

TECHNO RAINBOW FULL COLOR LED DISPLAY SYSTEM

10mm INDOOR/OUTDOOR LED DISPLAY

- ▶ Purpose designed to create maximum impact indoors and outdoors
- ▶ 10mm pixels for brilliant high resolution images and vivid color
- ▶ "One-touch" connecting system for fast assembly

PORTABLE • MODULAR • VERSATILE • HIGH BRIGHTNESS • LOW POWER



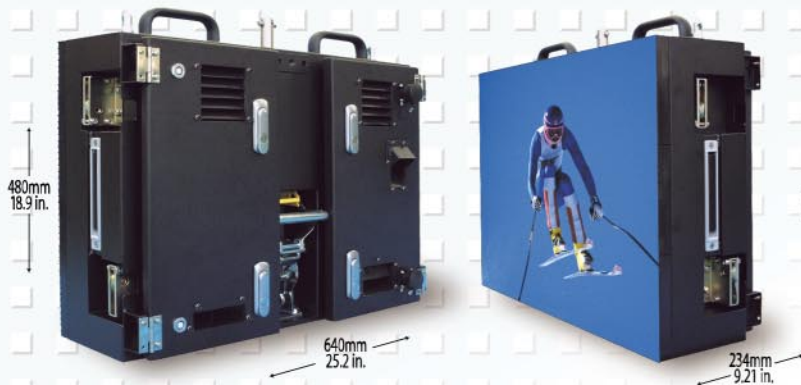
TR2010E Outdoor: ▶
2005 Live 8
Concert

◀ TR2010E Indoor:
2005 LA Autoshow

◀ TR2010E Indoor: 2004 European Film Awards

▶ MODULE SPECIFICATIONS

| | |
|--------------------------|--|
| LED Pixels | 10mm pitch — 3 cylinder-type LEDs per pixel (R1, G1, B1) |
| Brightness | 5,000 cd/m ² |
| Display Colors | approximately 1 billion colors |
| Image Depth | approximately 1,024 steps |
| Viewing Angle | left to right 120°, up 10°, down 30° |
| Pixel Number | 64 (H) x 48 (V) |
| Display Size | 640 x 480 mm (25.2" x 18.9") = 0.31 m ² (3.3 ft ²) (31.5 inches diagonally) |
| Weight | 35Kg (77.2 lbs) |
| Power Consumption | 260 Watt (100% light output); 90 Watt (25% light output) |
| Power Supply | AC100V ~ 240V single phase |



