



RAPACE

Weapon Adjustment by Analysis and Calibrated Correction

User Manual - 3.0.0



How to do it



- ① **Rapace** assembly
- ② Software
- ③ Connection
- ④ Admin: Add a user.
- ⑤ Admin: Add a weapon.
- ⑥ Admin: Assign a weapon to a user.
- ⑦ Adjusting a sighting device.
- ⑧ Save your setting in **Rapace**.
- ⑨ Find its setting in **Rapace**.
- ⑩ Advanced settings

1. Assembly



- ① Insert the gun barrel into the camera hole until it stops.
- ② Attach the weapon using the Picatinny clamps.
- ③ Place the light cartridge in the barrel chamber.

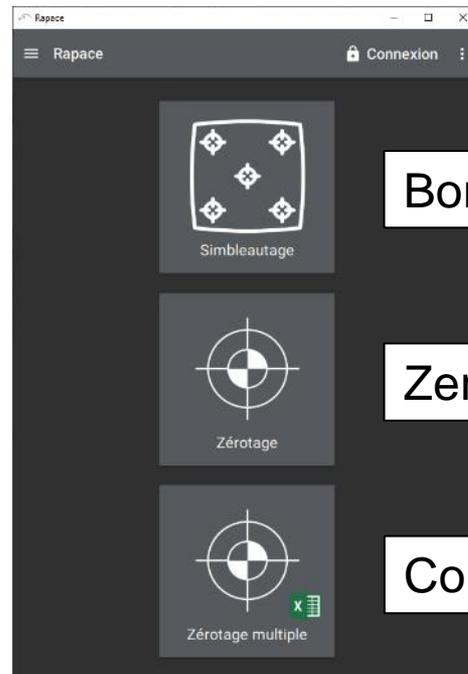


Check that no force is applied to the position * to avoid deformation of the barrel in relation to the scope
(*performance is not assured in this case*)

2. Software



- ④ Connect the USB C socket and the USB A socket to the tablet.
- ⑤ Launch the RAPACE software.



Boresighting function

Zeroing function

Collective function

3. Connection



- Login to your user account

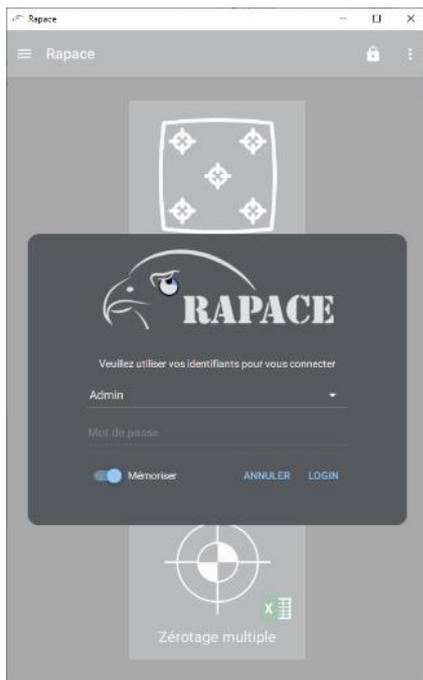


The administration by user account allows to assign weapons individually and to manage a large quantity of weapons easily.

