

The LED poster that folds in half.

A free-standing 640 × 1,920 mm LED poster screen on wheels. It folds to 1,090 mm for the van or the lift, locks open with a latch, and plays from a USB stick, a phone app or HDMI the moment it is plugged in. Four pixel pitches from 2.5 mm to 1.25 mm. One unit, or several joined edge to edge into a larger screen.



A portrait LED screen you can move in a car.

The Dynamo Foldable LED Poster is a self-contained LED poster: a 640 × 1,920 mm display, 7:21 portrait, built into a 6063 aluminium cabinet 650 mm wide, 2,050 mm high and 45 mm deep, standing on a base with four swivel wheels. It weighs 42.5 kg. The power supply sits in the base, separate from the display, which keeps the screen cooler.

The cabinet hinges at mid-height. Folded, the poster is 1,090 mm high and 100 mm thick, a size that goes through a doorway, into a lift or across the back seat of a car. Opened, a hawk lock and a latch pull the two halves flat to within 0.1 mm and the join disappears.

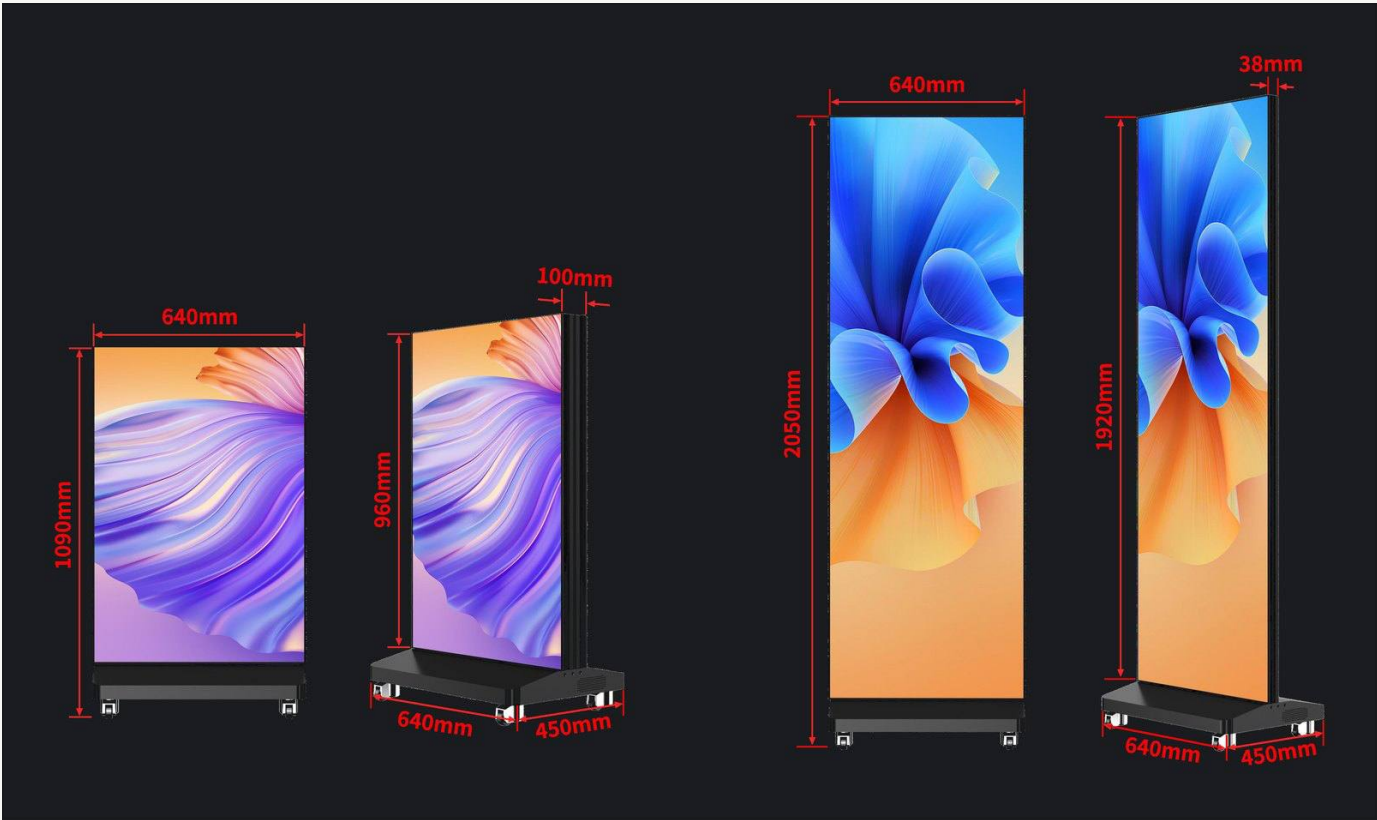
The LED modules are SMD 3-in-1, 320 × 160 mm, twenty-four per poster, screw-fixed, with a GOB resin face that resists scratches, knocks, splashes and damp (IP54). Brightness is 500 to 800 cd/m², which suits a lobby, a shop floor or a stage indoors; it is not a window display for direct sun.

