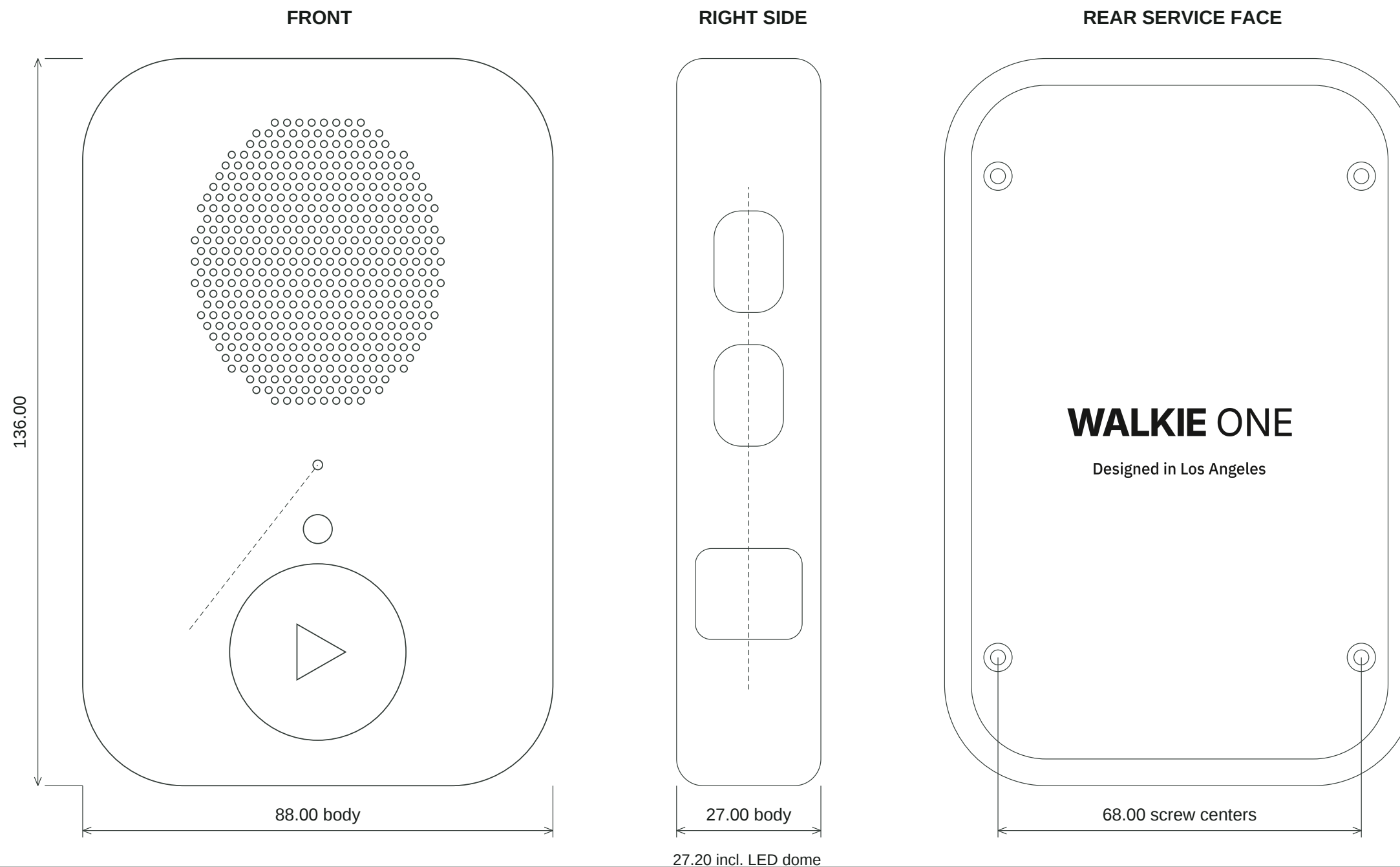


WALKIE ONE 02.2 | SILICONE MONOLITH

R9 / 04 SEP 2026 / Prototype DFM and fit review / Dimensions in mm / STEP controls geometry



CONTROLLED FEATURES

Body 88 W x 136 H x 27.0 D

Side-key envelope 88.6 W max

Outer corners R19; face edges R5

Face wall 1.6; side wall 2.6

Silicone skin 1.0 nominal

Dish 1.1 deep; membrane 0.8

FRONT FEATURE CENTERS

Coordinates relative to body center

Grille: X0, Y30; 48 x 56 field

453 holes, diameter 1.30

Pitch X2.30, row Y2.00, staggered

Action: dia 33, X0 Y-43.00

LED: X0, Y-20.00; hole 5.40

Mic: X0, Y-8.00; hole 1.80

Mic/light centers 12.00 apart

Dashed line = hidden mic duct

Duct 2.4 wide x 1.0 deep

Play bottom margin 8.50

Light/play edge gap 3.80

FASTENERS AND PORT

4 x M2.5 x 8 proposed screws

Centers X ± 34 ; Y -44 and +46

Bores 2.80; counterbores 5.30

Outer USB Y-32.139, Z0

Outer well 17 Y x 20 Z; R3

Inner 15 Y x 10 Z at Z-4.740

Cable 14 Y x 9 Z with R2.5 corners

Verify actual cable fully seats

PROPOSED TOLERANCES

Rigid general +/-0.20

Finished critical fits +/-0.10

Silicone general +/-0.30

RPS must confirm achievable fits

REAR MARKINGS

Logo 42 W at X0 Y0

Copy below logo 32 W at Y-9

Deboss 0.15; Carbon fill

Outlined SVG controls lettering

THICKNESS BASIS

PCB: 9.50; battery body: 7.00 plus 1.40 protection detail. Components are rigidly placed without scaling.

At the battery: PCB-to-tray gap 0.30, tray floor 0.80, foam 0.20, battery envelope 8.40, front clearance 1.00.

27.00 is the selected thin prototype configuration. Cable routing, swelling and tolerance accumulation require physical confirmation.

Orthographic reference schematics; not a full GD&T or tool-design drawing. Do not scale this sheet.