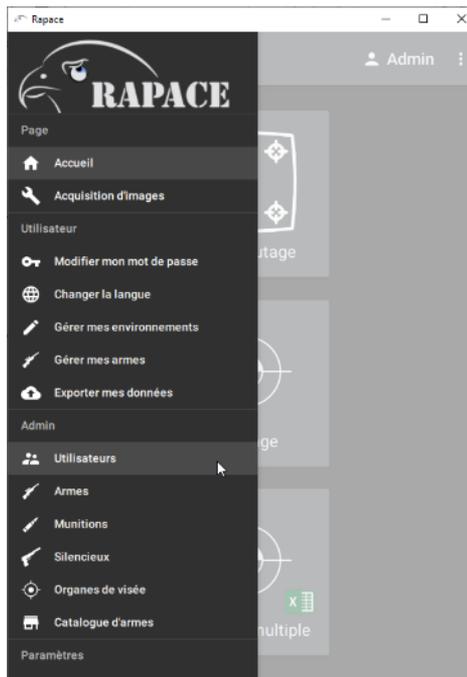
4. Admin : Add a user



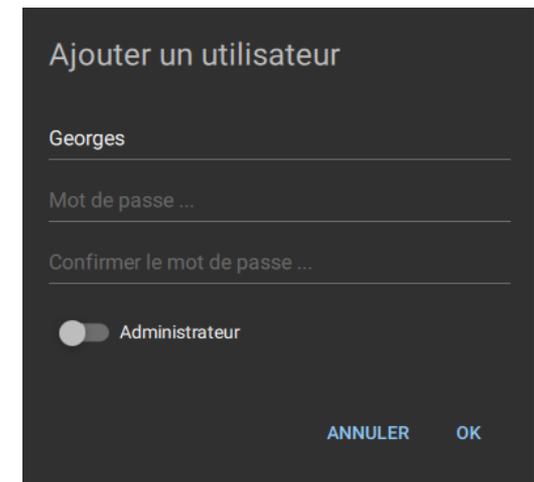
① Unlock **Rapace** by clicking on the action .



② Open the menu  and select "**Users.**"



③ Add a user by clicking on the icon.



The user must have the administrator role to manage the system users (by default the "Admin" user has no password).

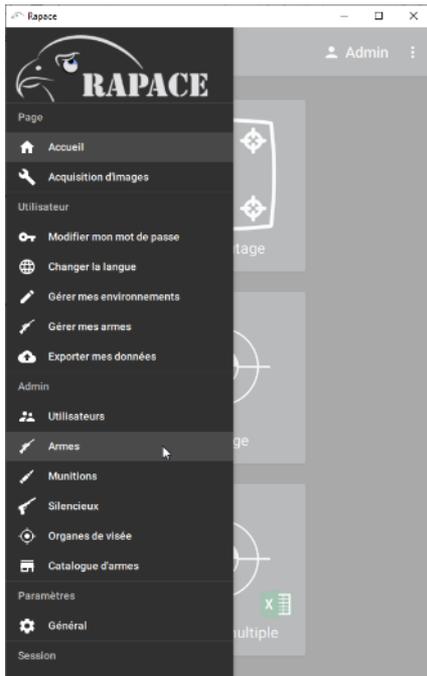


Entering a password is not mandatory.

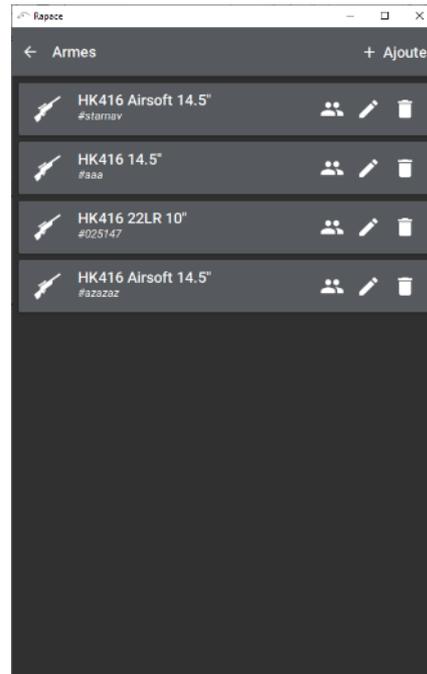
5. Admin : Add a weapon



① Open the menu  and select "**Weapons**".

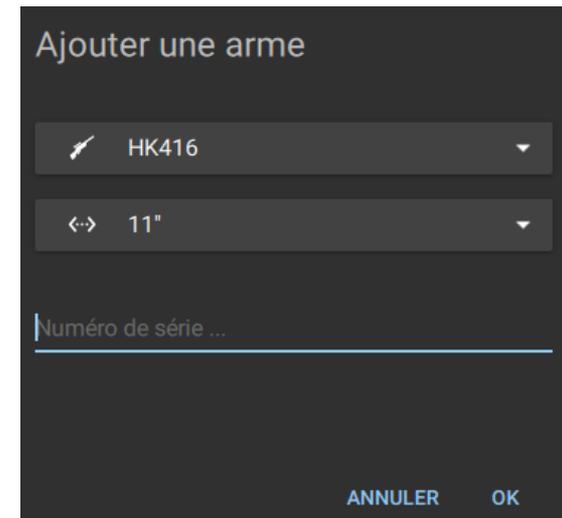


② Add a weapon by clicking on the icon. .



