

Home 1 2 3 4 5 6 7 8

AIBO ERS-7 Illume-Face expresions

This pdf.document enables you to better understand what AIBO is expressing - in Mind 2 - through its face lights. AIBO uses its Illume-Face to communicate with you throughout the day, e.g. when AIBO detects its toys, someone's hand, voice commands or your face and voice. Each expression appears as an animated pattern on the Illume-Face display, created by LEDs that light up or fade out to varying degrees.

Click on one of the 8 subcategories to find out what AIBO is expressing exactly.

1. AIBO's six basic expressions

5. Alarm clock indicator

2. AIBO's general Illume face expressions

6. Battery level indicator

3. AIBO's favourites

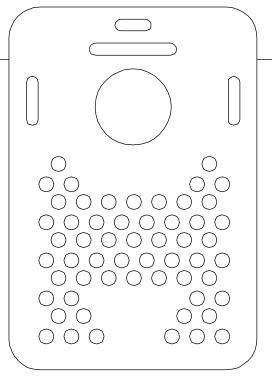
7. AIBO's modes

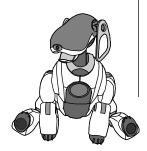
4. Energy station search for self-charge

8. Emergency situations

Remark: this document contains only a selection of Illume-Face expressions. Not all expressions are included.

© 2005 Sony Entertainment Robot Europe. All rights reserved. Sony, AlBO, and their logos are trademarks of Sony Corporation, Japan. Features and specifications are subject to change without notice. Sony disclaims any liability or responsability for any typographical errors in this brochure. Sony Entertainment Robot Europe, a division of Sony Service Centre (Europe) N.V., The Corporate Village, Da Vincilaan 7 D-1, B-1935 Zaventem, Belgium. ©, March 2005.





ERS-7



Home 1 2 3 4 5 6 7 8

1. AIBO's 6 basic expressions

Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.

Click on one of the small images below and you will see an enlarged version on the right.







Sad



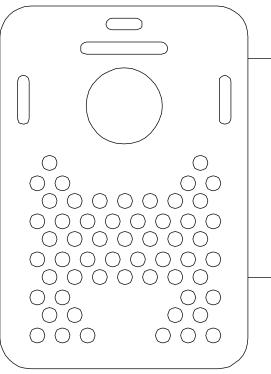
Furious

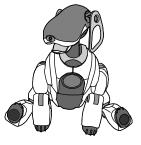


Afraid



Surprised







Home 1 2 3 4 5 6 7 8

1. AIBO's 6 basic expressions

Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.

Click on one of the small images below and you will see an enlarged version on the right.





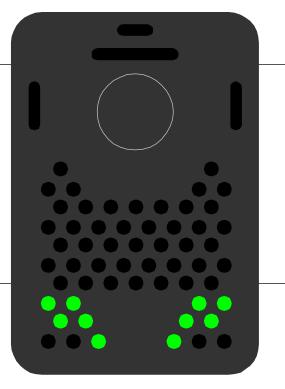


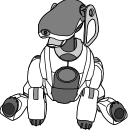














Home 1 2 3 4 5 6 7 8

1. AIBO's 6 basic expressions

Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.

Click on one of the small images below and you will see an enlarged version on the right.







Sad



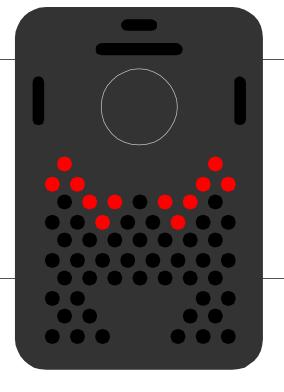
Furious



Afraid



Surprised





ERS-7



Home 1 2 3 4 5 6 7 8

1. AIBO's 6 basic expressions

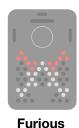
Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.

Click on one of the small images below and you will see an enlarged version on the right.





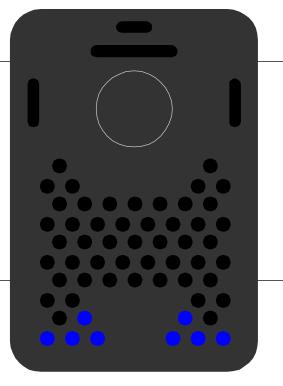


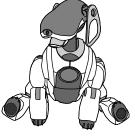














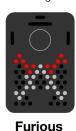
1. AIBO's 6 basic expressions

Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.





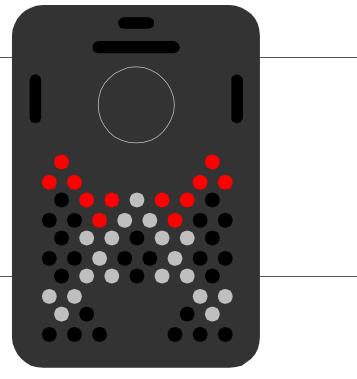


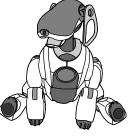












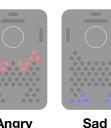


1. AIBO's 6 basic expressions

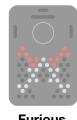
Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.











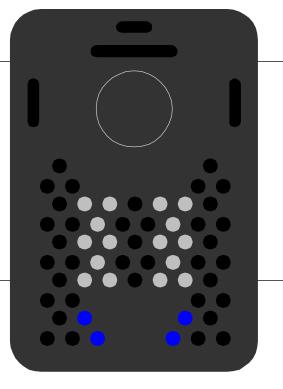


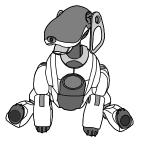


Afraid



Surprised







1. AIBO's 6 basic expressions

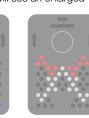
Regardless of its mood - happy, sad, angry, surprised, afraid or furious - AIBO is always ready to share it with you. Please click on one of these moods and you will see an enlarged picture of it on the right.







Sad



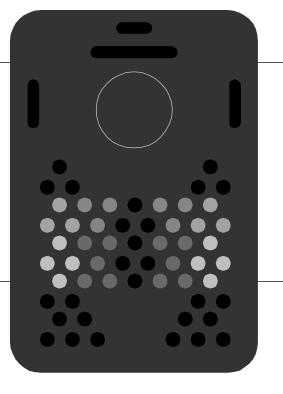
Furious

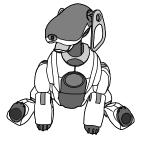


Afraid



Surprised



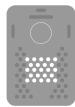


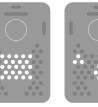


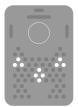
2. AIBO's general Illume-Face expressions

Using its eyes, AIBO is able to communicate a whole lot more than its basic moods. For example, AIBO can tell you when it sees its AIBOne, its pink ball or your face. Please click on one of these twelve expressions in order to find out what they are telling you.













