United States-based CERONIX, Inc. manufactures and repairs all CERONIX, Inc. products in Auburn, California. CERONIX, Inc.’s primary operations take place in a 63,000 square foot state-of-the-art technological and manufacturing facility that was designed and built to be modern, efficient and cutting-edge.

From the Automatic Insertion Machines to the Wave Soldering machine, CERONIX, Inc. has invested over $26,000,000 into state-of-the-art technology, equipment, and facilities since building this manufacturing plant.

CERONIX, Inc. invested in this cutting-edge manufacturing and testing technology to ensure that customers receive the very best and most reliable products in the market today. And because the majority of manufacturing takes place in the same facility, from engineering to finished product, they can develop custom-made monitors and circuit boards and ship them to customers – usually the next day!

- Made only with premium grade components for better picture quality
- Engineered and designed to run cooler, last longer
- Superior PVA or SPVA LCD panel with 178° viewing angle
- Infra-red remote allows you to easily make adjustments
- Quick delivery – all monitors are assembled in Auburn, California
- Standard CERONIX 4-year warranty on LCD monitors and 2-year warranty on CRT monitors
# 19” CERONIX LCD REPLACEMENT
for Aristocrat MAV500 & MAV540

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-5000-00</td>
<td>CPA4056L</td>
<td>19” LCD Replacement Door Mount Kit for Aristocrat MAV540 (Mark V, VI)</td>
</tr>
<tr>
<td>49-2639-00</td>
<td>CPA4088L</td>
<td>19” LCD for Aristocrat MAV500 (Mark VI) Upright</td>
</tr>
</tbody>
</table>

- 19” LCD kit with 3M touch screen
- 49-5000-00 is an exact replacement for Wells Gardner WGF1190-TLS92F LCD in a 19” upright Aristocrat machine
- Premium PVA panel with widest viewing angle available – 178˚
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- Manufactured with premium grade components
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

# CERONIX LCD UPGRADE KITS
for Aristocrat

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-3214-00</td>
<td>CPA4085L</td>
<td>17” CERONIX LCD Upgrade Kit for Aristocrat Slant Top L30700</td>
</tr>
<tr>
<td>49-0460-00</td>
<td>CPA4092L</td>
<td>19” CERONIX LCD Upgrade Kit for Aristocrat Slant Top</td>
</tr>
<tr>
<td>49-0263-00</td>
<td>CPA4038L</td>
<td>19” CERONIX LCD Upgrade Kit for Aristocrat Upright with Glass</td>
</tr>
</tbody>
</table>

- Give new life to old Aristocrat 17” and 19” slant top and upright machines
- Premium PVA panel with widest viewing angle available – 178˚
- Units include a durable plastic injection molded bezel which provides easy installation
- Includes touch screen and controller
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- Manufactured with premium grade components
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer
**32” CERONIX LCD UPGRADE KIT**
with Touch Screen for Atronic

- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- CERONIX LCD kit is the authorized replacement for Atronic machines
- For 17” Atronic universal cabinet ref. no. 65018825 and 65024300
- Premium PVA panel with widest viewing angle available – 178˚
- Units include a durable plastic injection molded bezel which provides for easy installation
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- Manufactured with premium grade components
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

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<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-0179-00</td>
<td>CPA3032</td>
<td>32” CERONIX LCD with Touch Screen For Atronic</td>
</tr>
</tbody>
</table>

**17” CERONIX LCD UPGRADE KIT**
for Atronic

- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- CERONIX LCD kit is the authorized replacement for Atronic machines
- For 17” Atronic universal cabinet ref. no. 65018825 and 65024300
- Premium PVA panel with widest viewing angle available – 178˚
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- Units include a durable plastic injection molded bezel which provides for easy installation
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- Manufactured with premium grade components
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Atronic No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-3917-00</td>
<td>CPA4077L</td>
<td>65018825</td>
<td>17” CERONIX Upgrade Kit without Touch Screen</td>
</tr>
<tr>
<td>49-4096-00</td>
<td>CPA4095L</td>
<td>65024300</td>
<td>17” CERONIX Upgrade Kit with Touch Screen</td>
</tr>
</tbody>
</table>
**15” CERONIX LCD UPGRADE KITS**
for Bally Game Maker Plus

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-6671-00</td>
<td>CPA3001</td>
<td>15” LCD Upgrade Kit for Bally Game Maker Plus Model V7000</td>
</tr>
<tr>
<td>49-0381-00</td>
<td>CPA4001</td>
<td>15” LCD Upgrade Kit for Bally Game Maker Plus Model V7200</td>
</tr>
</tbody>
</table>