③ Inform :

- The type of weapon.
- The length of the barrel.
- The serial number.

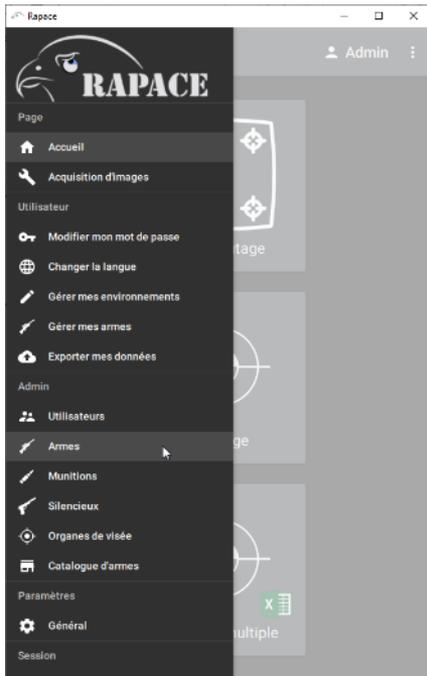


 The user must have the administrator role to manage the system weapons.

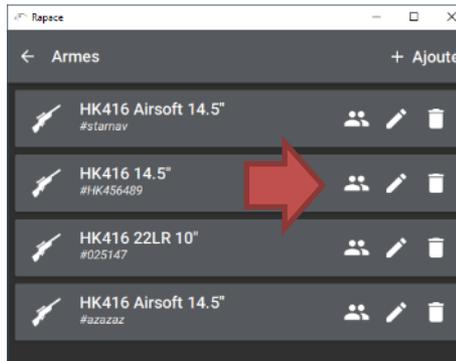
6. Admin: Assign a weapon



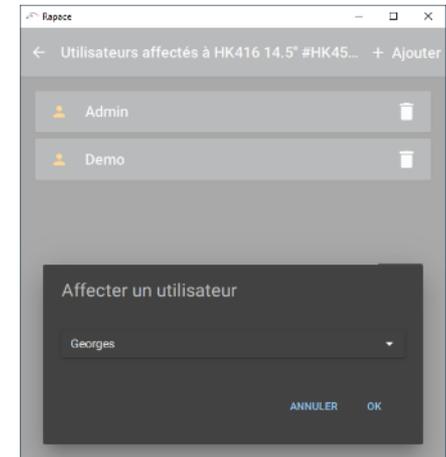
① Open the menu  and select **"Weapons"**.



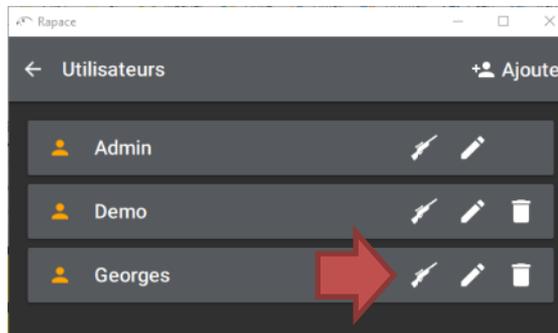
② Click on the icon.  ③ Click **+** and select the users to be assigned.



You can also assign a weapon in the "Users" menu.



The user must have the administrator role to maintain the assignments.



7. Adjusting a sighting device



The "**Boresight**" function allows *geometric (parallel) alignment* of the sight with the barrel axis.

This function is used for initial adjustment of the sight.



Sighting device
not adjusted.



Setting the sighting
device in **RAPACE**.

