

LCD REPLACEMENT & UPGRADE KITS by CERONIX



The Standard of the Gaming Industry



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

CERONIX LCD UPGRADE KITS

for Aristocrat



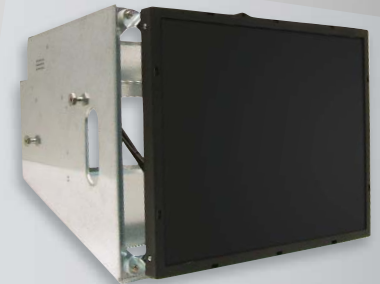
49-5000-00

49-2639-00



49-0460-00

49-3214-00



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



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

FEATURES

- 19" LCD kit with 3M touch screen
- 49-5000-00 is an exact replacement for Wells Gardner WGF1190-TSL92F 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

- Give new life to you 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 for 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

| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-5000-00 | CPA4056L | 19" LCD Replacement Door Mount Kit for Aristocrat MAV540 (Mark V, VI) |
| 49-2639-00 | CPA4088L | 19" LCD for Aristocrat MAV500 (Mark VI) Upright |

| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-3214-00 | CPA4085L | 17" CERONIX LCD Upgrade Kit for Aristocrat Slant Top L30700 |
| 49-0460-00 | CPA4092L | 19" CERONIX LCD Upgrade Kit for Aristocrat Slant Top |
| 49-0263-00 | CPA4038L | 19" CERONIX LCD Upgrade Kit for Aristocrat Upright with Glass |

32" CERONIX LCD UPGRADE KIT

with Touch Screen for Atronic



FRONT



BACK



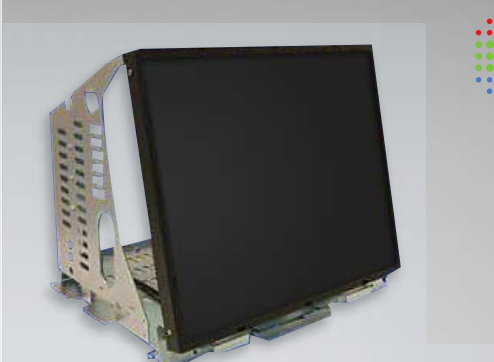
Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)

- Give new life to you old Atronic machine #65049946
- Kits are made with high grade Samsung panel and offers a better picture quality with no "Burn in", than traditional CRT's
- Includes touch screen and controller
- Infrared remote control allows you easily make adjustment to the LCD picture (sold separately - Part No. CPM2251)
- LCD has a wide viewing angle (178° in all directions)
- Analog and digital inputs
- Supports up to 16.7 million colors
- 4-year warranty

| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-0179-00 | CPA3032 | 32" CERONIX LCD with Touch Screen For Atronic |

17" CERONIX LCD UPGRADE KIT

for Atronic



FRONT



BACK



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

| Part Number | CERONIX No. | Atronic No. | Description |
|-------------|-------------|-------------|--|
| 49-3917-00 | CPA4077L | 65018825 | 17" CERONIX Upgrade Kit without Touch Screen |
| 49-4096-00 | CPA4095L | 65024300 | 17" CERONIX Upgrade Kit with Touch Screen |

FEATURES

15" CERONIX LCD UPGRADE KITS

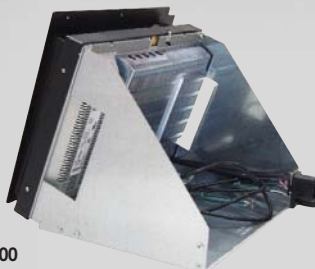
for Bally Game Maker Plus



49-6671-00



49-0381-00



FEATURES

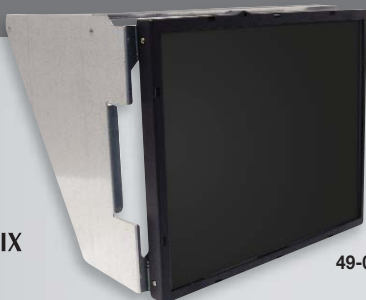
- Replace your old faded 13" CRT's with bright new 15" LCDs
- Your game will look new and enhance play for your customers increasing the drop
- Premium SPVA panel with widest viewing angle available – 178°
- Units include a durable plastic injection molded bezel which provides for easy installation
- 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



| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-6671-00 | CPA3001 | 15" LCD Upgrade Kit for Bally Game Maker Plus Model V7000 |
| 49-0381-00 | CPA4001 | 15" LCD Upgrade Kit for Bally Game Maker Plus Model V7200 |

