



COLEDER

ROADREADY

PROFESSIONAL
DISPLAY PROVIDER



ENCORE X

VIDEO WALL SYSTEMS



Cable-less

Break free from piles of jumper cables. Setting up a screen has never been so easy.



Fast Installation

Cut your installation time in half

- Designed in collaboration with largest European rental houses ·
- Global patented locking mechanism ·
- Ergonomic handle design ·



Easy Maintenance

Magnetic modules can be easily detached and replaced without removing any screws.

Power supply + receiving card + hub board are designed into one solid-state unit, which can be swapped in under a minute



Complete Rental Solution

Easy to build a video wall

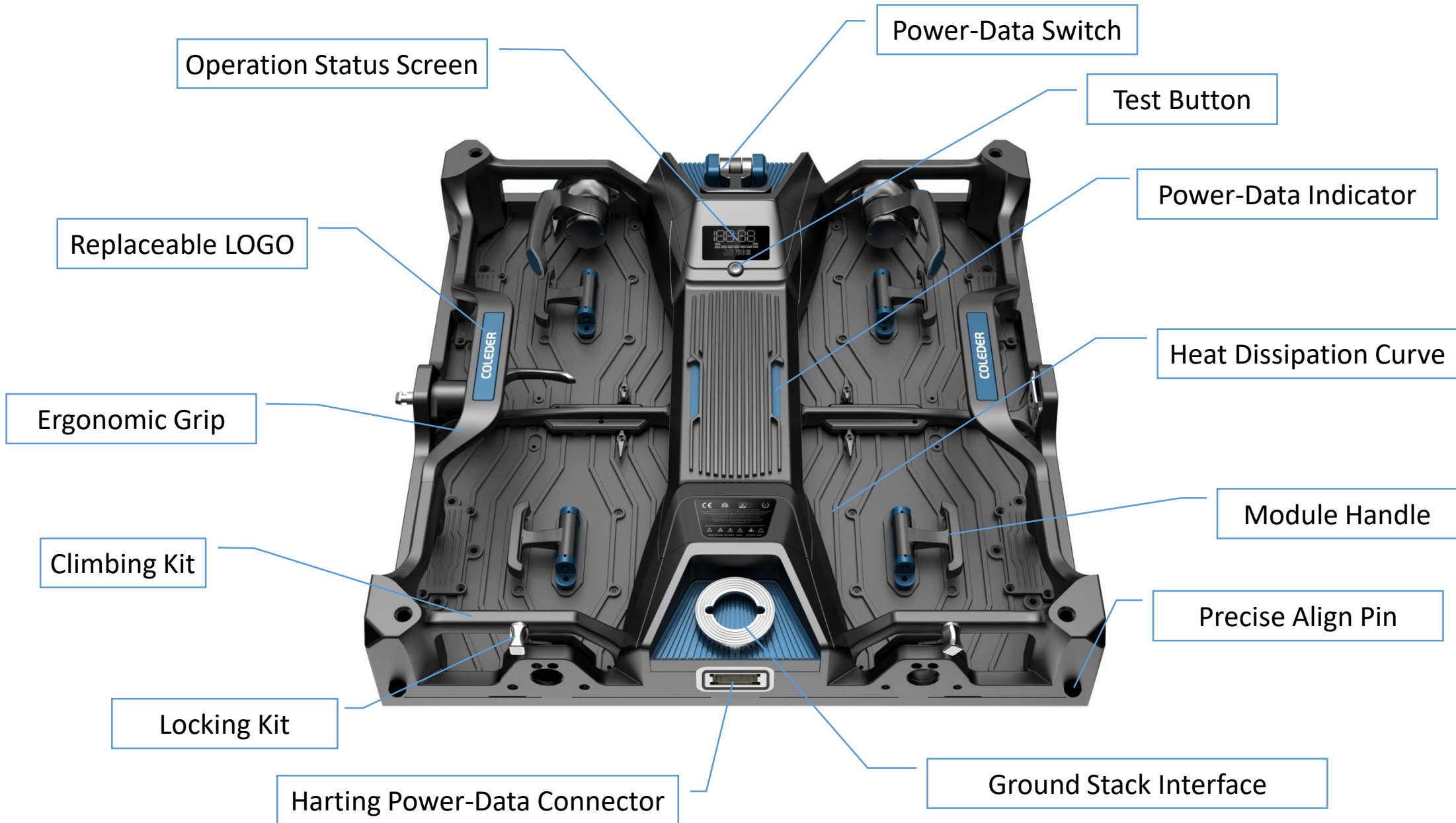
with

COLEDER versatile hanging/ground stacking system



Demo Video 





Operation Status Screen

Power-Data Switch

Test Button

Power-Data Indicator

Replaceable LOGO

Heat Dissipation Curve

Ergonomic Grip

Module Handle

Climbing Kit

Precise Align Pin

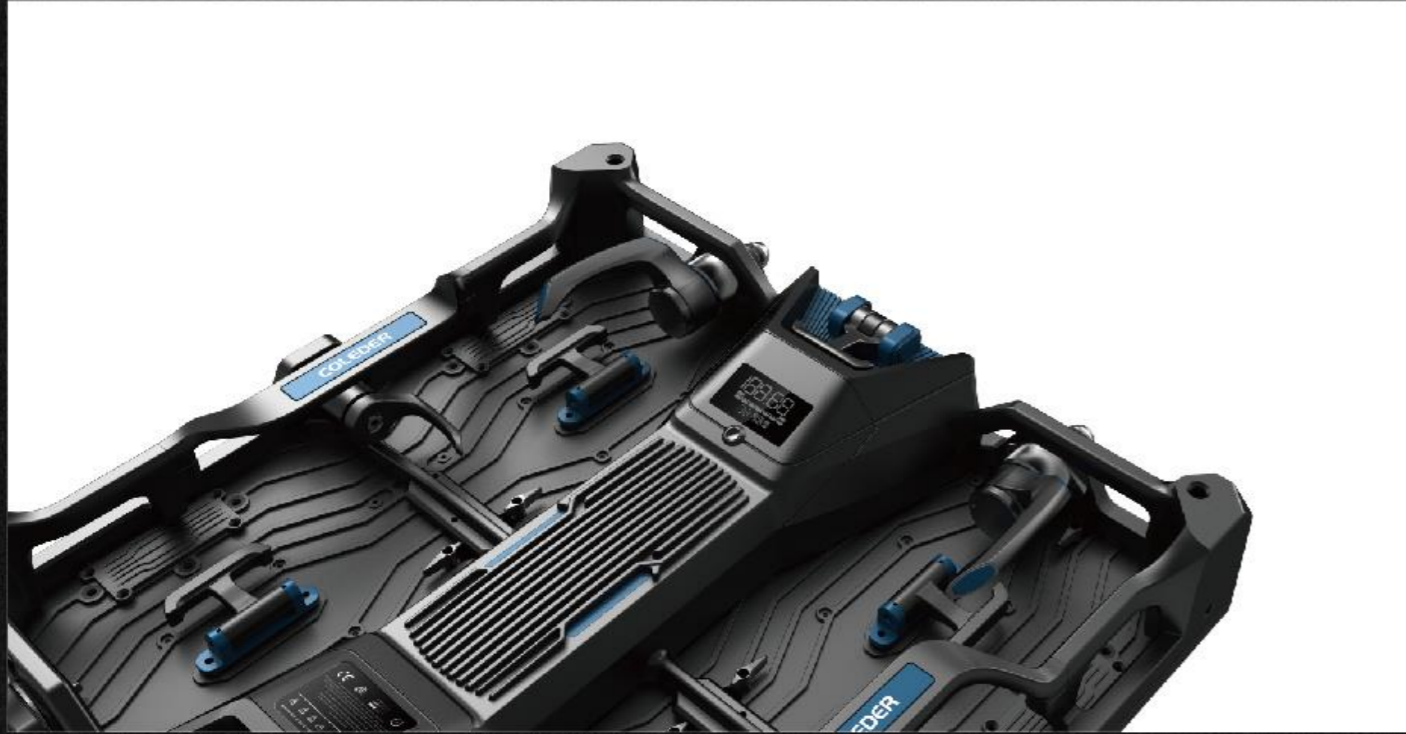
Locking Kit

Harting Power-Data Connector

Ground Stack Interface

Three Steps In Place

- World fastest in terms of installing and dismantling the LED wall
- Assembling and light up in only 2.8 seconds
- Coleder rental series tiles , BUGATTI in LED market



Road Ready Series Rental Staging LED Tiles

FAST IS EVERYTHING

In the rental staging world, being fast means shorter time for pre-show setup and post-show dismantle, higher flexibility to last-minute changes, and ultimately lower cost of labor and space.



Fast installation and dismantle

Road Ready series is the fastest industry-wide in terms of installation and dismantle, featuring a 50% less time than industry average with its patented connector design.



Fast parts and components maintenance

The 3-in-1 integrated back of power supply, receiving card and hub board makes replacement a simple plug and play.