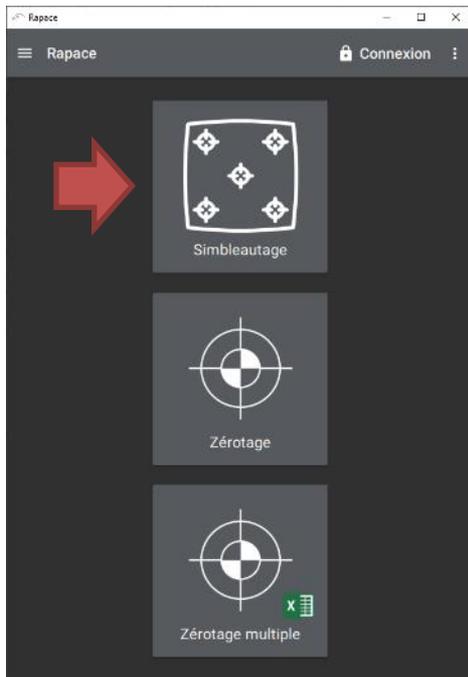


The impacts are
on target.

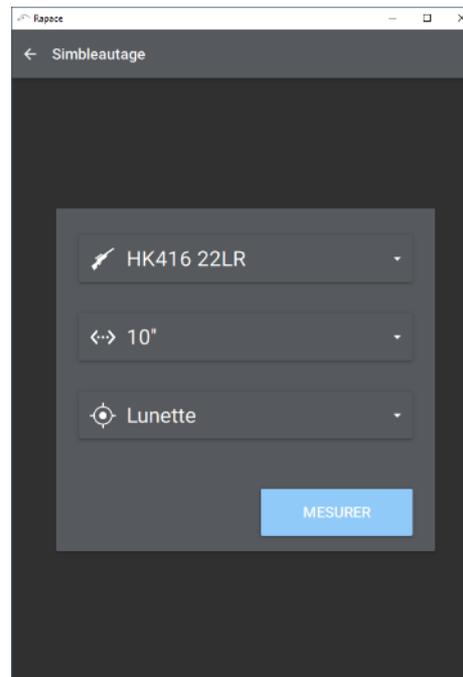
7. Adjusting a sighting device



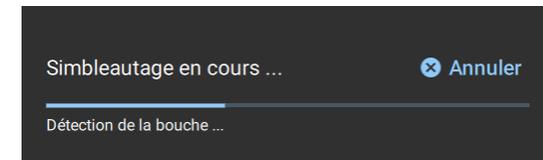
① Select the "**Boresight**" function.



② Select the type of weapon, barrel length and sight type.



③ Start the measurement



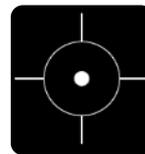
Make sure you do not move the weapon during the measurement.



Each sighting device has its own display.



Optic



Red Dot



Mechanics

7. Adjusting a sighting device



- ④ Align the crosshairs of the aiming device with the virtual target **Rapace**



the impacts are on target



When handling the sight, be careful not to alter the weapon - RAPACE link.

Please restart the measurement via the "Restart"  action to ensure nominal alignment.

- ⑤ Check the setting at the shooting range



the impacts are on target.

8. Save your settings



Once the "**Boresighting**" is done, you can fine-tune your aiming device at the shooting range. Once the adjustment is done, use the "**Zeroing**" function to save it.



Sighting device
via **Rapace**.



Fine tuning at the
shooting range.



Save the setting in
Rapace.



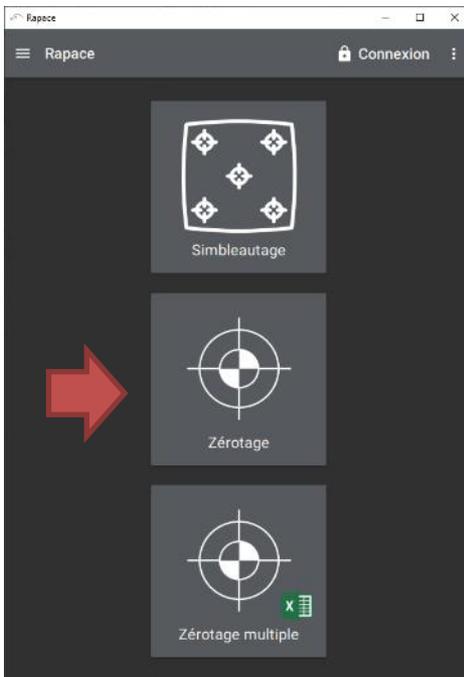
The **stored setting** corresponds to a **specific set of parameters** (user, weapon, sight type, ammunition, silencer and environment).