CERONIX LCD UPGRADE KITS

for Bally Upright and Slant Top



49-0217-00

CERONIX LCD REPLACEMENT

for Bally Widescreen Games



49-10732-00



49-10879-00

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



- 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



| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-2638-00 | CPA4067L | 17" LCD Upgrade Kit for Bally Upright |
| 49-0217-00 | CPA4021L | 17" LCD Upgrade Kit for Bally Slant Top with Touch Screen |
| CPA4080L | CPA4080L | 19" LCD Upgrade Kit for Bally Upright |

| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-10732-00 | CPA3095 | 20" LCD Widescreen (16:9) Monitor for Bally |
| 49-10879-00 | CPA3097 | 26" LCD Widescreen (16:9) Monitor for Bally |
| 49-11027-00 | CPA3039 | 32" LCD Widescreen (16:9) Monitor for Bally |

15" CERONIX LCD UPGRADE KIT for Bally Bar Top



49-4657-00



BACK



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

- Give new life to you 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

| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-4657-00 | CPA4059L | 15" CERONIX LCD Upgrade Kit for Bally Bar Top - 15 Degree Bezel |
| 49-12091-00 | CPA3002 | 15" CERONIX LCD Upgrade Kit for Bally Bar Top - 6 Degree Bezel |

15" CERONIX LCD UPGRADE KIT for IGT Bar Top



BOTTOM VIEW



49-2732-00 TOP VIEW



49-2606-00



49-2793-00

| | |
|------------------------|---|
| 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" |



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

| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-2732-00 | CPA4054L | 15" CERONIX LCD Upgrade Kit for IGT Bar Top - 15 Degree Bezel |
| 49-2606-00 | CPA4045L | 15" CERONIX LCD Upgrade Kit for IGT Flush in Front Bar Top - 6 Degree Bezel |
| 49-2793-00 | CPA4022L | 15" CERONIX LCD Upgrade Kit for IGT Recessed Bar Top Flat Bezel |

SPECS

FEATURES

CERONIX LCD UPGRADE KITS

for IGT



49-0297-00



49-0310-00



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



CERONIX LCD Upgrade Kits for IGT Games

Part Number CERONIX No.

25-Pin AVP Kits with Touch Screen and Controller

| | | |
|------------|----------|---|
| 49-5110-00 | CPA4049L | 17" CERONIX LCD Upgrade Kit for IGT Upright |
| 49-2713-00 | CPA4062L | 19" CERONIX LCD Upgrade Kit for IGT Game King + Upright |
| 49-0258-00 | CPA4008L | 19" CERONIX LCD Game King Upright replacement |
| 49-2720-00 | CPA4096L | 19" CERONIX LCD Upgrade Kit for IGT Slant Top |

19-Pin Non-AVP Kits with Touch Screen and Controller

| | | |
|------------|----------|---|
| 49-2694-00 | CPA4050L | 17" CERONIX LCD Upgrade Kit for IGT Upright |
| 49-2827-00 | CPA4051L | 17" CERONIX LCD Upgrade Kit for IGT Slant Top |
| 49-2680-00 | CPA4020L | 19" CERONIX LCD Upgrade Kit for IGT Game King Upright |
| 49-2792-00 | CPA4097L | 19" CERONIX LCD Upgrade Kit for IGT Slant Top |

CERONIX LCD Upgrade Kits for IGT SDG Games

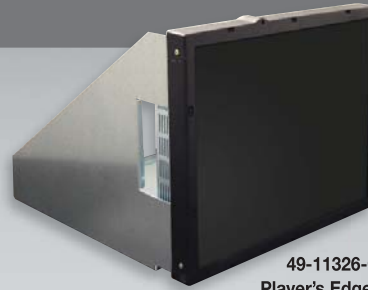
| | | |
|------------|----------|---|
| 49-8647-00 | CPA4075L | 17" IGT Game King Slant Top with SDG Alpha Software |
| 49-8779-00 | CPA4076L | 19" IGT Game King Upright with SDG Alpha Software |