Big screen solutions
for the 21st Century

TECHNO RAINBOW FULL COLOR LED DISPLAY SYSTEM

POSSIBLE SCREEN SIZE EXAMPLES

| INCH DIAGONAL | H x V (mm) | | H x V (ft.) | | PIXELS H x V | | SCREEN AREA (m ²) (ft. ²) | | NUMBER OF MODULES H x V | | TOTAL MODULES | ASPECT RATIO | POWER (Watts) Max / Average | WEIGHT Kg Lbs | |
|---------------|------------|-------|-------------|-------|--------------|-------|---|------------------|-------------------------|----|---------------|---------------|-----------------------------|---------------|----------|
| | H | V | H | V | H | V | m ² | ft. ² | H | V | | | | Kg | Lbs |
| 31.50 | 640 | 480 | 25.2" | 18.9" | 64 | 48 | .31 | 3.3 | 1 | 1 | 1 | 1:1 | 260 / 90 | 35 | 77.2 |
| 126.00 | 2,560 | 1,920 | 8.4 | 6.3 | 256 | 192 | 4.92 | 53.2 | 4 | 4 | 16 | 1.33:1 (4:3) | 4,160 / 1,440 | 560 | 1,234.0 |
| 150.00 | 3,200 | 1,920 | 10.5 | 6.3 | 320 | 192 | 6.14 | 66.5 | 5 | 4 | 20 | 1.77:1 (16:9) | 5,200 / 1,800 | 700 | 1,543.0 |
| 160.00 | 3,200 | 2,400 | 10.5 | 7.9 | 320 | 240 | 7.68 | 83.1 | 5 | 5 | 25 | 1.33:1 (4:3) | 6,500 / 2,250 | 875 | 1,929.0 |
| 180.00 | 3,840 | 2,400 | 12.6 | 7.9 | 384 | 240 | 9.22 | 99.7 | 6 | 5 | 30 | 1.77:1 (16:9) | 7,800 / 2,700 | 1,050 | 2,315.0 |
| 200.00 | 4,480 | 2,400 | 14.7 | 7.9 | 448 | 240 | 10.75 | 116.3 | 7 | 5 | 35 | 1.77:1 (16:9) | 9,100 / 3,150 | 1,225 | 2,700.0 |
| 190.00 | 3,840 | 2,880 | 12.6 | 9.4 | 384 | 288 | 11.06 | 119.7 | 6 | 6 | 36 | 1.33:1 (4:3) | 9,360 / 3,240 | 1,260 | 2,777.0 |
| 230.00 | 5,120 | 2,880 | 16.8 | 9.4 | 512 | 288 | 14.75 | 159.6 | 8 | 6 | 48 | 1.77:1 (16:9) | 12,480 / 4,320 | 1,680 | 3,703.0 |
| 220.00 | 4,480 | 3,360 | 14.7 | 11.0 | 448 | 338 | 15.05 | 162.9 | 7 | 7 | 49 | 1.33:1 (4:3) | 12,720 / 4,410 | 1,715 | 3,780.0 |
| 260.00 | 5,760 | 3,360 | 18.9 | 11.0 | 576 | 336 | 19.35 | 209.4 | 9 | 7 | 63 | 1.77:1 (16:9) | 16,380 / 5,670 | 2,205 | 4,861.0 |
| 250.00 | 5,120 | 3,840 | 16.8 | 12.6 | 512 | 384 | 19.66 | 212.7 | 8 | 8 | 64 | 1.33:1 (4:3) | 16,640 / 5,760 | 2,240 | 4,938.0 |
| 295.00 | 6,400 | 3,840 | 21.0 | 12.6 | 640 | 384 | 24.58 | 256.9 | 10 | 8 | 80 | 1.77:1 (16:9) | 20,800 / 8,160 | 2,800 | 6,173.0 |
| 280.00 | 5,760 | 4,320 | 18.9 | 14.2 | 576 | 432 | 24.88 | 269.3 | 9 | 9 | 81 | 1.33:1 (4:3) | 21,060 / 7,290 | 2,835 | 6,250.0 |
| 315.00 | 6,400 | 4,800 | 21.0 | 15.7 | 640 | 480 | 30.72 | 332.4 | 10 | 10 | 100 | 1.33:1 (4:3) | 26,000 / 9,000 | 3,500 | 7,716.0 |
| 578.12 | 12,800 | 7,200 | 42.0 | 23.6 | 1,280* | 720 * | 92.16 | 991.2 | 20 | 15 | 300 | 1.77:1 (16:9) | 78,000 / 27,000 | 10,500 | 23,160.0 |

* over 832 x 640 pixels needs additional TRLC1050

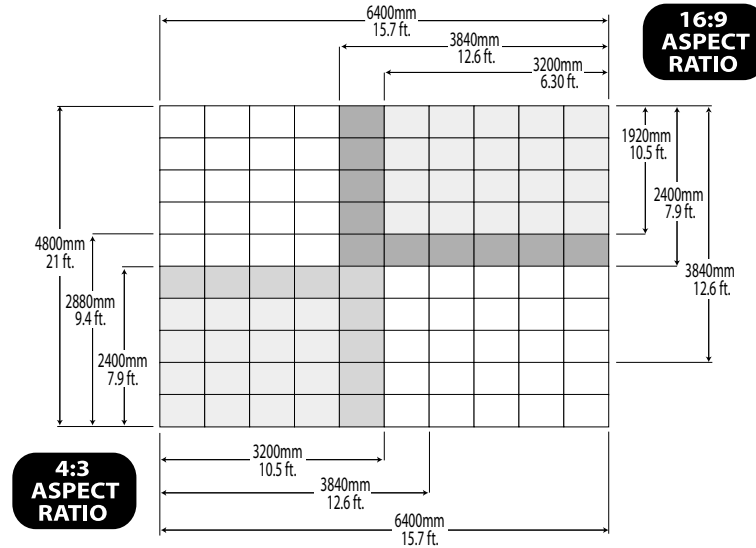


IMAGE PROCESSING SYSTEM SPECIFICATIONS

| | |
|----------------------|---|
| Input Signal | HD-SDI/STD-SDI/DVI-D (progressive only; looping) |
| Output Signal | 100base-T (TR-link original) (100m max.) Up to 832 x 640 pixels, 1.0 frame delay |
| Control | Screen configuration Screen ON/OFF, Brightness, Test Pattern Input Signal, Color Preset, Scaling 25% ~ 200% |
| Dimension | 430mm(17")W x 100mm(4")H (2U) |
| Power Supply | AC100V ~ 240V single phase |



Picture Calibration Software TR1000LC



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