It is thus possible to save its settings according to a particular weapon, a type of ammunition or a specific environment (hot, cold area ...)

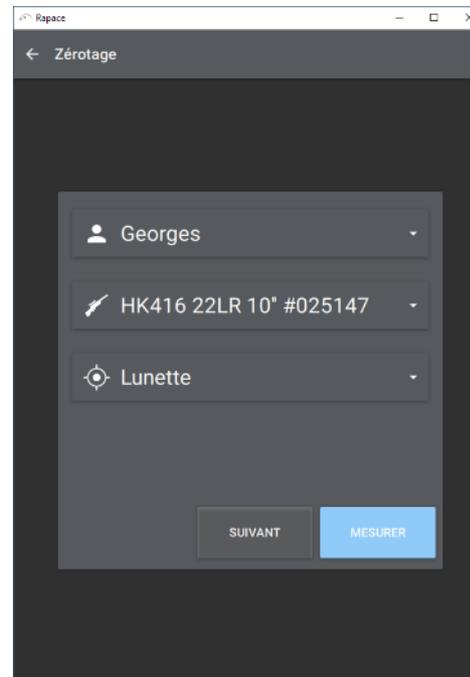
8. Save your settings



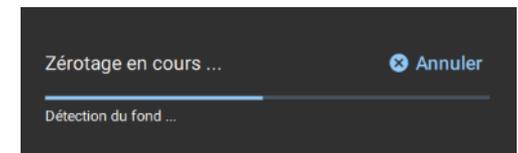
① Select the "**Zeroing**" function.



② Select the user, weapon and sight type (click next for more options).



③ Start the measurement



Make sure you do not move the weapon during the measurement.

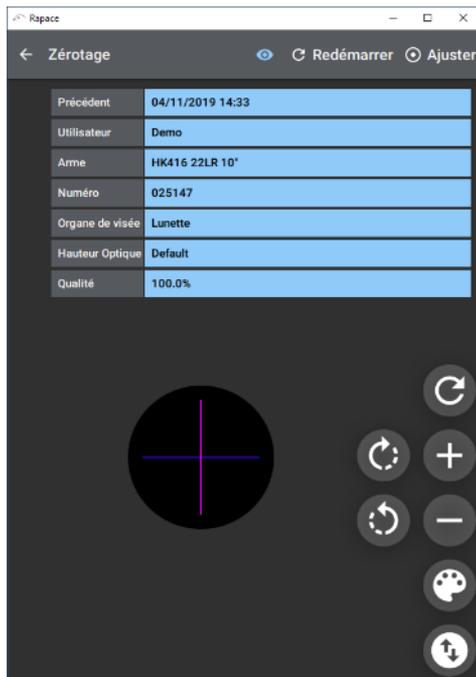


The advanced settings are described in part 10.

8. Save your settings



- ④ Align the **Rapace** reticle with the reticle of your sight
Use the "Adjust" action  to start the procedure.



Once the alignment is done, click on "Save". 

 You can move the **Rapace** crosshairs with the virtual joystick.

Rapace is also intended to work with a controller*.



 You must be logged into your account to change the setting.

9. Find your setting



 The "**Zeroing**" function allows you to *retrieve* a specific setting. It allows you to

- Have a reference setting at all times.
- Find its setting after « something happen » on the weapon.
- Use a collective weapon with precision.



Adjusted
sighting device.



Change of sighting
device.



Adjusting the sight in
Rapace using its settings.

