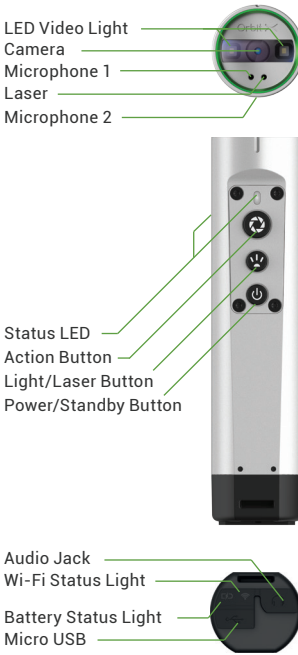
Orbit X

Quick Guide

BARTEC PIXAVI

Introduction

Congratulations on your new Orbit X camera. All you need to get started can be found in this quick guide



The Basics

Let's get started!

Power On - Long Press
Press and hold for 3 sec to start the device

Starting
Pulsating

Ready For Use
Constant

Power Off - Long Press
Press and hold for 3 sec

Shutting Down
Constant

Standby - Short Press
To save battery, the device goes into standby automatically after 1 min or after short-pressing

Standby
4 Sec Interval

Photo, Video and Video Conferencing

Capture and share your images

Take Photo - Short Press
Press once. Keep camera steady

Snapshot
One Blink

Record Video - Long Press
Press and hold for 1 sec. to start and stop recording

Ready to Record
Pulsating

Recording
Constant

Video Call - Extra Long Press
Press and hold for 5 sec. Setup is required before using this function. See "configure your OrbitX" section

Calling
Pulsating

In Call
Constant

Lights and Laser

Night or day? Doesn't matter

Video Light - Short Press
Cycle light intensity

Light On

Light MAX

Light Off

Laser On/Off - Long Press
Press and hold for 1 sec

Laser On

Laser Off

Configure your Orbit X

Connect it to the internet and get the job done!

OR

Orbit X app

Download the Orbit X app on your android phone or tablet.
The app is already pre-installed if you are using an Impact X or Gravity X device.

Follow the instructions and enjoy powerfull features like remote control and live video preview.

Collaboration X

Our Cloud Management web page.

1) Login to ***www.collaboration-x.net*** or sign up for a 30 days free Collaboration X trial account.

2) Go to “Devices” and select “Orbit X Quick Setup”.

Mounting Your Camera

Attach it to everything!

Mount your Orbit X to helmets, walls and other equipment with the included Curved and Flat Adhesive mounts and hardware

OR

Mounting plate for curved surfaces (e.g. helmet)

Mounting plate for flat surfaces (e.g. walls)

Overview

Standby/Wake up		Short Press
Power On/Off		Long Press
Take a Photo		Short Press
Start/Stop Video Rec.		Long Press
Call/Hang Up Video Call		5 sec. Press
Video Light On/Max/Off		Short Press
Laser On/Off		Long Press

Starting		Pulsate
Standby		4 Sec Interval
Shutting Down		Constant
Ready For Use		Constant
Taking Photo		One Blink
Ready To Record		Pulsate
Recording		Constant
Calling		Pulsate
In Call		Constant
Updating Software		Pulsate
Pairing Mode		Pulsate

	Strong Signal		Full Battery
	Fair Signal		Ok Battery
	Not Connected		Low Battery

Charging

The Orbit X has a high quality, high capacity battery and shall only be charged using the charger supplied with the unit. Charging the Orbit X from 0% to 80% battery capacity takes approximately 2 hours. Charging the remaining 80% to 100% takes 1 ½ hours. The Orbit X should not be used/operated during the charging process.

Factory Reset

1. Turn device off
2. Press and hold Power and Camera button at the same time. The Status LED will turn constant Pink.
3. Press and hold the Light button until the LEDs on the back blink red.
4. Press and hold the Camera button to confirm. The status LED will blink Pink.
5. The device will re-start when finished.

Software Update

The Orbit X will update to the latest software automatically when it's connected to the internet. The status LED will pulsate “Pink” when it is updating. See the “configure your OrbitX” section to set it up.

Support

FAQs and technical support can be found here: **www.bartec-pixavi.com/support**

Marking

Special Conditions For Safe Use

Ex ib parameter	USB Interface	Headset
U_o	8.4 V	11.6 V
I_o	0.445 A	0.399 A
P_o	0.933 W	1.565 W
C_o	1.35 µF	1.39 µF
L_o	3.06 µH	20.6 µH

Audio Levels

The device is compliant with the EN9650-1 standard. However, third party music players can exceed the recommended audio levels, and as such should be used with caution as prolonged listening to sound at high volumes can cause permanent damage.

Recycling (WEEE)

If you wish to discard the Orbit X, please contact your dealer or supplier. Do not throw the device in your domestic rubbish/trash.

Integrated Laser

The Orbit X has built-in Laser functionality for realtime collaboration and highlighting. The laser can be controlled with the “light-button” It uses a class 2 laser

Conditions For Use (CSA)

The ambient temperature range of the Orbit X is -20°C to + 45°C

The Orbit X shall be protected from contamination by liquid and dust; this is normally achieved by the operator carrying the device on their person.

The USB port may be used for charging the equipment when in the non-hazardous area only, using one of the following chargers specifically supplied for use with the unit:

Deltaco part number USB-AC35M
(ambient for charging is 0ºC to 45ºC)
Ansmann part number 1001-0007
(ambient for charging is 0ºC to 45ºC)
GlobTek model number GT-41078-0505-USB
(ambient for charging is 0ºC to 45ºC)
GlobTek model number GT-41078-0506-0.4-USB
(ambient for charging is 0ºC to 45ºC)
Glob Tek model number GT*-46101-*05*-USB
(ambient for charging is 0ºC to 40ºC)
Glob Tek model number GT*-46101-*06*-USB
(ambient for charging is 0ºC to 35ºC).

The maximum input voltage (Um) from the charger between the lines is 5.8 V. The charger shall be approved for use in USA/Cananda against CSA/UL 60950-1 or equivalent.

The USB port is also used for data download. The port has been assessed with a Um of 5.8 V. The equipment connected to the USB port shall be approved for use in USA/Canada against CSA/UL 60950-1 or equivalent.

Conditions For Use (ATEX & IECEx)

The ambient temperature range of the Orbit X is -20°C to + 45°C

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The maximum input voltage (Um) from the charger between the lines is 5.8 V.

The USB port is also used for data download. The port has been assessed with a Um of 5.8 V and shall be installed in accordance with clause 12.2.1 of IEC 60079-14:2007/EN 60079-14:2008

FCC/IC

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.

Ce produit répond aux exigences de la section 15 de la réglementation FCC. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent provoquer un fonctionnement indésirable.

Specific Absorption Rate Data

The Orbit X Camera is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government, Industry Canada of the Canadian Government (IC), and recommended by The Council of the European Union.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC/IC is 1.6W/kg. The SAR limit recommended by The Council of the European Union is 2.0W/kg. Tests for SAR are conducted using standard operating positions specified by the FCC/IC with the device transmitting at its highest certified power level in all tested frequency bands.

For body worn operation, the Orbit X device has been tested and meets the FCC/IC exposure guidelines when used with an accessory that contains no metal and that positions the device a minimum of 10 mm from the body. Such a device can i.e. be BARTEC PIXAVI camera cradle.