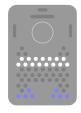




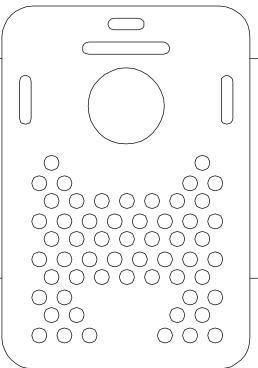


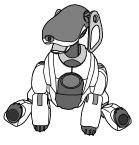








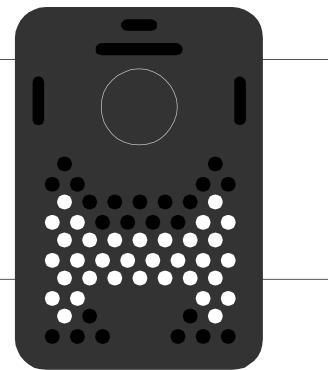






Home 1 2 3 4 5 6 7 8

The AIBOne has been detected.



Click on one of the small images below and you will see an enlarged version on the right.











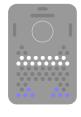




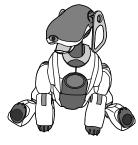








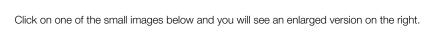


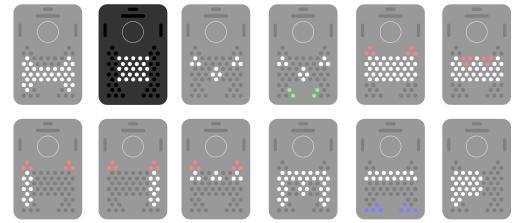


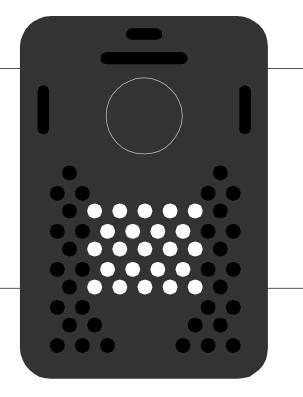


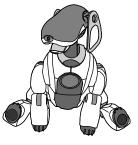
Home 1 2 3 4 5 6 7 8

The pink ball has been detected.





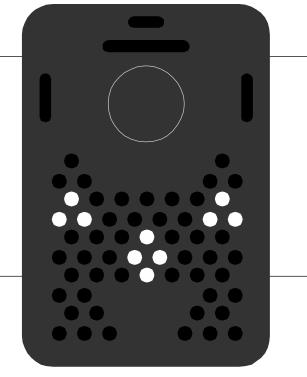






Home 1 2 3 4 5 6 7 8

A human face has been detected.



Click on one of the small images below and you will see an enlarged version on the right.













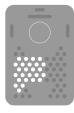


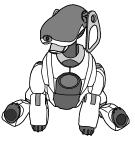










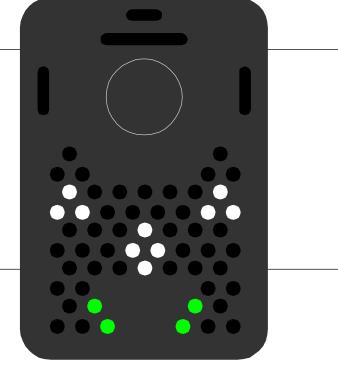


ERS-7



Home 1 2 3 4 5 6 7 8

The owner's face has been recognised.



Click on one of the small images below and you will see an enlarged version on the right.







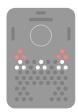








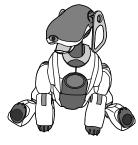








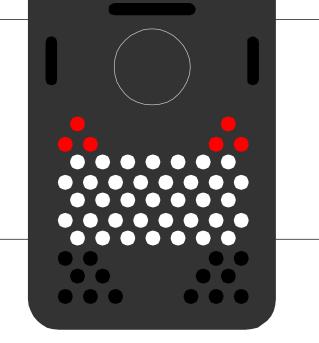




ERS-7



An obstacle has been detected by the head-mounted infrared distance sensor.

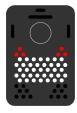
















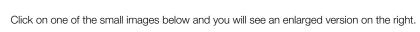


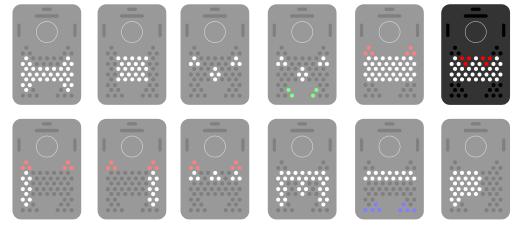


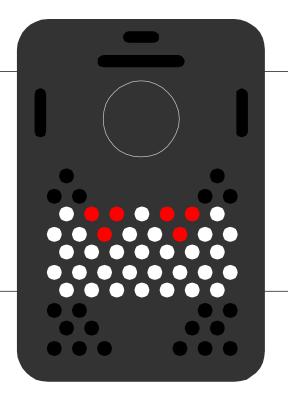


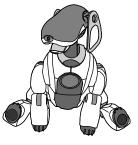
Home 1 2 3 4 5 6 7 8

An obstacle has been detected by the chest-mounted infrared distance sensor.











Home 1 2 3 4 5 6 7 8

An obstacle has been detected by the right legs (collision).

> whilst AIBO is tracking the AIBOne

Click on one of the small images below and you will see an enlarged version on the right.















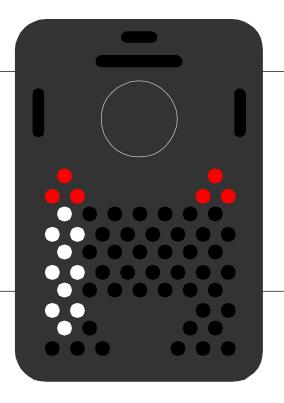


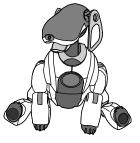














Home 1 2 3 4 5 6 7 8

An obstacle has been detected by the left legs (collision).

> whilst AIBO is tracking the ball

Click on one of the small images below and you will see an enlarged version on the right.