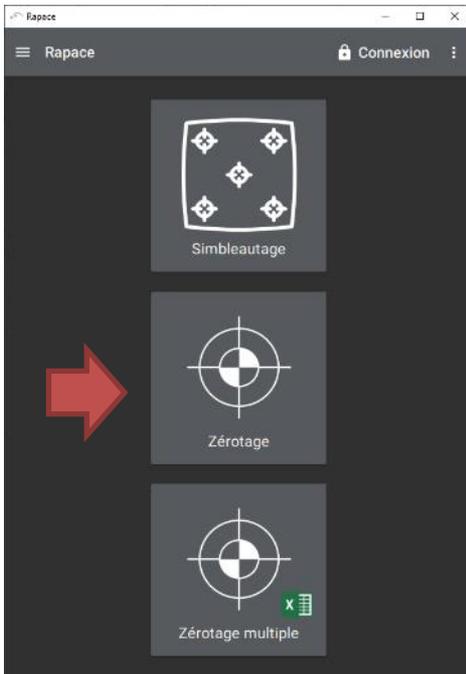


The accuracy is
assured (**0.1 mrad**).

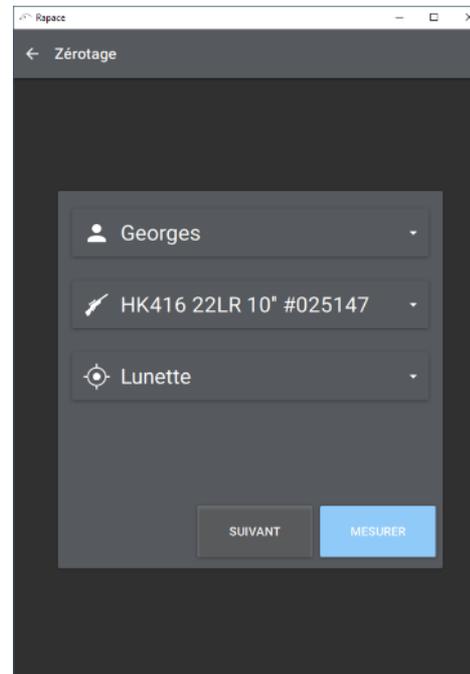
9. Find your setting



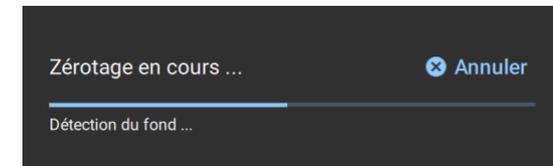
① Select the "**Zeroing**" function.



② Select the user, weapon and sight type.
(click on next for more options).



③ Start the measurement



Make sure you do not move the weapon during the measurement.

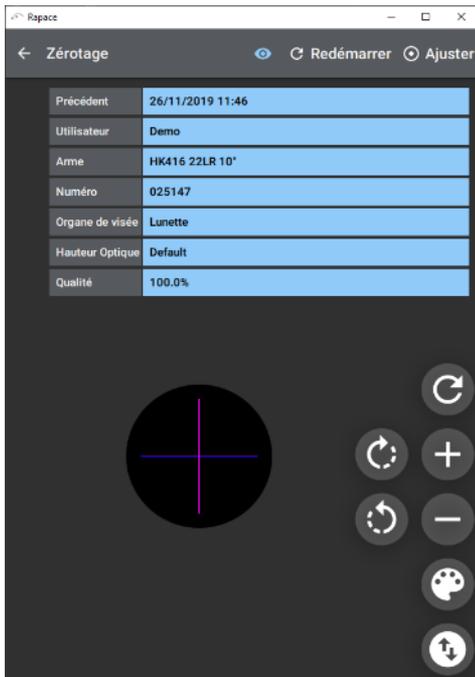


The advanced settings are described in part 10.

9. Find your setting



- ④ Align the crosshairs of the aiming device with the **Rapace** virtual target.
- ⑤ The weapon is set.



When handling the sight, be careful not to alter the weapon - RAPACE link.

Please restart the measurement via the "Restart"  action to ensure nominal alignment.



