

SUZO  HAPP

Solutions Focused. Technology Driven.

The Amusement Industry Parts Expert
Innovations • Technology • Solutions

Wells-Gardner LCDs

Wells-Gardner Open Frame LED LCD with AUO PANEL (TN)

- Designed for excellent performance and value for Amusement and class II Gaming use
- Accepts CGA, EGA, or VGA input
- TN panel; L/C CGA/VGA
- Reference no. WGF1979-SDES38C
- Native Resolution: 1280 x1024
- Contrast Ratio: 1000:1 (typ)
- Viewing Angle: 170/170 degrees; Horizontal/ Vertical
- Video Interface: CGA/EGA/VGA 10-pin, 15-pin VGA
- OSD Video Select: Low/High Input
- Auto Size Adjust: 30 - 80KHz VGA
- Auto Size & Manual Adjust: 15 - 30KHz CGA
- Power Consumption: 40 watts; Power Input: 12Volts 4A Max.



Part Number	Description
49-3223-00	Wells-Gardner 19" Open Frame LED LCD with AUO PANEL (TN) CGA/VGA
49-3224-00	Wells-Gardner 19" Open Frame LED LCD with AUO PANEL (TN) with Optera Sensor and EETI Controller L/C

Wells-Gardner Open Frame LED Monitor with Samsung Panel

- Wells-Gardner standard 22" wide 16X10 flat panel display with Samsung TN panel
- Optera Sensor, and 3M Controller Available
- Designed for excellent performance and value for Class II and Class III gaming use
- This LCD accepts VGA and DVI-D inputs
- Tempered Clear Glass and Touch Screen options are available;
- Includes power supply with AC cord and VGA cables
- Max Resolution: 1680 x 1050
- Contrast Ratio: 1000:1; Brightness: 250 cd/m2
- Viewing Angle: Horiz./Vert. 160/160 degrees
- Video Interface: VGA/DVI-D
- Analog Scanning Freq: 30 - 80 kHz
- 1 year manufacturer warranty
- Wells-Gardner reference WGF2258-DDBS29C



Part Number	Description
49-3221-00	22" Wells-Gardner Open Frame LED Monitor with Samsung Panel
49-3222-00	22" Wells-Gardner Open Frame LED Monitor with Samsung TN Panel, Optera Sensor, and 3M Controller

Wells-Gardner CGA Adapter Kit for 27" LED LCD 49-2958-00

- Wells-Gardner CGA Adapter Kit for the 27" Wells-Gardner LED LCD with Samsung Panel VGA/DVI PR FHD (part number 49-2958-00)
- Converts VGA/DVI input to run CGA/EGA
- Kit includes, PALED9100-01 Board, 003A0733-001 connector, velcro tape, screws and instruction sheet.



Part Number	Description
49-2959-00	Wells-Gardner CGA Adapter Kit for 27" LED LCD 49-2958-00

Wells-Gardner LCDs

Wells-Gardner Open Frame LED LCD HD Panel with VGA and DVI Inputs



- Widescreen flat panel open frame display HD
- Supports VGA and DVI inputs
- Energy efficient LED technology
- Max. Resolution: 1366 x 768
- Widescreen aspect ratio: 16:9
- Contrast Ratio: 3000:1
- Viewing Angle (Horiz./Vert.): 178/178 degrees
- Video Interface: VGA and DVI
- Analog and Digital Scan
- Auto Size Adjust: 31 - 70KHz
- Can be used on Guitar Hero, Global VR Nascar, and Incredible Technologies Silver Strike Bowling arcade games



Part Number	Description
49-3258-00	Wells-Gardner 32" Open Frame LED LCD HD Panel with VGA and DVI Inputs
49-4259-00	Wells-Gardner 42" Open frame LED LCD HD Panel with VGA and DVI Inputs

Wells-Gardner Open Frame LED LCD with Samsung FHD (PR) Panel



- Input type: FHD; 12V DC Input
- Energy efficient: LED back lighting for reduced power consumption
- Maximum Resolution: 1920 x 1080 @ 60Hz
- Contrast Ratio: 1000:1
- Viewing Angle (Horizontal / Vertical): 178 /178 degrees
- Video Interfaces: VGA, DVI-I (Analog and Digital)
- Horizontal Frequency Range: 28-83 KHz
- Vertical Frequency Range: 49 – 76 Hz
- AC Input Range (DC Brick): 100-240VAC
- Reference number WGF2359-SFBS09C