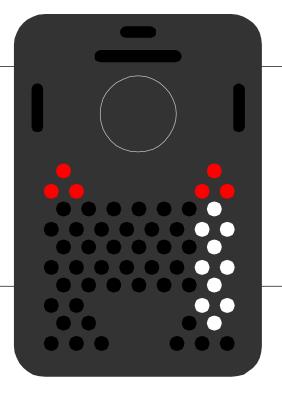


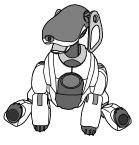














Home 1 2 3 4 5 6 7 8

An obstacle has been detected by the head (collision).

> whilst AIBO is tracking a face

Click on one of the small images below and you will see an enlarged version on the right.

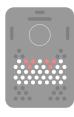






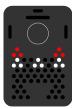








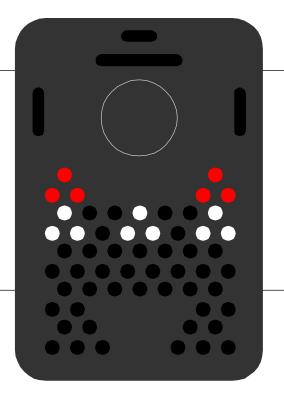


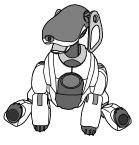










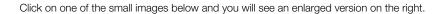


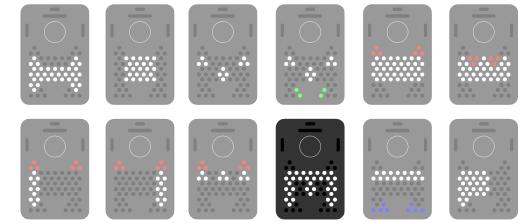


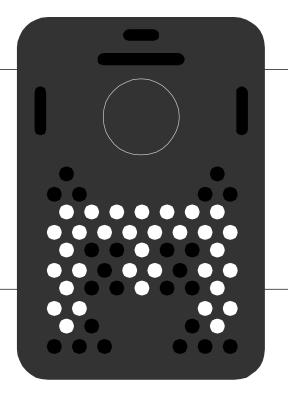
Home 1 2 3 4 5 6 7 8

A human hand has been detected.

> whilst AIBO is trying to shake hands





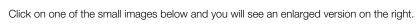


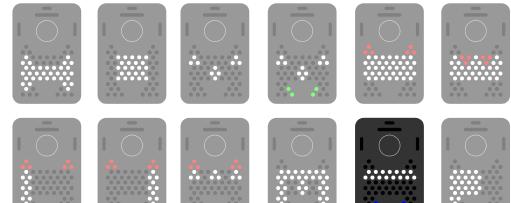


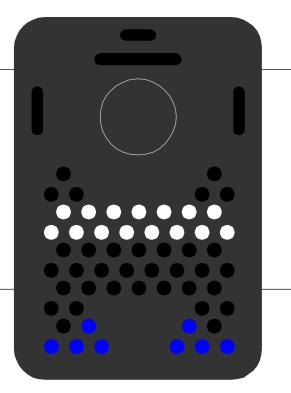


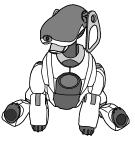
Home 1 2 3 4 5 6 7 8

A vertical drop has been detected by the chest distance sensor.







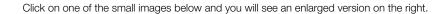


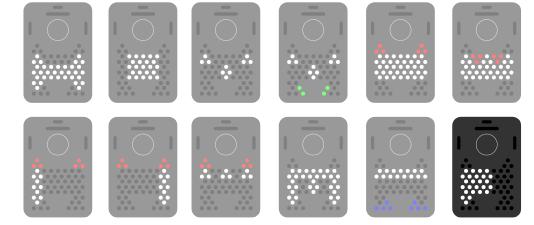


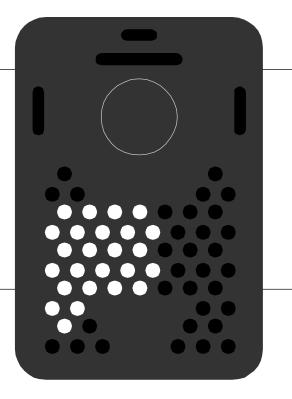
Home 1 2 3 4 5 6 7 8

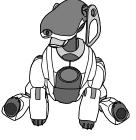
A pink object has been detected.

> whilst AIBO is tracking a pink item







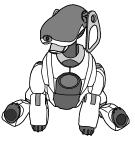




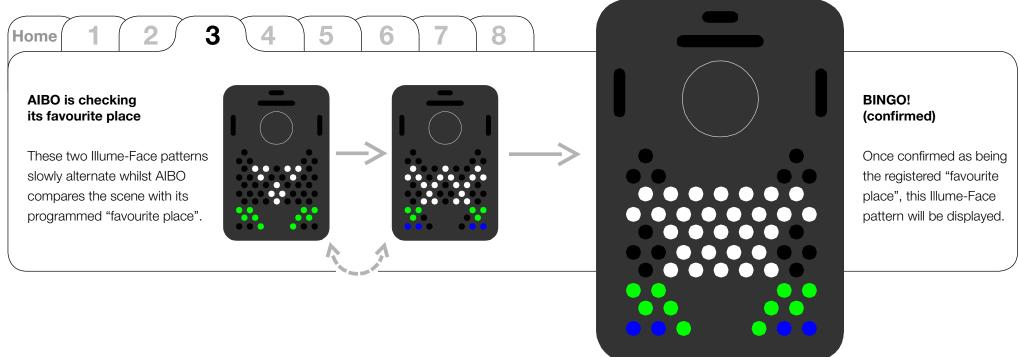
AlBO's favourites

AlBO certainly has its favourites and is willing to communicate about them. Find out how.

- > AIBO has detected its **favourite place**
- > AIBO has recognised its **favourite things**
- > AIBO has been touched by **you**





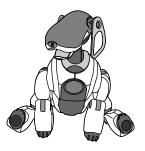


AIBO has detected its **favourite place**

AIBO has recognised its **favourite things**

AIBO has been touched by you

Note: The image of AIBO's "favourite place" can be viewed in the "AIBO PHOTO ALBUM". AIBO selects this favourite place randomly.

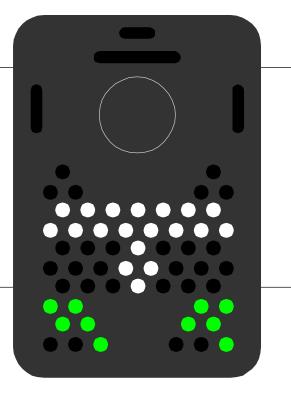




Home 1 2 3 4 5 6 7 8

The images of AIBO's favourite things can be viewed in the "AIBO PHOTO ALBUM". AIBO's 'favourite things' need to be programmed by the owner.