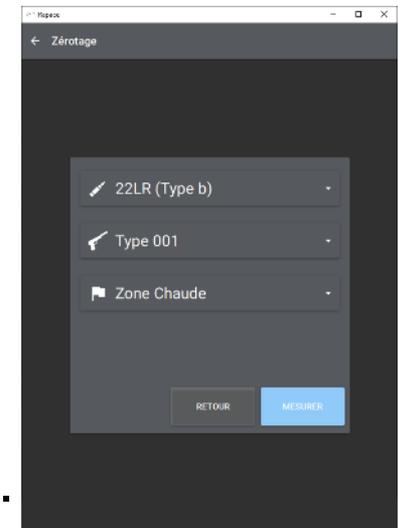
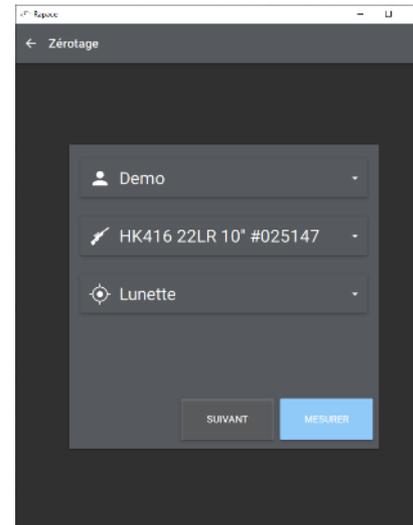
The date of the saved setting is displayed at the top.

10. Advanced settings



 The parameters of the **"zeroing"** function are as follows:

- Page 1
 - User
 - Weapon
 - Type of sighting device
- Page 2
 - Ammunition
 - Muffler
 - Environment



 Only the weapons assigned to the user are displayed.

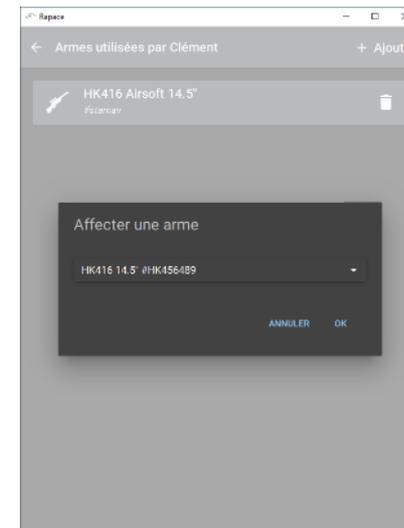
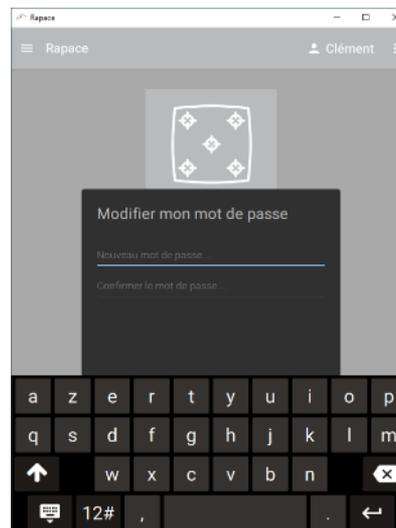
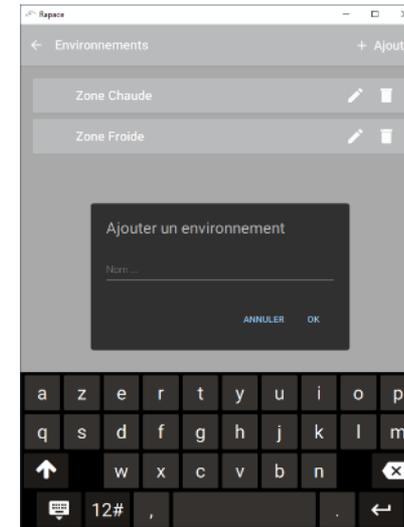
10. Advanced settings



Users can:

- Change their password.
- Change the display language.
- Manage their weapons.
- Manage their environments.