CERONIX LCD Upgrade Kits for IGT Trimline Games

| | | |
|------------|---------|--|
| 49-0310-00 | CPA3017 | 19" IGT Trimline with Touch Screen, Replaces IGT #69950904 |
| 49-0297-00 | CPA3016 | 19" IGT Trimline with Glass, Replaces IGT #69951010 |

15" CERONIX LCD UPGRADE KITS

for IGT PE and PE Plus



49-11326-00
Player's Edge 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



| Part Number | CERONIX No. | Description |
|-------------|-------------|---|
| 49-11326-00 | CPA3004 | 15" CERONIX LCD Upgrade Kit for IGT Player's Edge Upright with 178° viewing angle |
| 49-11176-00 | CPA3003 | 15" CERONIX LCD Upgrade Kit for IGT Player's Edge Upright with 150° viewing angle |
| 49-14029-00 | CPA3005 | 15" CERONIX LCD Upgrade Kit for IGT Player's Edge Slant Top with 150° viewing angle |

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



| Part Number | CERONIX No. | Description |
|-------------|-------------|-------------------------------------|
| 49-12404-00 | CPA3096 | 20.1" LCD USB Touch Monitor for IGT |
| 49-12562-00 | CPA3087 | 22" LCD USB Touch Monitor for IGT |

19" LCD UPGRADE KIT

for Leisure Time POG



FRONT

BACK

- 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

FEATURES

| Part Number | CERONIX No. | Description |
|-------------|-------------|--------------------------------------|
| 49-0259-00 | CPA4063L | 19" CERONIX LCD for Leisure Time POG |

CERONIX INFRARED REMOTE CONTROL



- All CERONIX LCD Kits come with the IR sensor built in which allows you to adjust the picture easily
- This CERONIX remote control is needed to access this feature
- The remote control eases access to the OSD controller board in applications where the OSD controls are hard to reach
- Ideal for Bar Top Kits
- A single remote control works on all CERONIX LCD Kits there is no need to have one for every monitor, just one for each technician

FEATURES

| Part Number | Description |
|-------------|---------------------------------|
| CPM2251 | CERONIX Infrared Remote Control |

CERONIX LCD UPGRADE KITS

for Konami



49-0237-00



49-2430-00



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

- 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

FEATURES

| Part Number | CERONIX No. | Description |
|-------------|-------------|--|
| 49-2637-00 | CPA4089L | 17" LCD Upgrade Kit for Konami Upright For Konami 530002 |
| 49-2430-00 | CPA4081L | 19" LCD Upgrade Kit for Konami Slant Top |
| 49-12247-00 | CPA4065L | 19" LCD Upgrade Kit for Konami Top Unit |
| 49-0237-00 | CPA4028L | 19" LCD Upgrade Kit - Replaces KT-LS19E4 |
| 49-12881-00 | CPA3022 | 22" LCD for Konami Widescreen Games |

19" CERONIX LCD REPLACEMENT

for WMS Bluebird



49-2769-00



49-0256-00



49-8386-00



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

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

| 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



49-2635-00

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

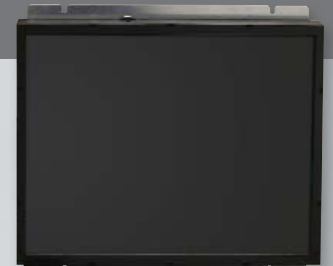
| Part Number | CERONIX No. | Description |
|-------------|-------------|--|
| 49-2635-00 | CPA4064L | 19" LCD Upgrade Kit for WMS Slant Top for WMS A-000648 |
| 49-2636-00 | CPA4090L | 17" LCD Upgrade Kit for WMS Upright |

CERONIX LCD UPGRADE KITS

for Western Money Kiosks



BACK



FRONT

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 |
|-------------|-------------|--------------------------------------|
| CPA3058 | CPA3058 | 19" CERONIX LCD Without Touch Screen |
| CPA3056 | CPA3056 | 19" CERONIX LCD With Touch Screen |
| CPA3053 | CPA3053 | 17" CERONIX LCD Without Touch Screen |
| CPA3052 | CPA3052 | 17" CERONIX LCD With Touch Screen |
| CPA3055 | CPA3055 | 15" CERONIX LCD Without Touch Screen |
| CPA3054 | CPA3054 | 15" CERONIX LCD With Touch Screen |