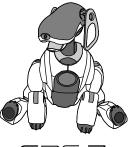
If AIBO detects one of the **programmed** 'favourite things', AIBO also says the object's name in its own tonal voice and raises its front paws.



AIBO has detected its **favourite place**

AIBO has recognised its **favourite things**

AIBO has been touched by **you**





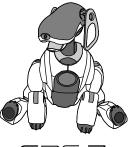
Home 1 2 3 4 5 6 7 8

The green LEDs flash twice slowly.

AIBO has detected its **favourite place**

AIBO has recognised its **favourite things**

AIBO has been touched by \boldsymbol{you}



€RS-7



Home 1 2 3 4 5 6 7 8

4. Energy Station search for self-charge

AIBO knows when its batteries are low and immediately looks for its Energy Station to recharge them. At all stages of the process AIBO will communicate with you: when it starts looking for the Energy Station, when it has found it, when it cannot find it or when it gives up searching for it.

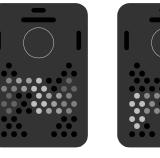


pole/marker (flashing slowly)

Potential problems:

the Energy Station (flashing slowly)





AIBO has given up searching for the Energy Station! (flashes once)



(flashes once)

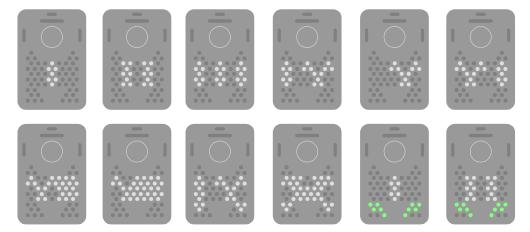


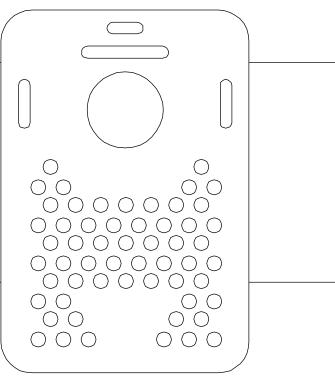
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.







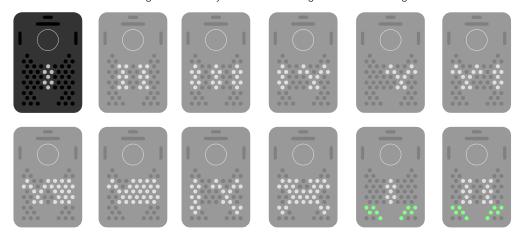


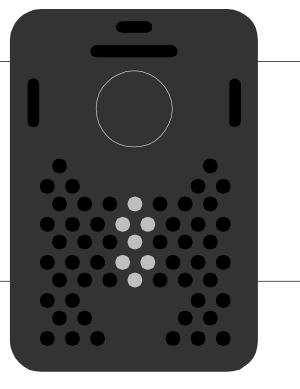
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





1:00:00



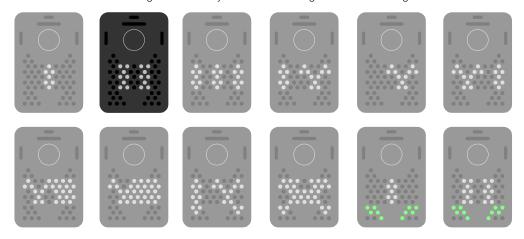


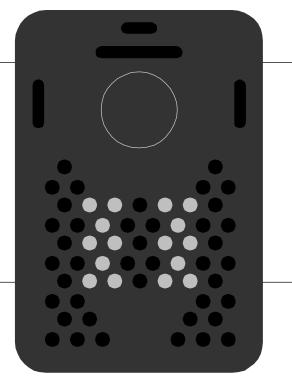
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





2:00:00



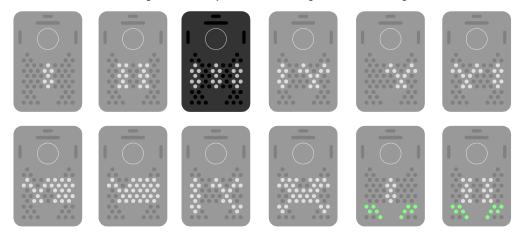


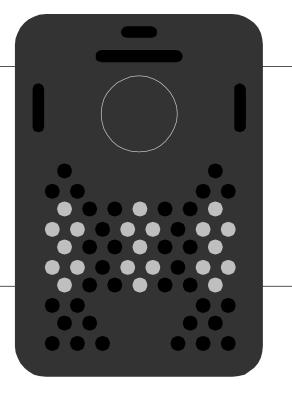
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





3:00:00



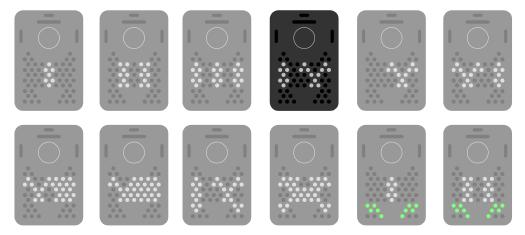


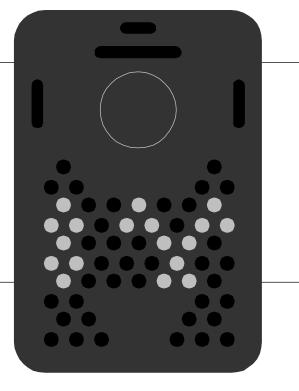
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





4:00:00



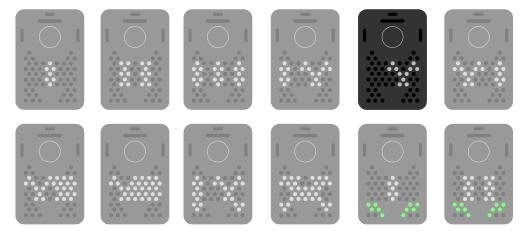


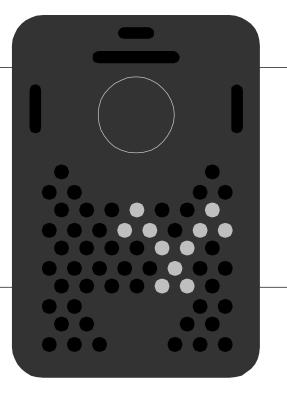
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