These actions are available in the menu 



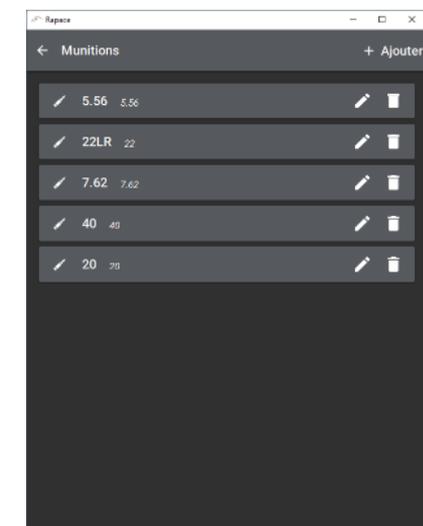
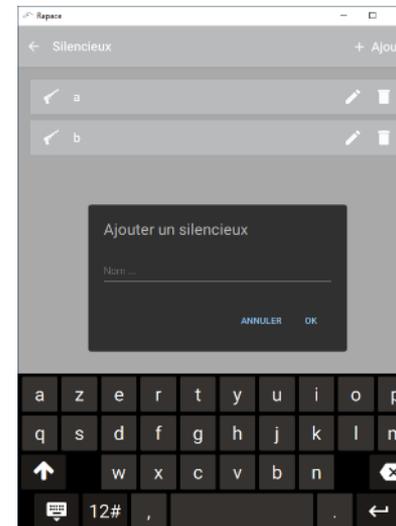
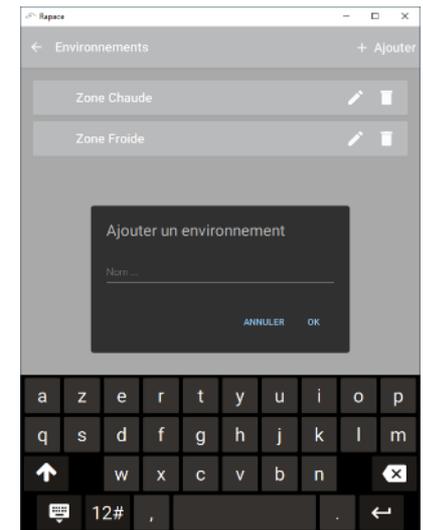
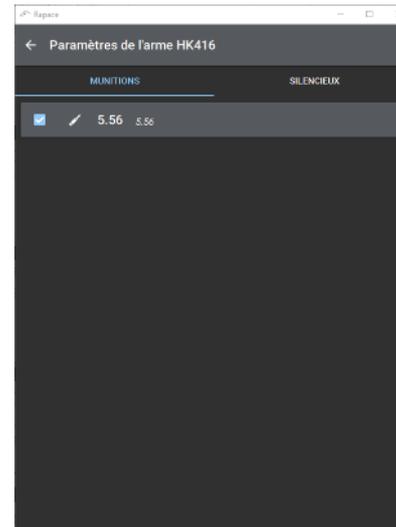
10. Advanced settings



Directors may:

- Edit users.
- Manage weapons.
- Manage ammunition.
- Manage silencers.
- Manage environments.
- Manage the weapon catalog (allows you to associate ammunition and silencers to a weapon type)

These actions are available in the menu . 



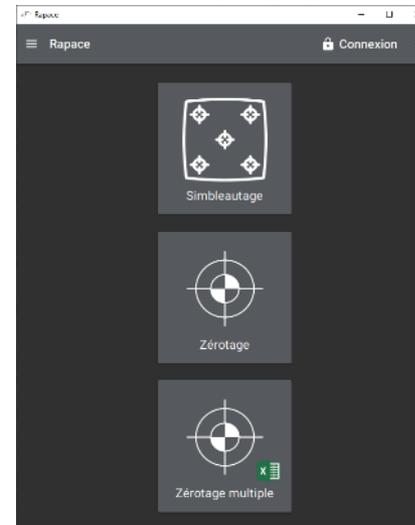
10. Advanced settings



The application settings are available in the menu . ☰

You can update :

- The display theme (light or dark).
- The virtual keyboard display.
- The zoom factor of the application display.





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