Boot a RHINO device into recovery

Android's recovery mode is a device-level tool built into most Android devices on the market. All RHINO devices can access recovery mode using the key combination Power + Volume up when the unit is powered off. Recovery can be used to reset a device back to factory settings, test hardware functions, and more.

Hardware key combination

- 1. Turn off the RHINO device
- 2. Hold Power + volume up together until the device vibrates.
- 3. The device will boot to a bootloader menu, use volume up to move between the options until **Recovery** is selected, then press volume down to confirm the selection.
- 4. The device will boot into recovery mode, and first shows a picture of the Android robot showing. Press power, then while holding, press volume up in quick succession. This may take a few attempts as it can be tricky to get the timing just right.
- 5. The recovery menu will appear.

NB: For step 4, holding the buttons down for too long will cause the device to reboot. The button combination need only be pressed for a moment.

ADB

- 1. Connect a powered-on RHINO device to your PC
- 2. Open the commandline utility
- 3. Run adb devices to confirm the RHINO device is present and authorised
- 4. Run adb reboot recovery
- 5. Follow steps 4 and 5 above

Notes:

- 1. The RHINO device must have <u>debugging</u> enabled, and the PC must already have <u>ADB set up</u> for this to work.
- 2. The K27p and DS have no physical volume keys for hardware key combination recovery mode.
- 3. The M10p requires the use of two SIM pins to depress the hidden power and volume buttons.