5:00:00



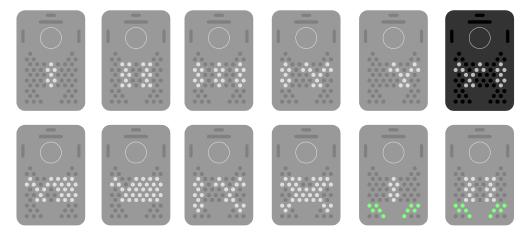


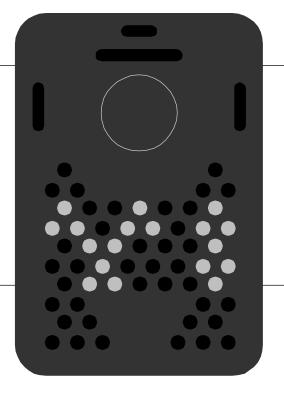
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





6:00:00



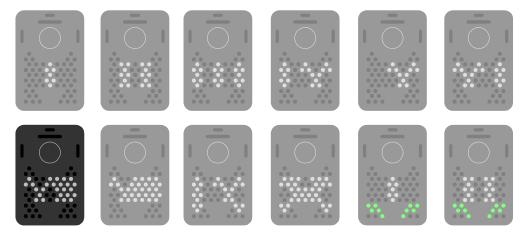


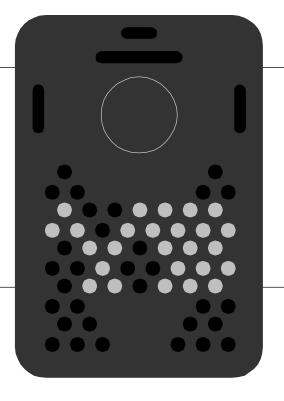
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





7:00:00



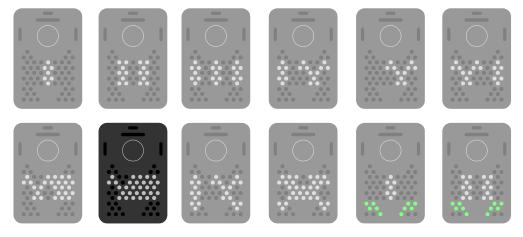


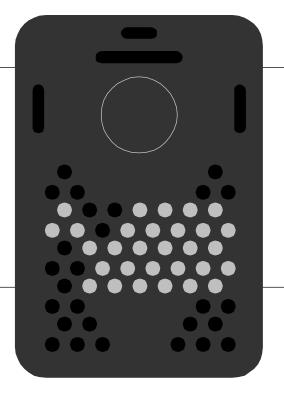
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





8:00:00



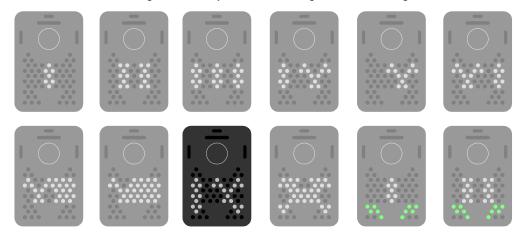


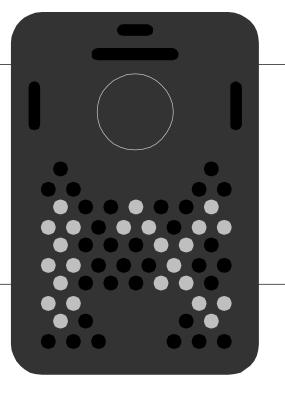
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





9:00:00



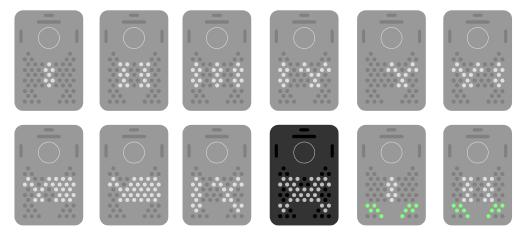


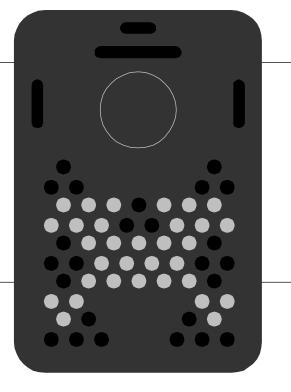
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

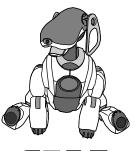
When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





10:00:00



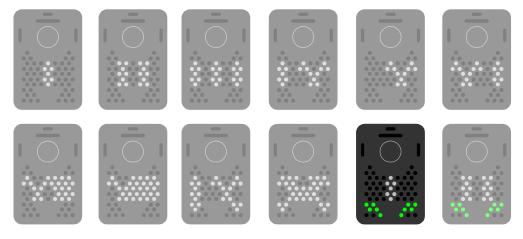


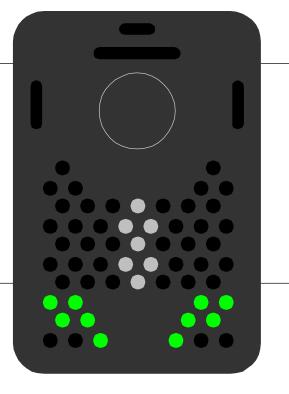
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





11:00:00



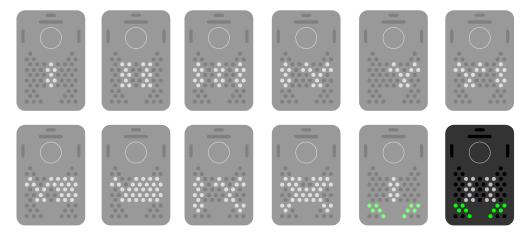


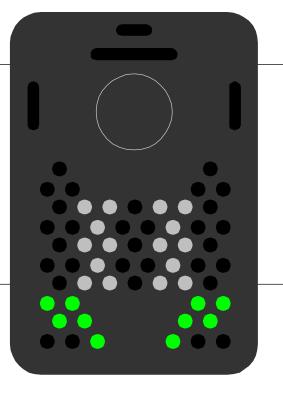
Home 1 2 3 4 5 6 7 8

5. Alarm clock indicator

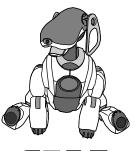
When sitting on its Energy Station, AIBO can sound a chime and make a movement to signal the hour and half hour (please see the user guide for setup instructions). The hourly alert chime is accompanied by an Illume-Face expression. The number of times the expression flashes is determined by the time. For example, at 3:00:00 pm the expression will flash three times; at 6:00:00 pm the expression will flash six times. Discover the full set of 'hourly alert' Illume-Face expressions by clicking below.