**FEATURES**
- Replace your old faded 13” CRT’s with bright new 15” LCDs
- Your game will look new and enhance play for your customers increasing the drop
- Premium SPVA panel with widest viewing angle available – 178˚
- Units include a durable plastic injection molded bezel which provides for easy installation
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- Can be installed on the floor within a few minutes
- Superior quality LCD panel with a bright high contrast image
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- Manufactured with premium grade components
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

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**CERONIX LCD REPLACEMENT**
for Bally Widescreen Games

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-10732-00</td>
<td>CPA3095</td>
<td>20” LCD Widescreen (16:9) Monitor for Bally</td>
</tr>
<tr>
<td>49-10879-00</td>
<td>CPA3097</td>
<td>26” LCD Widescreen (16:9) Monitor for Bally</td>
</tr>
<tr>
<td>49-11027-00</td>
<td>CPA3039</td>
<td>32” LCD Widescreen (16:9) Monitor for Bally</td>
</tr>
</tbody>
</table>

**FEATURES**
- Widescreen LCDs for all Bally cabinets with widescreen LCDs
- Kits are direct replacements and can be installed within a few minutes on the casino floor
- Touch screen included
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- All kits are assembled in Auburn, California
- Designed to run cooler, last longer
- 4-year warranty

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**CERONIX LCD UPGRADE KITS**
for Bally Upright and Slant Top

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-2638-00</td>
<td>CPA4067L</td>
<td>17” LCD Upgrade Kit for Bally Upright</td>
</tr>
<tr>
<td>49-0217-00</td>
<td>CPA4021L</td>
<td>17” LCD Upgrade Kit for Bally Slant Top with Touch Screen</td>
</tr>
<tr>
<td>CPA4080L</td>
<td>CPA4080L</td>
<td>19” LCD Upgrade Kit for Bally Upright</td>
</tr>
</tbody>
</table>

**FEATURES**
- The “Standard of the Gaming Industry” just got better with LCD upgrade kits for Gaming
- Made from high grade components, they offer a better picture quality with no “Burn in”, than a traditional CRT monitor
- CERONIX kits update your older machines and give them a modern look
- Kits are direct replacements and can be installed within a few minutes on the casino floor
- They include the bezel, touch screen and controller
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

---

**CERONIX LCD UPGRADE KITS**
for Bally Game Maker Plus

<table>
<thead>
<tr>
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<tr>
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<tr>
<td>49-11027-00</td>
<td>CPA3039</td>
<td>32” LCD Widescreen (16:9) Monitor for Bally</td>
</tr>
</tbody>
</table>

**FEATURES**
- Widescreen LCDs for all Bally cabinets with widescreen LCDs
- Kits are direct replacements and can be installed within a few minutes on the casino floor
- Touch screen included
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- All kits are assembled in Auburn, California
- Designed to run cooler, last longer
- 4-year warranty
**15” CERONIX LCD UPGRADE KIT**

**for Bally Bar Top**

![Image of CERONIX LCD Upgrade Kit for Bally Bar Top]

- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)

- Give new life to your old Bally CRT bar tops
- Kits are made with high grade Samsung panel and offers a better picture quality with no “Burn in”, than traditional CRTs
- Units include a durable plastic injection molded bezel which provides for easy installation
- Includes touch screen and controller
- Premium PVA panel with widest viewing angle available – 178°
- Units also include a durable plastic injection molded bezel which provides for easy installation
- Can be installed on the floor within a few minutes
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

---

**15” CERONIX LCD UPGRADE KIT**

**for IGT Bar Top**

![Image of CERONIX LCD Upgrade Kit for IGT Bar Top]

- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)

- Give new life to your old IGT CRT bar tops
- Kits are made with high grade Samsung panel and offers a better picture quality with no “Burn in”, than traditional CRTs
- Premium SPVA Panel with widest viewing angle available - 178°
- Units include a durable plastic injection molded bezel which provides for easy installation
- Includes touch screen and controller
- LCD has a wide viewing angle (178° in all directions)
- Analog and digital inputs
- Supports up to 16.7 million colors
- 4-year warranty

---

### SPECs

**Part Number**

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bally Bar Top - 15 Degree Bezel</td>
</tr>
<tr>
<td>Bally Bar Top - 6 Degree Bezel</td>
</tr>
</tbody>
</table>