Part Number	Description
49-02359-00	Wells-Gardner 23" Open Frame LED LCD with Samsung FHD (PR) Panel
49-2958-00	Wells-Gardner 27" Open Frame LED LCD with Samsung Panel VGA/DVI (PR) FHD

Wells-Gardner Bezel Kit for 27" LED LCD 49-2958-00

- Bezel kit is to be used with 49-2958-00 LED monitor for 25" and 27" sit down games
- Kit includes: bezel; brackets; sealing tape; gasket seal



Part Number	Description
49-2960-00	Wells-Gardner Bezel Kit for 27" LED LCD 49-2958-00

Pyramid Bill Validator

*It Takes 7 Seconds To Make A Good First Impression.
The Spectra Does It In 1.*



Utilizing the power of ultra-bright LEDs, the Spectra captures your customer's attention from the moment they enter the room. The bright, multi-colored LEDs give operators the ability to customize the look of the bezel to match their machine color, a specific holiday or any other event. Spectra gives you the flexibility to show the world your true colors.

Design:

- Venting holes at the bottom of the bezel allow for dirt and debris to pass through the acceptor, limiting the amount that ends up inside. This means less down time and more time spent accepting customer payments.

Reliability:

- Built on the same platform as the time tested Apex line of acceptors, Spectra delivers on the tried and true reliability that you expect from PTI products.

Flexibility:

- Flash updateable.
- Bills up to 72 mm wide accepted.
- Automatic self-calibration; no user calibration required.
- 12VDC standard or optional 120VAC internal power supply.
- Multiple interfaces available (see below).

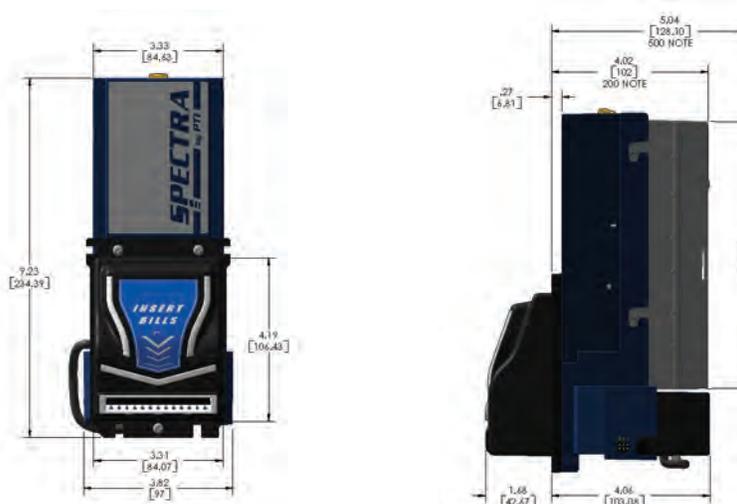
Security:

- The highest security against fraudulent bills.
- Dual-stage optical anti-stringing technology.



Under the Hood

- Customize LED patterns and colors
- Simple DIP switch and PC Configuration
- Dual-stage optical anti-stringing
- Easy to update
- High security against counterfeits
- Simple on-board diagnostics
- Accept bills up to 72mm wide
- Automatic self-calibration



Part Number	Description
42-1476-00	Spectra, Upstacker, 67mm, \$1- \$20, 120 VAC, 500 Note Cashbox



SuzoHapp Carries a Variety of New and Refurbished Bill Validators



**For more information please contact your SuzoHapp Representative*

Jumbo Round Illuminated Push Button with Clear Cap & Milky Translucent Bezel

This pushbutton changes color while you play!