Click on one of the small images below and you will see an enlarged version on the right.





12:00:00



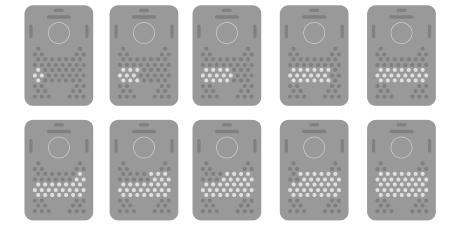


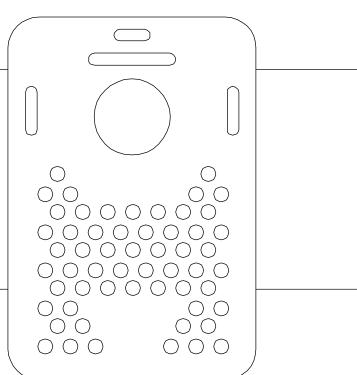
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.







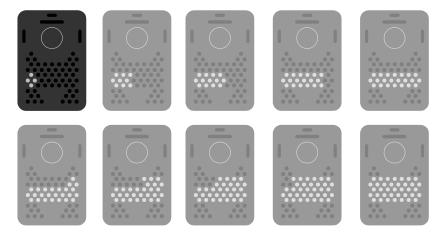


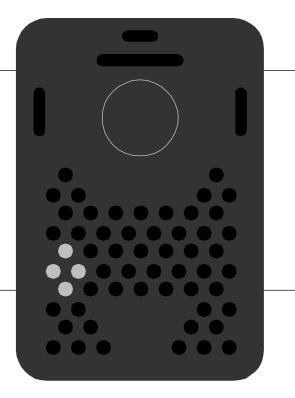
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 1



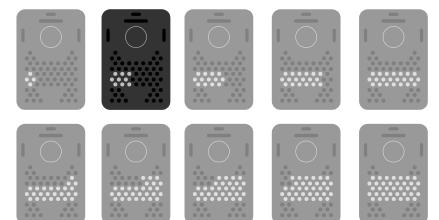


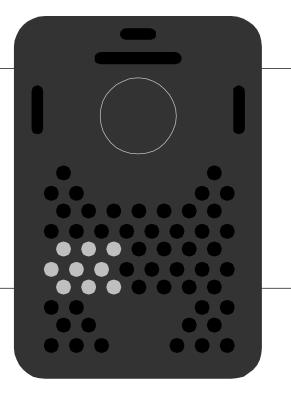
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 2



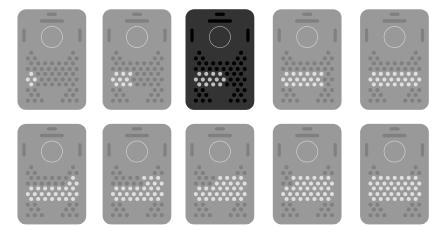


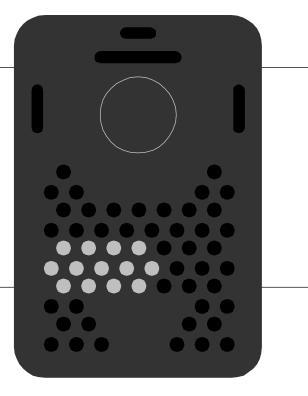
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 3



=RS-7

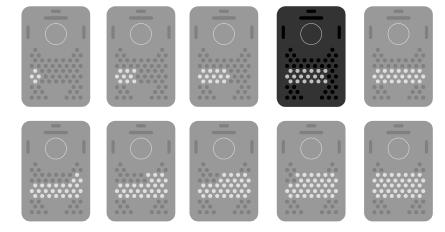


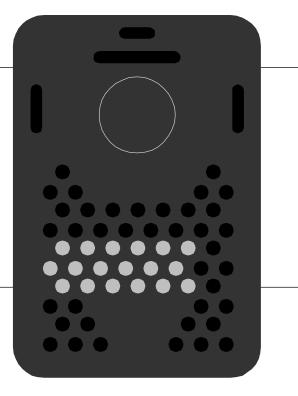
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 4



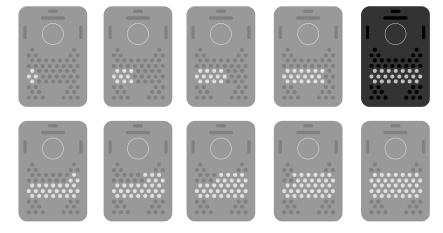


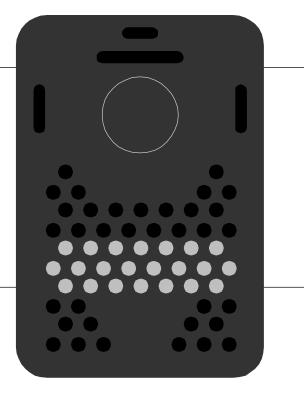
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

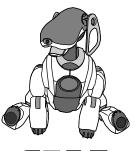
AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 5



ERS-7

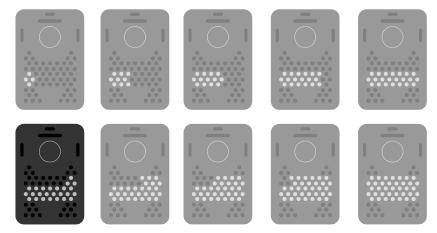


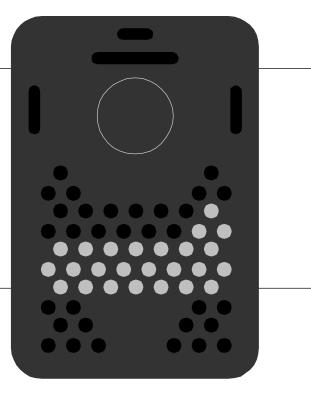
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

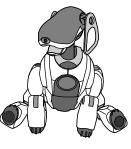
AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 6



=RS-7

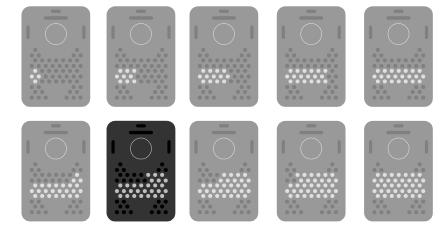


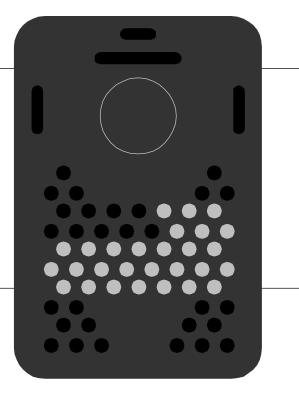
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 7



