Before use

1. **BIP BIP** is provided with a battery already inserted. To activate the battery, take the device out of the leather case (fig.1) and pull out the plastic tag (fig. 2). Before replacing the battery, check the polarity and insert the battery as indicated to avoid any damages to the device
2. In order to achieve accurate results in the long period, keep the device out of liquids or extreme temperatures.

Instructions

BIP BIP has two buttons:

- Control and alarm central system placed under the left or right side of the helmet padding.
- S1 sensor (black), positioned within the front part of the helmet, triggers the system when the helmet is worn, activating a buzzer.
- S2 sensor (red), positioned on the chin strap, deactivates the alarm system when the helmet is fastened.

The accidental pressure of S1 and S2 does not cause any irregular functioning of the device.

How to install the device:

1. Position the control and alarm central system within the left or right side of the padding. (fig. 3). Do not remove the unit from its leather case.
2. Pass the cable connected to the red sensor behind the padding, then insert the red sensor through the slot made for the buckle of the retention system (fig. 4), so that it can be fixed on the chin strap by means of the velcro fastener (included) (fig. 5).
3. Pass the cable connected to the black sensor under the helmet padding and then position the sensor on the inner shell, as shown in (fig. 6)

Electrical features:

• Supply 3VDC
• 1 battery CR 2032-3VDC
• estimated battery life: two years
• microcontroller 12F675
• RAM 64byte
• FLASH ROM 1k.

Mechanical features:

• soft leather case
• weight: 30gr
• dimensions:
Ø = 60mm
h = 8mm

Acoustic signal:

• Buzzer
• Sound pressure level = 73dBA.

Functional features:

• operating temperature -10°C...+50°C
• non-toxic, non-magnetic material
• compact, ergonomic frame
• buzzer activation by pressure sensor
• The buzzer is deactivated when the helmet is properly fastened.
Reference rules:
• CEI EN 50332-2.

Remove the battery before long time storage.


Fig.1

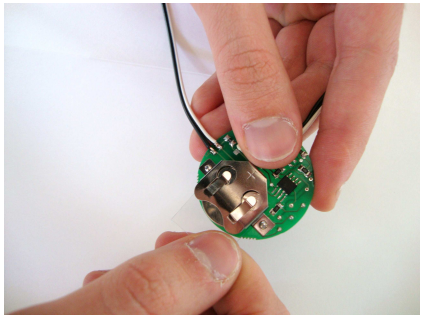
Fig. 2


Fig. 3


Fig. 4

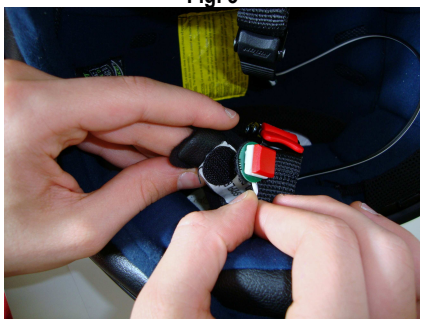
Fig. 5


Fig. 6

Notes for the disposal of the product valid in the European Union

The product must be disposed of properly in the collection depots.
The product must not be disposed of in the environment as it may be harmful.
Batteries must be removed before disposing of the product.
Batteries must be disposed of separately because they contain highly toxic substances.
It is strictly prohibited to dispose of the product as a urban waste.

DREAM COMPANY JA

NO DREAM, NO FUTURE

Conceived, designed and produced by

DREAM COMPANY JA

NO DREAM, NO FUTURE

BIP BIP is an electronic warning device driven by a microcontroller

Simple and innovative, it warns the motorcyclist with a beep until the helmet is properly fastened, helping to limit the consequences in case of accidents.

Electronic warning device driven by a microcontroller

Helmet worn on/off sensor

Helmet fastened on/off sensor

Control and alarm device

DREAM COMPANY JA
Registered Office via Ozanam, 27 - 24126 Bergamo (BG) Italy - ☎+39 035 319416 - +39 035 319416
info@adc-ja.it **www.adc-ja.it**

DREAM COMPANY JA

NO DREAM, NO FUTURE

USER MANUAL

BIP BIP

DREAM COMPANY JA
Registered Office via Ozanam, 27 - 24126 Bergamo (BG) Italy - ☎+39 035 319416 - +39 035 319416
info@adc-ja.it **www.adc-ja.it**