log Software

Deepblu Mobile App

Dive on.

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