€RS-7

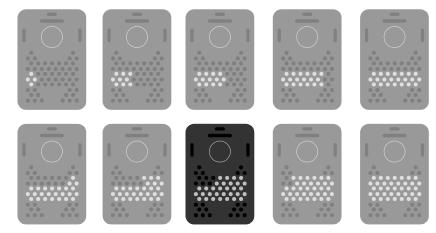


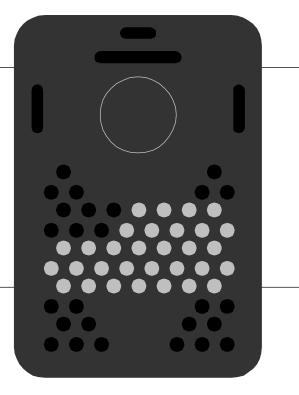
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 8



ERS-7

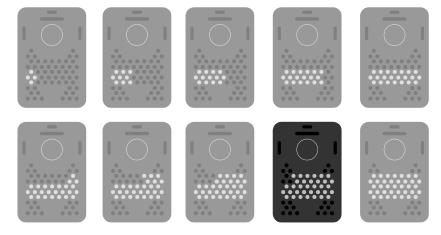


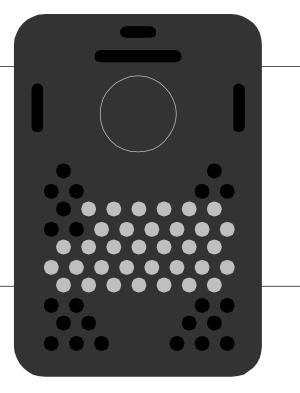
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

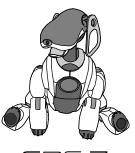
AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 9



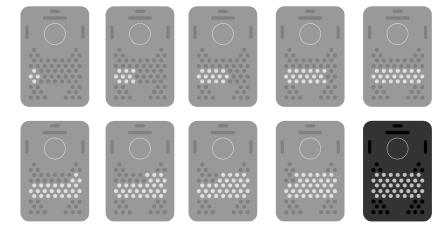


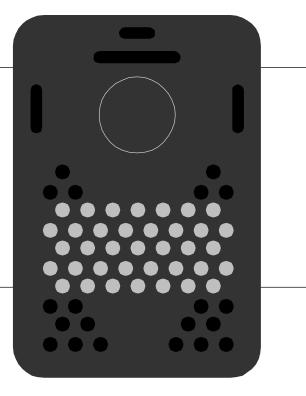
Home 1 2 3 4 5 6 7 8

6. Battery level indicator

AIBO is able to tell you its battery status through its LEDs. Learn how AIBO indicates its battery level.

Click on one of the small images below and you will see an enlarged version on the right side of the page.





level 10





Home

7. AIBO's modes

The LEDs next to AIBO's ears are there to communicate AIBO's mode. Each color has a different meaning, such as autonomous mode, game mode or repair mode. Discover the meaning of each colour.

Click on one of the small images below and you will see an enlarged version on the right.









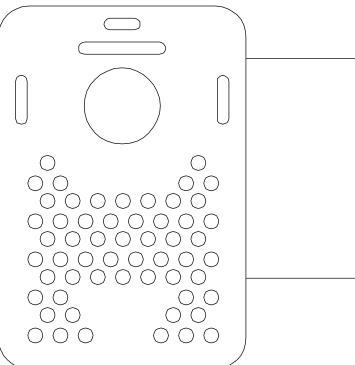








Red







Home

Blue ON: AEP connected (autonomous mode)

Blue flashing: AEP connected (remote mode)

Click on one of the small images below and you will see an enlarged version on the right.







