Innovations Design & Engineering Awards

Category Guide

This guide is provided to assist you with placing your product in the appropriate Innovations category, when completing your entry form. The product categories are arranged with the **Main Category** in orange boldface type and list of examples of product types and definitions found in those categories. The main category in which your product best fits is the category you should select when completing your online entry form. If you have further questions about product categories, please contact Roz Graham, innovations@ce.org. Please note that the judges may move your product to another category, if deemed necessary.

Audio Accessories
- Antennas
- Cassette Care Products
- CD Care Products
- Disc-Based Micro Storage Devices
- Headphones
- Microphones
- MiniDisc
- Other Audio Accessories
- Other Audio Blank Media
- Other Blank Media Products
- Recordable CD
- Recordable DVD
- Solid State Memory Devices (Compact Flash)
- Speakers
- Storage Products
- Type I Standard Bias
- Type II High Bias
- Type IV Metal Bias
- Universal Remote Controls
- Wires & Cables

Audio Components
- Amplifiers
- Audio Systems
    - Compact/Shelf Systems
    - Home Theater in a Box
    - Other Audio Systems
- Cassette Decks
- CD Changers
- CD Players
- CD-R and CD-RW (Stand-Alone)
- Disc-Based Micro Storage Devices
- DJ Equipment
    - Mixing Boards
    - Amplifiers
    - CD/DVD Equipment
    - Headphones
    - Other DJ Equipment
    - Pre-amps
    - Speakers
    - Turntables
- DVD Audio Players
- Equalizers

Home-Based Internet Audio Devices (MP3)
Karaoke
- CD Based
- Other Karaoke
- Tape Based

MiniDisc Players/Recorders
Multi-room Audio Products
Other Audio Products
Other Separate Components
Preamplifiers
Professional Audio
- Accessories
- Amplifiers
- Mixing Boards
- Other Professional Audio
Pre-amps
Receivers
SACD Players
Satellite Radio
- Speakers
- Accessories
- Other Satellite Radio
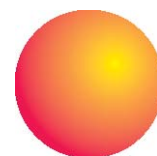- Receivers
Solid State Memory Devices (Compact Flash)
Speakers
- Floor
- In Wall
- In-Ceiling
- Other Speakers
- Outdoor
- Shelf
- Subwoofers
- Surround Sound Packages
- Wall Mount
- Wireless
Tuners
Turntables

Biometrics
- Face Recognition
- Fingerprint Recognition
- Iris Recognition
- Other Biometric Identification and Authentication Products

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Category Guide

Computer Accessories

- Back-Up Tape
- Bubble Jet Printers
- Business Card Scanners
- Cables & Connectors
- Carrying Cases
- CD-R/CD-RW
- Cleaning & Care
- Color Laser Printers
- Disc-Based Micro Storage Devices
  - DLP Based Data Projectors
  - Dot Matrix Printers
  - Dye-Sublimation Printers
  - Film Scanners
  - Firewire Based Scanners
  - Flatbed Scanners
  - Floppy Disks
  - Foot Stool/Riser
  - Inkjet Printers
  - LCD Based Data Projectors
  - Magneto Optical
  - Media Reader
  - Microphones
  - Monitor Glare Screens
  - Monochrome Laser Printers
  - Mousepad with Integrated Wrist Rest
  - Mousepads
  - Multimedia Speakers
  - Other Computer Accessories
  - Other Data Projectors
  - Other Ergonomic Products
  - Other Expansion Docks & Adapters
  - Other Printers
  - Other Scanners
  - Parallel Port Based Scanners
  - PC Cooling Products
  - PC-Based Subwoofers
  - Port Replicators
  - Power Adapters
  - Printer Cartridges/Toner
  - Recordable DVD
  - SCSI Based Scanners
  - Solid State Memory Devices (Compact Flash)
  - Storage Products
  - Supplemental Power Systems
  - Surge Suppressors
  - Ultra Portable Data Projectors
- USB Based Scanners
- USB Hubs and Converters
- Wrist Rest Bar
- Zip Drive Cartridges

Computer Components

- Desktop Computers
- Fax/Modems
- Audio Mixing Boards
- Built-in TV Tuner Video Graphics Cards
- Cable Modem Equipment
- CD/CD-R/CD-RW/DVD-ROM Drives and Kits
- CRT Screen Displays
- Digital TV Converter Cards
- DSL Modems
- Dual Tuner Video Graphics Cards
- DVD-RAM Drives and Kits
- DVD-ROM Drives and Kits
- DVD-RW/DVD-RW+ Drives and Kits
- Ergonomic Products
- Expansion Docks & Adapters
- External CD-ROM Drives and Kits
- External Fax/Modems
- External Firewire Hard Drives
- External USB Hard Drives
- Flexible Keyboards
- Graphic Tablets
- Hand-Held PC, Palmtop, PDA Devices
- Internal CD-ROM Drives and Kits
- Internal Fax/Modems
- Internal Hard Drives
- KVM (Keyboard/Video/Mouse) Switches
- LCD Screen Displays
- Linux Based Computer Components
- Magneto Optical Drives
- Media Servers
- Microprocessor Upgrades
- MPEG Boards
- Notebook Computers
- Optical Mouse
- Other Backup Devices
- Other CD-ROM Drives and Kits
- Other Computer Cards
- Other Computer Components
- Other Computer Software
- Other Desktop Computers
- Other Desktop, Notebook, Hand-Held Devices
- Other DVD Drives and Kits
- Other Fax/Modems
- Other Hard Drives
- Other Keyboards
- Other Monitors
- Other Notebook Computers
- Other Pointing Devices
- Other Tablet PC
- Other Video Graphics Cards

