

Unitree G1 — Unbox & Boot-Up

The safe start-up sequence for your humanoid · one page, keep it with the case

POWERED BY
Magnus Technologies

EMERGENCY STOP — hold L2 + B 5 s (damping) OR double-click START

Either way the robot goes limp and lowers · a second person guides it down. In Dance Mode, use double-click START.

1 · WHAT'S IN THE CASE

Robot (folded) · battery (packed separately) · charger · cables · user manual · remote (joysticks ship detached — screw on clockwise until tight) · model-dependent spare hands. Lay the case flat, front-side up.

2 · LIFT OUT — TWO PEOPLE, POWERED OFF

Person A takes the **legs**, Person B takes the **arms at the wrists** — A pulls first, B second.
Lay it flat, face-up on the ground, pelvis square. Keep hands off the hip and knee joints — pinch hazard.

3 · BOOT UP — LAY-FLAT START (THE DEFAULT)

- 1 Battery in → power on.** Slide to the click, switch facing the robot's back. Short press, then long press (2+ s).
- 2 Wait ~1 minute.** Limbs go limp — that is normal (zero-torque). Indicator: slow blue = booting, colour change = ready.
- 3 Damping — L2 + B .** The safe state. Lift an arm to check: it should now resist you. Never skip this.
- 4 Stand up — L2 + X (Lie → Stand).** From flat the robot rises on its own; a spotter stays within arm's reach.
- 5 Walk — R1 + X .** Click START = stand in place; the sticks now drive it. Low speed: double-click L2 (always for demos).
- 6 Function check** away from any crowd — a few steps, look around, one wave (SELECT + Y). All good → go.

Chair start (alternative): power on → L2 + B damping → L2 + ↑ Locked Standing. Buttons follow the card printed on your remote — it is the authority.

4 · SAFETY MUST-KNOWS

- **Two people, always** when powered — one operates, one spots with a hand ready.
- **Never leave it standing** — a standing robot that loses power falls. Keep a spotter within arm's reach.
- **Never power off while standing** — sit or squat it first, then damping, then power off.
- Keep ≥ **2 m** clear of people/obstacles. Flat, dry, non-slip floor only — not waterproof, not dustproof.
- **Charge the battery out of the robot, switched off** — never a hot battery. A swollen battery is scrap; isolate it.

5 · SHUT DOWN & REPACK

Click **START** to stop stepping → **L2 + ↓** Seated (or **L2 + A** Squat on the floor), assisting by hand → **L2 + B** damping → power off (short press, long press) → battery out → two-person repack, **head in first**.

If anything ever looks wrong: hold L2 + B (or double-click START) → sit it down → power off → contact Magnus.