- Add a dramatic effect and attract more attention to any game
- Perfect for any OEM application
- 4 Ultra bright multi-color RGB LED's
- Use a controller & wireless remote (P/N 91-0536-00) to pre-program with 4 unique patterns and 8 different color combinations
- Colors - Red, Green, Blue, Yellow, Orange, Purple, Light Blue, Light Purple
- Patterns - Solid, Chase Pattern 1, Chase Pattern 2, Color Fade & Then Color Change
- 12vdc RGB LED (external power required)
- Made with highest quality materials
- Fits wood or metal control panels
- Polycarbonate lens cap for optical clarity
- Heat resistant plastic
- Microswitch reliability tested to 10,000,000 cycles
- Custom legend lettering designs and artwork available at nominal charge
- Replacement lampholder, RGB LED 12V, LED lens cap, with microswitch subassembly available (P/N 75-0019-00)



Images above show colors displayed when pushbutton in use.

Part Number	Description
75T-4L12-11ZL	Jumbo Round Illuminated Push Button with Clear Cap & Milky Translucent Bezel

USB Charge 'N Play



Increase Machine Play with a USB Charge 'N Play
Give your customers a reason to:

- ✓ **Play Longer**
- ✓ **Stay Longer**

Install the New USB Charge 'N Play!

- Draw new customers to machines and keep them playing longer while their mobile phones and other USB devices charge
- Designed to mount easily to wood or plastic cabinet
- Compatible with popular mobile devices
- Perfect for Family Entertainment Centers, Bowling Alleys, Restaurants, and Airports
- "Charge 'N Play" logo is backlit with a white LED for increased visibility (custom logos available)
- Maximum Output Current 2.1A DC (total)



Can be mounted easily to existing cabinets
 (Product enlarged to show mounting options)



Part Number	Description
95-1512-00	USB Charge 'N Play Single System Kit
95-1516-00	USB Charge 'N Play 2 System Kit
95-1521-00	USB Charge 'N Play 4 System Kit

Kits Include:	USB Charge 'N Play Single System Kit (P/N 95-1512-00)	USB Charge 'N Play 2 System Kit (P/N 95-1516-00)	USB Charge 'N Play 4 System Kit (P/N 95-1521-00)
USB Charge 'N Play Assembly	1	2	4
12V 5 Amp 60W Power Adapter	1	1	1
Universal Power Cord	1	1	1
2.5mm DC Extension Cable	1	2	4
4-Way Adapter Cable / Splitter	0	1	1
Hardware Kit & Instructions	1	2	4



96-1512-00
 (only USB Charge 'N Play Assembly shown)



TFT LCD Snapshot Push Button

The Snapshot LCD Button unit is a new and innovative addition to the SuzoHapp range of gaming devices, giving the game designer additional tools to enhance the content and player appeal for new gaming machine concepts.



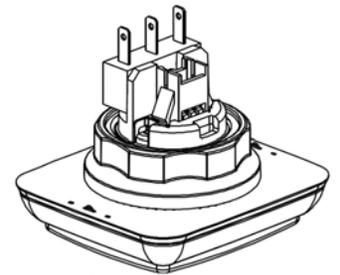
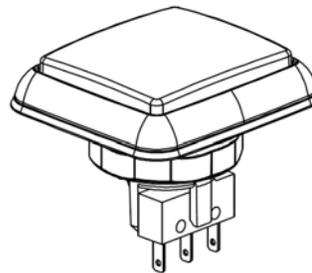
Features:

- Integrated seal protects button LCD circuitry from liquid spills
- Aura accent lighting - provided by single LED
- Aura accent lighting comes in a range of colors
- Option to customize LCD decal surround (Black standard)
- 24 frames per second animation
- Full color 128 x 128 Pixels
- USB interface, controller board controls from 1 to 16 buttons.
- RoHS compliant



Advantages:

- Economical alternative to OLED Buttons
- Individual Buttons allow your choice of placement
- If replacement required, you don't have to replace complete button deck, just the button
- No more printed legends
- Display text to enhance game play or multi-function selection



Button Physical Specifications for Reference Only:

Button Bezel Size with Light Ring:	49.5mm x 44.4mm
Lens Cap size:	38.40mm X 33.40mm
Viewing area of LCD:	27.30mm x 26.30mm
Height above panel to top of Lens Cap:	11.5mm
Height below the button panel to the bottom of switch terminals:	32mm
Panel Cut out size for each button:	22mm x 22mm

Electronic Specifications:

