UEE

Unified Ease Erase

A Comprehensive Documentation on UEE

MODES OF
OPERATION

Basic Mode: One-click erase for general users with auto hardware detection and verification option

Advanced Mode: Full customization using config file, manual control via CLI/TUI, supports automation.

Android Mode: Automated data wipe and factory reset via ADB; supports multiple connected devices.

BASIC
MODE

```
                        BASIC MODE - Select Erase Method

    -> Write zeros
       Write ones
       Back

















After selecting, you'll confirm. WARNING: THIS IS DESTRUCTIVE.
```

Write Zeroes:
Use this when you want a fast, simple wipe.

1

1.The tool overwrites every sector with 0x00.
2. Previous data becomes unrecoverable
by normal tools.
3. Ideal for most HDDs/SSDs.
4. Best choice for quick, standard data clearing.

Write Ones:
Use this when you want a second wipe pattern or
avoid zero-fill optimization.

2

1.The tool overwrites every sector with
0xFF.
2. Old data is removed just like
zero-fill, but with a different pattern.
3. Useful for drives that compress or
optimize zeroes.
4. Good for users who want an
alternative clear method.

ADVANCED MODE

```
                          ADVANCED MODE - Config Editor

passes : 1
pattern: zeros
verify : False
post_action: none

-> Increase passes
   Decrease passes
   Toggle verify
   Cycle pattern
   Save config
   START ERASE
   Back

Edit and save to write uee_config.json.
```

1.Increase/Decrease Passes

Set how many times the drive is overwritten.
More passes = slower but stricter wipe.

2. Toggle Verify

After wiping, UEE checks the disk to confirm the pattern was written correctly.

3. Cycle Pattern

Switch between wipe

ANDROID MODE

```
                    Running Android Wipe Script...

Preparing android_wipe.sh...
Script created.
Starting: /bin/bash android_wipe.sh
---
Checking for connected devices...
No devices detected. Connect at least one device via USB.
If using normal Android mode, enable Developer Options and USB Debugging.

















Script finished. Press any key to return.
```

* Connect your Android device to the computer using USB.
* UEE automatically detects the device through ADB.
* No manual actions needed on the phone once authorized.
* Performs a full data wipe, including internal storage and app data.
* Designed for zero-touch bulk wiping of multiple phones

WHAT IS THE CONFIGURATION FILE?

- A single file (uee_config.json) that stores all advanced wipe settings.

- Controls passes, patterns, verification, and post-erase actions.

- Same file works on Windows, Linux, Android (ADB), and the Live ISO.

- Easily shareable for automation and bulk operations.

Warnings:

- Erasing is permanent. Once a wipe starts, data cannot be recovered.

- Always double-check the selected drive before starting.

- Do not interrupt power or remove the device during wiping.

- Using high pass counts will significantly increase wipe time.