**Viewable size** 15”

**Native Resolution** 1024 x 768

**Aspect ratio** 4:3

**Contrast ratio** 1000:1

**Input connectors** RGB 15-Pin D-Sub and DVI-D

**Frequency** 31.5-80KHz Horizontal 56-75Hz Vertical

**Dimensions (W x H x D)** 11.625” x 13.8” x 3.674”

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### FEATURES

- **Part Number**
  - CPA4059L
  - CPA3002

- **CERONIX No.**
  - 49-4657-00
  - 49-12091-00

- **Description**
  - 15” CERONIX LCD Upgrade Kit for Bally Bar Top - 15 Degree Bezel
  - 15” CERONIX LCD Upgrade Kit for Bally Bar Top - 6 Degree Bezel

- **Part Number**
  - CPA4054L
  - CPA4045L
  - CPA4022L

- **CERONIX No.**
  - 49-2732-00
  - 49-2606-00
  - 49-2793-00

- **Description**
  - 15” CERONIX LCD Upgrade Kit for IGT Bar Top - 15 Degree Bezel
  - 15” CERONIX LCD Upgrade Kit for IGT Flush in Front Bar Top - 6 Degree Bezel
  - 15” CERONIX LCD Upgrade Kit for IGT Recessed Bar Top Flat Bezel
### CERONIX LCD UPGRADE KITS for IGT

**FEATURES**
- Update your older machines with a modern look and attract more players
- Premium PVA panel with widest viewing angle available – 178˚
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- Drop-in replacements for 17” and 19” games (slant-top and upright cabinets)
- Designed to run cooler, last longer
- Install on the casino floor in less than 15 minutes
- Kits are available with 19-pin connector, (Non AVP) or 25-pin Advanced Video Platform, (AVP connector)
- Kit includes touch screen, controller, bezel and if necessary a bracket
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-11326-00</td>
<td>CPA3004</td>
<td>15” CERONIX Upgrade Kit for IGT Player’s Edge Upright with 178˚ viewing angle</td>
</tr>
<tr>
<td>49-11176-00</td>
<td>CPA3003</td>
<td>15” CERONIX Upgrade Kit for IGT Player’s Edge Upright with 150˚ viewing angle</td>
</tr>
<tr>
<td>49-14029-00</td>
<td>CPA3005</td>
<td>15” CERONIX Upgrade Kit for IGT Player’s Edge Slant Top with 150˚ viewing angle</td>
</tr>
</tbody>
</table>

### 15” CERONIX LCD UPGRADE KITS for IGT PE and PE Plus

**FEATURES**
- Take your 13” CERONIX CRT to a full 15” LCD!
- Premium high-contrast panels with 178˚ or 150˚ viewing angle
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- Units include a durable plastic injection molded bezel which provides for easy installation
- Kits are direct replacements and can be installed within a few minutes on the casino floor
- Protective glass included
- Designed to run cooler, last longer
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CERONIX No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>49-11326-00</td>
<td>CPA3004</td>
<td>15” CERONIX Upgrade Kit for IGT Player’s Edge Upright with 178˚ viewing angle</td>
</tr>
<tr>
<td>49-11176-00</td>
<td>CPA3003</td>
<td>15” CERONIX Upgrade Kit for IGT Player’s Edge Upright with 150˚ viewing angle</td>
</tr>
<tr>
<td>49-14029-00</td>
<td>CPA3005</td>
<td>15” CERONIX Upgrade Kit for IGT Player’s Edge Slant Top with 150˚ viewing angle</td>
</tr>
</tbody>
</table>

### CERONIX LCD REPLACEMENT for IGT Widescreen Games

**FEATURES**
- Widescreen LCDs for all IGT cabinets with widescreen LCDs
- Kits are direct replacements and can be installed within a few minutes on the casino floor
- Touch screen included
- Infrared remote control allows you easily make adjustments to the LCD picture (sold separately - Part No. CPM2251)
- Designed to run cooler, last longer
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty

<table>
<thead>
<tr>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>49-12404-00</td>
<td>CPA3096</td>
<td>20.1” LCD USB Touch Monitor for IGT</td>
</tr>
<tr>
<td>49-12562-00</td>
<td>CPA3087</td>
<td>22” LCD USB Touch Monitor for IGT</td>
</tr>
</tbody>
</table>
**19” LCD UPGRADE KIT**

*for Leisure Time POG*

- Upgrade your POG upright with a new 19” LCD (replacement for your 19v/20” CRT)
- CGA LCD with touch screen
- Infrared remote control allows you to easily make adjustments to the LCD picture (sold separately – Part No. CPM2251)
- Plastic bezel included
- Designed to run cooler, last longer
- CERONIX 4-year warranty