Controller PCB:	12VDC
Controller Board can drive:	1 to 16 Buttons
Recommend Power Supply for 16 button panel:	12Vdc 2A
Current Average	12VDC 0.8A
Compliance	RoHS Compliant

Part Number	Description
130-08019-01	LCD Button, 1 White, Chrome, with Cable, without Controller
RS828-E02-01	LCD Button Controller

** For more information please contact your SuzoHapp Representative*

Redemption Products

Black Sport XD2 Camera With 2" LCD Screen



Specifications:

- Image sensor 5.0 MP CMOS
- Lens 100° wide angle
- LCD Monitor 2.0 inch TFT
- Storage up to 32 MB Micro SD (Sold Separately)
- Interface Micro USB
- Microphone Yes
- Battery Life Up to 120 Minutes
- Photo Resolution 12 MP
- Video Resolution 1920 x 1080 30fps, 1280 x 720 60fps
- Auto Exposure, fixed focus
- Web Cam
- Operating Sys. Win. XP+, Mac 10.2+



Includes:

- Suction Mount
- Helmet Mount
- Bar Mount
- Adhesive Mount
- Waterproof Case
- Charging Cable
- User Manual

Dimensions:

- Camera Size 2.5cm x 6cm x 4cm
- Camera Weight 2.5 ounces
- Package 10cm x 13m x 23xm



Scan here to watch videos made with this camera

Part Number	Description
17-0020-00	Sport XD2 Camera with 2" LCD Screen

Dr Dre Beats Studio Headphones In Orange



- Color: Orange
- Licensed Beats Audio Product
- 3.5mm Stereo Jack
- 1 Year Factory Warranty



Part Number	Description
17-0019-00	Dr Dre Beats Studio Headphones in Orange

Samsung Galaxy Tab4 7" Tablet



- Licensed Samsung Product
- Re-certified, guaranteed in original box and packaging.
- Warranty up to 1 year for defects
- Box Size: 3" x 6" x 8"



Part Number	Description
17-0003-04	Samsung Galaxy Tab4 7" Tablet

Redemption Products

Podigy Orb Bluetooth Speaker



- Wireless connectivity
- Bluetooth compatible
- Beat sensing LED lights
- USB 2.0 charging port
- iPhone, iPad, and iPod compatible
- Rechargeable Li-Battery
- Box Size: 4" x 5" x 6"



Part Number	Description
17-0005-00	Podigy Orb Bluetooth Speaker

Black Podigy WAV Headphones



- Noise Cancellation
- Driver unit: 40mm
- Impedance: 32 Ohms
- Sensitivity: 108 +/-3dB
- Frequency response: 15Hz to 20kHz
- Plug: 3.5mm stereo plugs
- Straight cord: 1.5m
- Box Size: 3.5" x 7.5" x 9"



Part Number	Description
17-0006-00	Black Podigy WAV Headphones

Red Podigy Pups Earbuds



- Tangle-Free Cord
- 3.5mm Audio Jack
- Mic for Smartphone connectivity
- Box Size: 2" x 5" x 7"



Part Number	Description
17-0007-00	Red Podigy Pups Earbuds

Logitech UE 350 Noise Isolating Earphones



- Noise-Isolating Earphone
- Tuned for extra Bass
- Durable, sweat-resistant design
- Box Size: 2" x 4" x 6.25"



Part Number	Description
17-0008-00	Logitech UE 350 Noise Isolating Earphones

Logitech UE 4000 Noise Isolating Headphone



- Licensed Logitech Product
- Noise-Isolating Earphone
- Cable with on-cord mic and controls
- Zippered microfiber-lined travel pouch
- 2-person sharing splitter
- Box Size: 3" x 7" x 8"



Part Number	Description
17-0009-00	Logitech UE 4000 Noise Isolating Headphone

2GB Apple iPod Shuffle



- Licensed Apple Product
- Warranty up to 1 year for defects
- Box Size: 1.5" x 2" x 2"



Part Number	Description
17-0010-00	2GB Apple iPod Shuffle

ELO Touch Solutions

ELO Tablet

- Rugged & Connected
- Windows / Intel Architecture
- Integrated MSR, Barcode Reader, Smart Card Reader
- Docking Station

Benefits:

