

Quick guide

Introduction

Congratulations! You are now using a quality product made by BARTEC PIXAVI. The Impact X is intrinsically safe and can be used in hazardous areas. All you need to get started can be found in this quick guide. If you need further assistance, try the android help function, or visit:

www.bartec-pixavi.com



Insert Micro SIM Card

1



2



3



Extract Micro SIM Card

1



2



3



Buttons And Ports



Our Apps



Software Update

Upgrading to the latest software release is simple and user friendly with the Software Update App.



Sipido

The Sipido video conferencing app is an SIP video conferencing app that allows you to do mobile video conference and live video streaming from the device over any network.



Hostedmobiles

HostedMobiles is a Mobile Device Management solution that allows you to remotely manage your devices. With this service, you can remotely monitor, set policies and wipe device safely and securely. The solution also offer other MDM functionality. More info: HostedMobiles.com.



Orbit X Setup

This app allows you to get the Orbit X associated with a wireless network, and configure the device for video communication.

Flipscape



Record landscape video in portrait mode with the unique Flipscape technology by BARTEC PIXAVI. The vertical video syndrome is cured!

Charging

The Impact X has a high quality, high capacity battery and shall only be charged using the charger supplied with the unit. Charging the Impact X from 0% to 80% battery capacity takes approximately 5 hours. Charging the remaining 80% to 100% takes 1-2 hours.

Label



Ex ib op is IIC T4 Gb
IECEX SIR 13.0047X
Sira 13ATEX5134X
Sécurité intrinsèque
Intrinsically safe



Model: Impact X
Serial: PXIMEX14005500
Mfr. Bartec Technor 4007-SVG-NO
BARTEC-PIXAVI.COM



C US 261724
IC: 9249A-X7SERIES
FCC ID: YML-X7SERIES
AEx ib op is IIC T4 Gb
Cl 1, Div 2, Grps A, B, C, D
Ex ib op is IIC T4 Gb

Integrated Laser

The Impact X smartphone has built-in Laser functionality for realtime collaboration and highlighting. The laser can be controlled from the Laser toggle widget:



Laser Off



Laser On

To activate the laser you need a 4 digit activation code located under the warning sticker below. When using the laser, the yellow warning sticker must be attached to the Impact X device.

4711

Support

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

Special Conditions For Safe Use

Ex ib parameter	USB Interface	Headset
U_o	5.3 V	9.5 V
I_o	2.757 A	1.502 A
P_o	2.872 W	1.565 W
C_o	-	3.5 μ F
L_o	-	14,7 μ H

Waterproof

The Impact X smartphone is IP68 waterproof even without the protective cover fitted over the mini jack and USB connectors as well as the micro SIM slot. The micro SIM, micro USB and mini jack connectors are sealed on the inside, and they are waterproof themselves even without the protective cover.



NB! Please make sure the connectors are dry before connecting a USB cable, inserting or ejecting a micro SIM-card, headset or charging the unit.

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.

Troubleshooting



If the Impact X Smartphone becomes unresponsive or does not boot successfully, try performing a soft reset. This is done by pressing and holding the power button down for 10 seconds.

Specific Absorption Rate Data

The Impact X Smartphone 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 Impact 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 wrist cradle or BARTEC PIXAVI belt clip.

The highest SAR value measured for the Impact X is: Head SAR: 1.38 (W/kg)
Body SAR: 0.82 (W/kg)

Conditions For Use (ATEX & IECEx)

The ambient temperature range of the Impact X is -20°C to $+45^{\circ}\text{C}$

The Impact 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 shall only be used for charging the Impact X when in the non-hazardous area. The Impact X shall only be charged using the charger specifically supplied for use with the unit, part number USB-AC35M, manufactured by Deltaco or part number 1001-0007, manufactured by Ansmann. The maximum input voltage (U_m) from the charger between these lines is 5.5V. The ambient temperature during charging shall be in the range 0°C to 45°C

The USB port is also used for data download. The port has been assessed with a U_m of 5.5 V and shall be installed in accordance with clause 12.2.1 of IEC 60079-14:2007/EN 60079-14:2008

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.

Conditions For Use (CSA)

The ambient temperature range of the Impact X is -20°C to $+45^{\circ}\text{C}$

The Impact 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 shall only be used for charging the Impact X when in the non-hazardous area. The Impact X shall only be charged using the charger specifically supplied for use with the unit, part number USB-AC35M, manufactured by Deltaco or part number 1001-0007, manufactured by Ansmann. The maximum input voltage (U_m) from the charger between these lines is 5.5V. The ambient temperature during charging shall be in the range 0°C to 45°C . The charger shall be approved for use in USA/Canada against CSA/UL 60950-1 or equivalent.

The USB port is also used for data download. The port has been assessed with a U_m of 5.5 V. The equipment connected to the USB port shall be approved for use in USA/Canada against CSA/UL 60950-1 or equivalent.

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