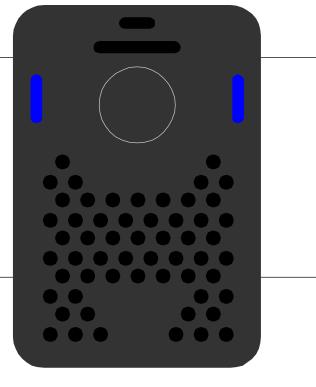


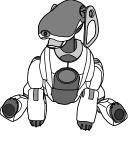
Green



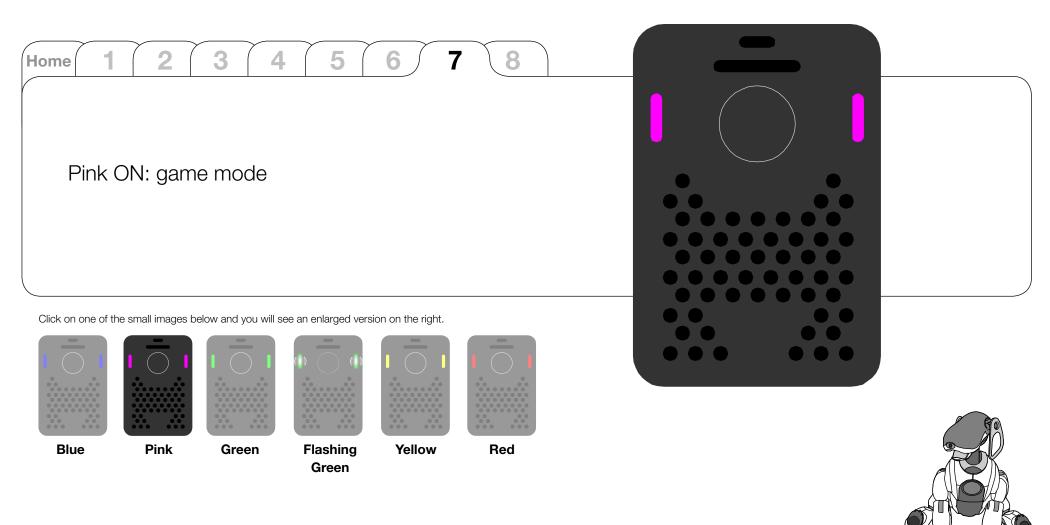




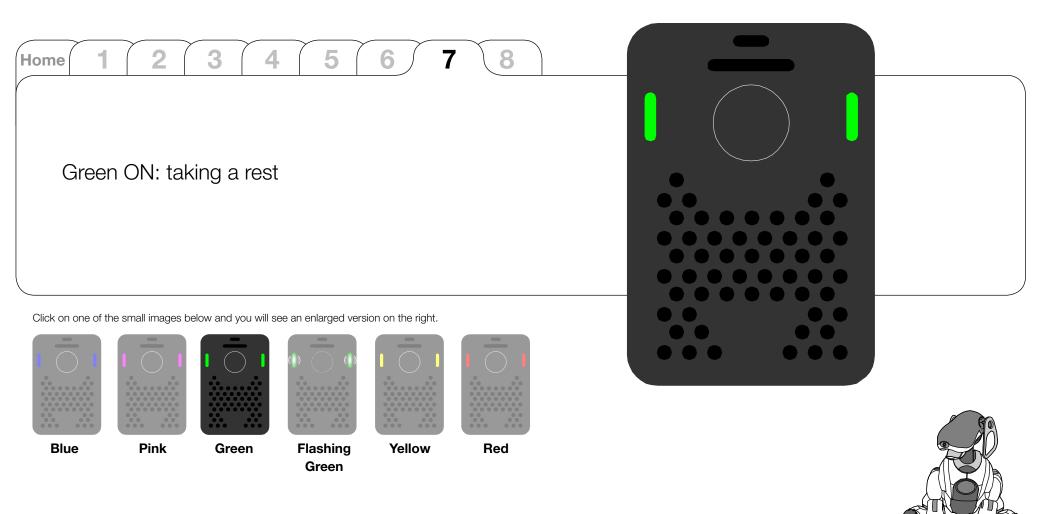












Blue

Pink

Green

Flashing

Green

Yellow



Home Green flashing slowly: pick-up mode Click on one of the small images below and you will see an enlarged version on the right.

Red



Blue

Pink

Green

Flashing

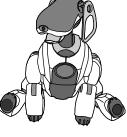
Green

Yellow



Home Yellow ON or yellow flashing: repair mode Click on one of the small images below and you will see an enlarged version on the right.

Red





Home

Red ON: alert mode (abnormal temperature)

Click on one of the small images below and you will see an enlarged version on the right.







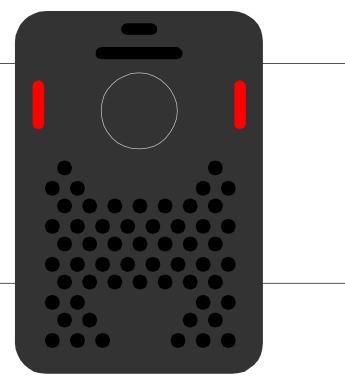


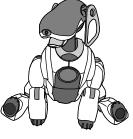
Green











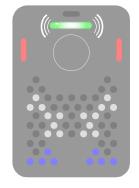


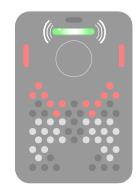
Home 1 2 3 4 5 6 7 8

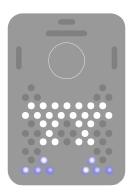
8. Emergency situations

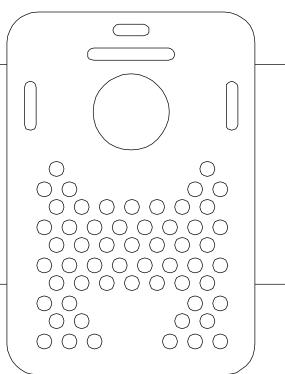
When an emergency occurs, AIBO will inform you immediately through its Illumine-Face: understand how AIBO communicates a jam, a technical overload or a position from which it cannot recover.

Click on one of the small images below and you will see an enlarged version on the right.











ERS-7



Home 1 2 3 4 5 6 7 8

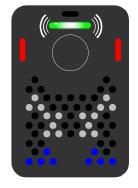
Jam mode

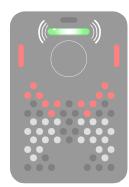
If an object has jammed one of the AIBO's joints,

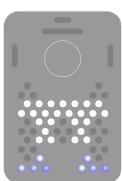
AIBO enters this mode and all of its joints release.

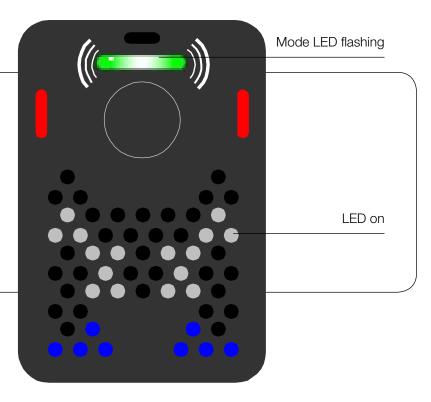
This mode is designed to protect your fingers from becoming caught in AIBO's joints.

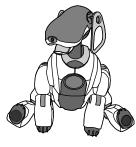
Click on one of the small images below and you will see an enlarged version on the right.











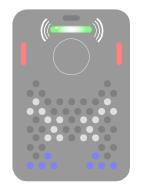


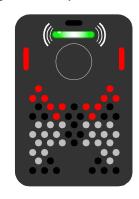
Home 1 2 3 4 5 6 7 8

Mechanical overload

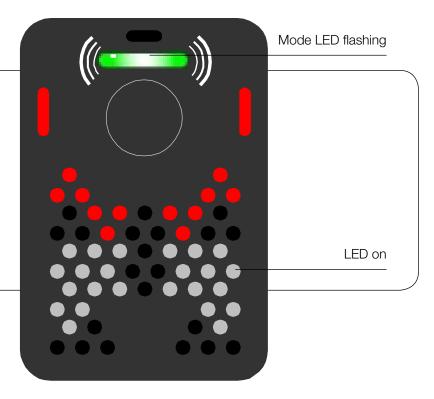
When AIBO that its movement or balance is being hindered by an outside force, AIBO cuts the power to its joints in order to avoid incurring any physical damage.

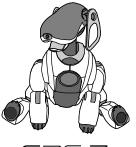
Click on one of the small images below and you will see an enlarged version on the right.











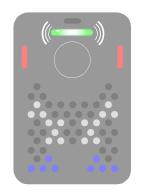


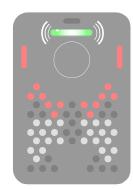
Home 1 2 3 4 5 6 7 8

Inability to stand up

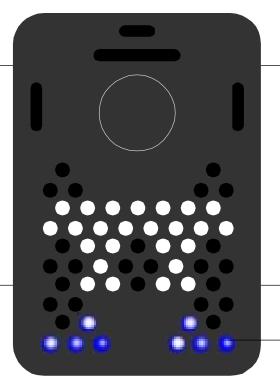
After three attempts, AIBO still cannot stand up.

Click on one of the small images below and you will see an enlarged version on the right.









LED flashing