Fast module replacement

With its magnetic front design, modules can be taken out by a simple push.

Rental series product parameter

	INDOOR				OUTDOOR		
Types	R2.9	R3.9	R4.8	R4.8	R5.9	R6.9	R10
Pixel pitch (mm)	2.9 mm	3.91 mm	4.81 mm	4.81 mm	5.95 mm	6.94 mm	10.4167 mm
Pixel density (Dots / m ²)	112896	65536	43264	43264	28224	20736	9216
Panel resolution (W*H)	168*168	128*128	104*104	104*104	84*84	72*72	48*48
Panel weight (kg)	≈7.9	≈7.85	≈7.65	≈7.8	≈8.05	≈8.25	≈8.25
Brightness (cd / m ²) (adjustable)	1000	1000	1000	4500	5000	5500	6500
Protection level (IP)	IP45	IP45	IP45	IP65	IP65	IP65	IP65
Max. / Ave. power consumption (W/cabinet)	160 / 75	150 / 70	130 / 60	150 / 72	220 / 100	250 / 110	250 / 110
Max. Rigging	16 panels	16 panels	16 panels	16 panels	15 panels	15 panels	15 panels
Max. panel qty / power cable (20A/220V)	25 panels	26 panels	30 panels	26 panels	18 panels	16 panels	16 panels
Working humidity (RH)	10 ~ 80% No condensation	10 ~ 80% No condensation	11 ~ 80% No condensation	12 ~ 80% No condensation	12 ~ 80% No condensation	13 ~ 80% No condensation	13 ~ 80% No condensation
LED	SMD 3-in-1						
Module size	250mm x250mm /9.84 inch x 9.84 inch						
Panel size	500mm x500mm /19.68 inch x 19.68inch						
Maintenance method	Rear						
Panel material	Die-casting alluminum						
Brightness / color calibration	Yes						
Refresh rate (Hz)	≥1920						
Grey level (Bit)	16 bit						
Color temperature (K)	≥6500						
Vertical / Horizontal viewing angle (°)	140						
Luminous point central distance deviation	<3.25%						
Uniformity of color	±0.0035 Cx,Cy						
Uniformity of luminance	≥97.5%						
Operating voltage	AC100~240V (50~60Hz)						
Contrast	3000:1						
Working temperature (°C)	-20~60						
Working lifespan (hrs)	≥100,000						
Certificate	CCC, ETL/UL, CE, FCC,RoHS, TUV						

ENCOREX

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