It plays on its own. A USB stick, Wi-Fi or the network port is standard, with HDMI and 4G as options; content goes on from a phone app in one tap, and the screen also runs as a synchronous display from a laptop or a camera feed. Two 10 W speakers are built in. Several posters join edge to edge with magnetic edge wrapping and positioning pins into one wider screen.

No installation. No technician, no computer, no internet needed. Wheel it in, open it, plug it in, play.

42.5 kg

net weight of one poster, 640 × 1,920 mm of display in a cabinet 45 mm deep that folds to 1,090 mm high.



Left: folded, 640 mm wide, 1,090 mm high, 100 mm thick. Right: open, 2,050 mm high on the base, 38 mm cabinet. Manufacturer's drawing.

FOLDED



SIDE



OPEN



The hinge at mid-height, the 38 mm cabinet on edge, and the poster open with content. Manufacturer's renders.

Fold. Wheel. Open. Plug in.

- 01 · FOLD

The cabinet hinges at mid-height to 640 × 1,090 × 100 mm. Magnetic edge wrapping on the folding edge is what lines two posters up when they are joined.
- 02 · WHEEL

Four swivel wheels on the base. The poster rolls across a floor on its base; at 42.5 kg it travels folded in a car, a van or its flight case.
- 03 · OPEN AND LOCK

Open the poster and the hawk lock and latch pull the halves flat. Positioning pins keep the face flush to within 0.1 mm, so the join is not visible when the screen is on.
- 04 · PLUG IN

One mains lead, 100 to 240 V. The poster starts playing the content loaded on it; no computer, no network and no technician are needed.
- 05 · JOIN

For a wider screen, posters stand edge to edge. The magnetic edges and pins line them up and HDMI content splices across the units automatically.

FLIGHT CASES

- CASE FOR ONE POSTER, FOLDED
- CASE FOR TWO POSTERS, FOLDED: 135 × 67 × 87 CM, 145 KG
- SOLD SEPARATELY; RECOMMENDED FOR HIRE STOCK AND TOURING EVENTS



Open on its base with the mains lead in: the whole installation.
Manufacturer's render.

THE DETAILS THAT MAKE IT WORK

MAGNETIC EDGE



CONNECTION PANEL IN THE BASE



Left: the magnetic edge that lines up two posters for splicing. Right: the recessed connection panel in the base: mains in and out, network, USB and HDMI. Manufacturer's renders.



REAR

The 6063 aluminium cabinet from behind: screw-fixed modules, the hinge line, and the power supply down in the base rather than behind the LEDs, which keeps the display cooler and the cabinet 38 to 45 mm thin.

Module faces are GOB, a resin layer over the LEDs, so the front survives knocks, scratches and splashes between venues (IP54).

Manufacturer's render.

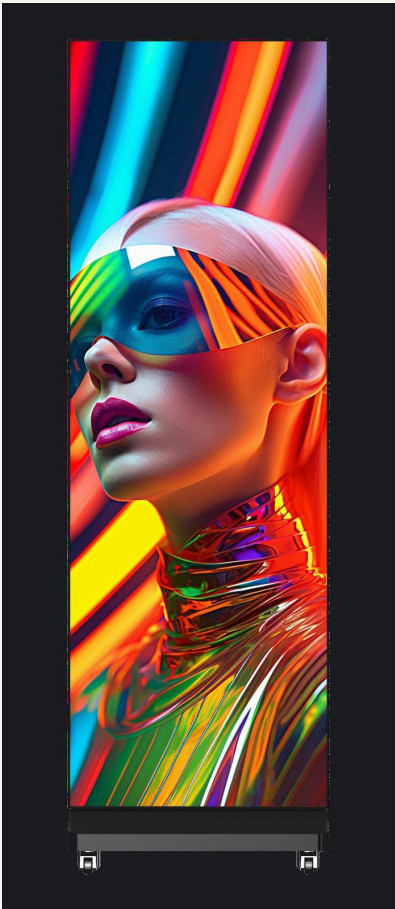
From a phone, a stick or a live feed.

STAND - ALONE	Load a playlist on a USB stick or send it from the phone app over Wi-Fi. The poster loops it on its own, with no network needed on site.
LIVE (SYNCHRONOUS)	With the HDMI option, the poster shows a live source: a laptop for a conference, a camera for a live stream background, a presentation on a stage. HDMI auto-splicing extends one source across several posters.
REMOTE	Over the network port, 4G option or cloud, a group of posters across several sites is managed as one cluster: the same campaign to every shop, changed from one place.
SOUND	Two 10 W speakers are built in, with a 3.5 mm jack for an external amplifier when the room is bigger than the speakers.
PICTURE	500 to 800 cd/m², 14 to 16 bit grey scale, 3,200 to 9,000 K colour temperature, 8,000:1 contrast, 3,840 Hz refresh for cameras and phones.