<table>
<thead>
<tr>
<th>Part Number</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-0259-00</td>
<td>CPA4063L</td>
<td>19” CERONIX LCD for Leisure Time POG</td>
</tr>
</tbody>
</table>

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**CERONIX LCD UPGRADE KITS**

*for Konami*

- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)

<table>
<thead>
<tr>
<th>Part Number</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-0237-00</td>
<td>CPA4063L</td>
<td>19” CERONIX LCD for Konami Top Unit</td>
</tr>
<tr>
<td>49-2430-00</td>
<td>CPA4081L</td>
<td>19” CERONIX LCD Upgrade Kit for Konami Slant Top</td>
</tr>
<tr>
<td>49-12247-00</td>
<td>CPA4065L</td>
<td>19” CERONIX LCD Upgrade Kit for Konami Top Unit</td>
</tr>
<tr>
<td>49-0237-00</td>
<td>CPA4028L</td>
<td>19” CERONIX LCD Upgrade Kit - Replaces KT-LS19E4</td>
</tr>
<tr>
<td>49-12881-00</td>
<td>CPA3022</td>
<td>22” CERONIX LCD Upgrade Kit for Konami Widescreen Games</td>
</tr>
</tbody>
</table>

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**CERONIX INFRARED REMOTE CONTROL**

- Include touch screen and controller
- Premium PVA panels with widest viewing angle available – 178˚
- Units also include a durable plastic injection molded bezel which provides for easy installation
- Can be installed on the floor within a few minutes
- Superior quality LCD panel with a bright high contrast image
- CERONIX LCDs are designed to meet the rugged 24/7 demands of the Gaming Industry
- Manufactured with premium grade components
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

<table>
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<tr>
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<tbody>
<tr>
<td>CPM2251</td>
<td>CERONIX Infrared Remote Control</td>
</tr>
</tbody>
</table>

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Phone 888-289-4277  Fax 800-593-4277  www.suzohapp.com
19” CERONIX LCD REPLACEMENT for WMS Bluebird

FEATURES
- Drop-in replacement for WMS Bluebird LCD monitors
- Complete with touch screen and controller
- 19” viewable image size, 178 degree viewing angle (all directions)
- Samsung PVA (Patterned Vertical Alignment) mode produces great images
- 1280 x 1024 native resolution
- Input connectors: RGB 15-Pin D-Sub, DVI-D
- Power consumption: 40 Watts, 90 – 264VAC, 50/60Hz
- Dimensions: 15.85” W x 12.926” H x 2.468” D
- 4 year warranty

Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)

Part Number CERONIX No. Description
49-2769-00 CPA4082L 19” CERONIX LCD Monitor for WMS Bluebird 18.1” LCD (Includes Bezel)
49-8386-00 CPA3092L 19” CERONIX LCD Monitor for WMS Bluebird 19” LCD
49-0256-00 CPA4091L 19” CERONIX LCD Door Mount for WMS Slant Top

CERONIX LCD UPGRADE KITS for WMS

FEATURES
- The “Standard of the Gaming Industry” just got better with LCD upgrade kits for Gaming
- Made from high grade components, they offer a better picture quality with no “Burn in”, than a traditional CRT monitor
- Infrared remote control allows you easily make adjustments to the LCD picture (sold separately - Part No. CPM2251)
- CERONIX kits will update your older machines and give them a modern look
- Kits are direct replacements and can be installed within a few minutes on the casino floor
- They include the bezel, touch screen and controller
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

Part Number CERONIX No. Description
49-2635-00 CPA4064L 19” LCD Upgrade Kit for WMS Slant Top for WMS A-000044
49-2636-00 CPA4090L 17” LCD Upgrade Kit for WMS Upright

CERONIX LCD UPGRADE KITS for Western Money Kiosks

FEATURES
- Drop in replacement LCDs for Western Money kiosks
- 15”, 17”, 19” LCDs with and without touch screens
- Manufactured with premium grade components
- Infrared remote control allows you to easily make adjustments to the LCD picture (sold separately – Part No. CPM2251)
- All kits are assembled in Auburn, California and carry the CERONIX 4-year warranty
- Designed to run cooler, last longer

Part Number CERONIX No. Description
CPE3058 CPA3058 19” CERONIX LCD Without Touch Screen
CPE3056 CPA3056 19” CERONIX LCD With Touch Screen
CPE3053 CPA3053 17” CERONIX LCD Without Touch Screen
CPE3052 CPA3052 17” CERONIX LCD With Touch Screen
CPE3055 CPA3055 15” CERONIX LCD Without Touch Screen
CPE3054 CPA3054 15” CERONIX LCD With Touch Screen