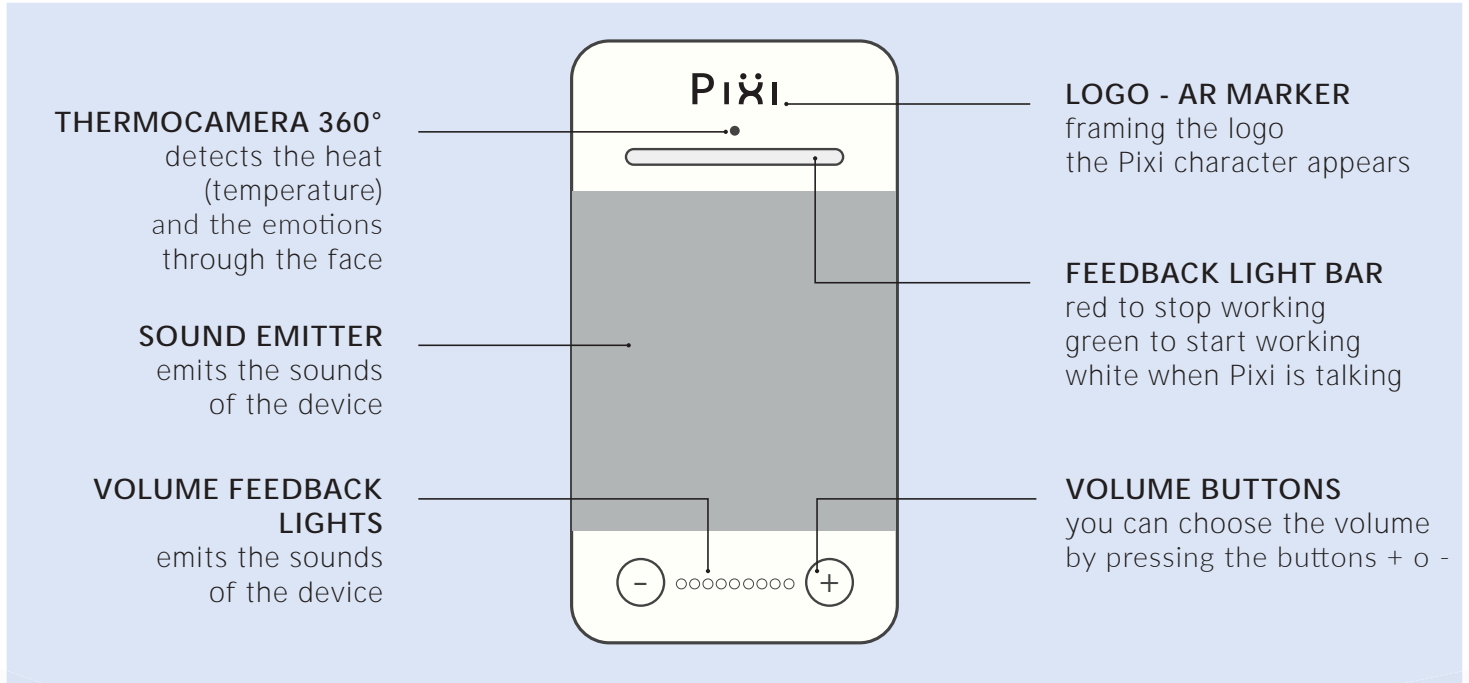


Pixi

AN EMOTIONAL FRIEND



Pixi is an Ai device completed of Machine Learning. Helps its lone worker to have a break during hard period at work. Pixi finds input from human, like foul language, vibration, facial expressions and so emotions. Pixi is therefore equipped with sensors like camera, microphone and vibrator. By these sensors, Pixi learns that with the lone workers' behaviours it must do in certain ways. For example: Pixi listens swear-words, sees corrugated eyebrows or other angry/sad micro or macro expressions, detects a strong vibrations on the desk which it stays, so this configuration produces an output from Pixi. This output may be different de-

pending on the lone worker using Pixi. In this part of the concept, Pixi uses machine learning: so It learns how to be with its user. Pixi can say something (with emotional sounds, not words), can vibrate, can turn on its bar light (white to talk, red to say "stop working", green to say "restart working"). When the light bar is red,



the user can also play with Pixi. The logo is a marker for AR, so if user frames the logo with smartphone, the Pixi's character appears. It's a fluffy and furry ball that plays with its lone worker and during this playful time, the user can recover his cognitive abilities, and so relax. After, the lone worker, if the light bar is green, can restart to work with other emotions and mood.