7:21

portrait format, 640 × 1,920 mm. Content made for a digital poster or a portrait screen drops straight on.

WHERE IT IS USED



The poster from the front. Manufacturer's render.

WHICH PITCH

- P2.5 AND P1.86: READ FROM 3 M; SHOP FLOORS, LOBBIES, STAGES
- P1.53: READ FROM 2 M; EXHIBITION STANDS, SHOWROOMS, CAMERA WORK
- P1.25: READ FROM 1.5 M; THE CLOSEST VIEWING AND THE SHARPEST TEXT

RETAIL

Shop floors, brand chains and supermarkets: a poster per store, the same campaign everywhere, moved to wherever the promotion is this week.

EVENTS AND STAGE

Conferences, launches and exhibition stands. Arrives folded, is open and playing in minutes, and goes back in its case the same evening.

LOBBIES

Reception, hotel and office lobbies: welcome screens, wayfinding and the day's agenda, with no wall fixing and no cabling to the ceiling.

SHOWROOMS, RESTAURANTS, SCHOOLS

Menus and specials, model information, timetables and announcements, and live-stream backgrounds.

One cabinet. Four pitches.

ITEM	ALL PITCHES
DISPLAY AREA	640 × 1,920 mm, 7:21 portrait
OVERALL (W × H × D)	650 × 2,050 × 45 mm open; 640 × 1,090 × 100 mm folded; cabinet 38 to 45 mm
WEIGHT	42.5 kg net
CABINET	6063 aluminium profile; hinge with hawk lock and latch; magnetic edge wrapping; four swivel wheels
MODULE	320 × 160 mm SMD 3-in-1, 0.55 kg, 2 wide × 12 high (24 per poster), screw-fixed, GOB face
BRIGHTNESS	500 to 800 cd/m² (650 cd/m² white balance)
GREY SCALE · COLOUR TEMP.	14 to 16 bit adjustable · 3,200 to 9,000 K adjustable
REFRESH · FRAME RATE	3,840 Hz and above · 60 Hz; constant-current drive
VIEWING ANGLE · CONTRAST	160° horizontal, 160° vertical · 8,000:1
UNIFORMITY · FLATNESS	Luminance 95% and above, chromaticity ±0.003 Cx,Cy · ±0.1 mm
PROTECTION	GOB module face; IP54; scratch-, knock-, splash- and moisture-resistant
INPUTS	USB drive, Wi-Fi and network port as standard; HDMI and 4G as options; app, USB, LAN and 4G control; cloud cluster management
PLAYBACK	Synchronous and asynchronous
AUDIO	2 × 10 W 8 Ω speakers; 3.5 mm jack for an external amplifier
SUPPLY	100 to 240 V AC; power supply in the base, separate from the display
ENVIRONMENT	Operating −40 to 50 °C, 10 to 80% RH non-condensing; typical LED life 50,000 h
WARRANTY	3-year return-to-base

Figures are from the product specification. Module and poster pixels are derived from the pitch. Specifications may change without notice.

PER PITCH · 320 × 160 MM MODULE · 640 × 1,920 MM POSTER

MODEL	PITCH	MODULE PX	POSTER PX	MAX POWER	AVERAGE	READ FROM
P2.5	2.5 mm	128 × 64	256 × 768	430 W	145 W	3 m
P1.86	1.86 mm	172 × 86	344 × 1,032	450 W	150 W	3 m
P1.53	1.538 mm	208 × 104	416 × 1,248	550 W	185 W	2 m
P1.25	1.25 mm	256 × 128	512 × 1,536	650 W	220 W	1.5 m

"Read from" is the closest comfortable viewing distance; every pitch reads well beyond it, to 20 m.

WHAT A DYNAMO SUPPLY INCLUDES

- THE POSTER, ASSEMBLED AND TESTED, ON ITS WHEELED BASE
- BUILT-IN PLAYER WITH USB, WI-FI AND NETWORK INPUT; PHONE APP
- MAINS LEAD
- 3-YEAR RETURN-TO-BASE WARRANTY

OPTIONAL

- HDMI AND 4G INPUTS
- FLIGHT CASE FOR ONE OR TWO POSTERS
- CONTENT DESIGN; SET-UP AND TRAINING ON SITE BY DYNAMO ENGINEERS

About Dynamo. Dynamo LED Displays is a UK LED display company, founded in 2013, with a London headquarters at 146a Brick Lane and a Dubai office. We specify, supply, install and support LED displays for architects, interior designers, fit-out contractors and end clients, and the same company is answerable from first survey to years after handover.

Talk to us about a foldable LED poster.

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