Reliable

- Ruggedized to survive retail environments
- Centralized security and management
- Quality touch from a trusted retail supplier

Integrated

- MSR, Barcode Reader, and Smart Card Reader
- Designed for EMV
- Wi-Fi, Bluetooth, NFC and RFID wireless
- Docking station with battery charging location, Ethernet, 3 x USB, and VGA

Compatible

- Windows / Intel support for your existing applications
- USB connectivity to external peripherals
- Deployable in cloud, thin-client, or client-server environments

Purpose Built

- Mobile Point-of-Service
- Omnichannel Insight
- Endless Aisle



2244L 22" Open-Frame Touchmonitor

- Multi-touch performance with "Built for Touch" reliability
- 55% energy savings using LED technology
- Commercial durability
- 3 year standard warranty

Applications:

- Gaming Machines
- Kiosks
- Point-of-information
- Sell-service and ticketing

** For more information on ELO products please contact your SuzoHapp Representative*

ELO Touch Solutions

2740L 27" Open-Frame Touchmonitor

- Thin Bezel Style with "Built for Touch" Reliability
- Pure-glass touchscreen for optimal image quality
- 54% energy savings using LED technology

Applications:

- Kiosks
- Point-of-information Displays
- Gaming Systems
- Ticketing Machines



2440L 24" LED Open-Frame Touchmonitor

- True-flat designs with "Built for Touch" reliability
- Pure-glass touchscreen for optimal image quality
- Energy savings and slim form factor by using LED technology

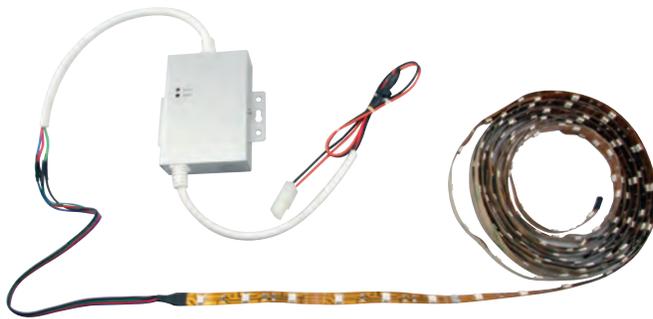
Key Applications:

- Kiosks
- Point-of-information Displays
- Gaming Systems
- Ticketing and self-service

** For more information on ELO products please contact your SuzoHapp Representative*

8mm Flexible LED Light Strips

- Easily installs in and around your machines for an updated look
- Great for amusement parks, games, arcades, family entertainment centers, theaters, backlighting, decorative lighting etc.
- Very thin continuous length flexible SMD LED strips on a reel with 120° wide angle illumination
- 16.4 ft. rolls can be separated or connected every 3 LEDs
- Adhesive tape on back for simple installation
- Solid state, high shock / vibration resistant
- Controlled by wireless remote & controller (sold separately)
- Each controller can run 65.62 ft. of LED strips
- 50,000 hour life
- Uses less power than traditional lights
- No RF interference
- Sold in Reels of 16.4 feet



91-0536-00



80-0414-10

Part Number	Description
91-0162-00	16.4 ft. Warm White Flexible LED Light Strip
91-0163-00	16.4 ft. Cool White Flexible LED Light Strip
91-0257-00	16.4 ft. Green Flexible LED Light Strip
91-0531-00	16.4 ft. Blue Flexible LED Light Strip
91-0532-00	16.4 ft. Yellow Flexible LED Light Strip
91-0533-00	16.4 ft. Red Flexible LED Light Strip
91-0534-00	16.4 ft. RGB Flexible LED Light Strip
91-0815-00	16.4 ft. 10mm RGB flexible LED light strip (60 larger LEDs per meter)
91-0813-00	16.4 ft. Brightest White flexible LED light strip (24v)
91-0572-00	16.4 ft. 5mm Bright White flexible LED light strip
91-0643-00	16 ft. Bright White flexible LED light strip (120 LEDs)
91-0816-00	16.4 ft. 10 mm ROB (Red, Orange, Blue) flexible LED light strip
80-0414-10	12vdc power supply, 2.5A, for light strips
91-0536-00	Controller & wireless remote for light strips

SUZHAPP IL location

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