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Computer Components (cont'd)
- PC Cards
- PC Enclosures
- PC Motherboards
- PC-Based Cameras
- Radio Cards
- RAM
- Smart Displays
- Sound Cards
- Tablet PCs
- Tape Drives
- Television Cards
- Uninterruptible Power Supplies (UPS)
- VGA/XGA/WGA Video Graphics Cards
- Video Capture Boards & Plug-Ins
- Video Editing Video Graphics Cards
- Wired Keyboards
- Wired Mouse
- Wireless Keyboards
- Wireless Mouse

Digital Imaging Accessories
- Backup Devices
- Batteries
- Cables
- Carrying Cases
- Color InkJet Printers
- Color Laser Printers
- CompactFlash
- Digital Camera Memory
- Digital Imaging/Video Editing Accessories
- Digital Photograph Printers
- Digital Video Editing Software Linux OS
- Digital Video Editing Software Mac OS
- Digital Video Editing Software Windows OS
- Digital Video Tape
- Disc-Based Micro Storage
- Film
- Inks & Papers
- Lens Cleaners
- Lights
- Memory Stick
- Micro Hard Drive
- Other Accessories
- Other Digital Imaging/Video Editing
- Other Digital Imaging/Video Editing Accessories
- Other Digital Imaging/Video Editing Peripherals
- Other Digital Video Editing Software
- Photo Display Devices
- Photo Manipulation/Enhancement Software
- Photo Quality Paper
- Photo Sharing Software
- Retail Kiosks

- Scanners
- SD
- Smart Media
- Tripods
- xD

Digital Imaging
- 24mm Equipment
- 35mm Equipment
- APS Equipment
- Digital Cameras
- Digital Still Cameras
- Digital Camcorders
- Other Digital Video Capture Devices
- Other Digital Imaging Products
- PC-Based Video Cameras
- Professional Grade Film/Video Production
  - Audio Equipment
  - Cameras and Lighting
  - Compression
  - Computer Hardware
  - Converters, Encoders, Synchronization Tools
  - Graphics and Animation
  - New Media/Streaming Media
  - Presentation and Videoconferencing
  - Service Provider
  - Storage and Networking
  - Test and Measurement Equipment
  - Video Editing/Compositing/Special Effects
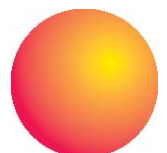 - Video Routing and Distribution Equipment

Digitial Displays
- Digital Rear Projection
- Digital Front Projection
- Digital Direct-View
- DTV Set-Top Decoders
- Plasma-Screen Displays
- LCD Screen Displays
- Digital TV Converter Cards
- LCD Based Projectors
- DLP Displays
- LCOS Displays
- OLED Displays
- Other Digital TV Products

Electronic Gaming
- Carrying Cases
- Cartridge Based Hardware
- Cartridge Based Software
- CD-ROM Based Software
- Cords & Cables
- DVD Based Software
- Joysticks/Controllers
- Memory Upgrades
- Other Electronic Gaming Accessories

Electronic Gaming (cont'd)
- Storage Products
- Other Electronic Gaming
- Other Virtual Reality
- Other Software
- Systems/Consoles
  - CD-ROM Based Hardware
  - DVD Based Hardware
  - Internet Capable Hardware
- Virtual Reality Hardware
- Virtual Reality Software
- Wireless Gaming
  - Downloadable Software
  - Hand-Held Devices
  - Other Wireless Gaming
  - Wireless Network Adapters

Furniture
- Audio/Video Media Storage
- Entertainment Centers
- Equipment Racks
- Home Office
- Other Furniture
- Seating

High Performance Audio
- Accessories
- Audio Software
- Other High Performance Audio Products
- Separate Components
- Speakers

Home Theater
- Audio Cables
- A/V Receivers
- Big Screen (25" and over) Direct View TV
- Cup Holders
- DVD Players
- Flat Panel Displays
- Front Projection TV
- Hi-Fi VCR Decks
- Home Theater Speaker Surround Packages
- Laserdisc Players
- Mounting Equipment/Brackets
- Multimedia Control Centers
- Other Home Theater Audio Products
- Other Home Theater Products
- Other Home Theater Video Products
- Other Projection TVs
- Rear Projection TV
- Remote Controls
- Stand Alone Surround Sound Processors
- Subwoofers
- Surround Sound Speakers
- Video Cables

Home Appliances
- Air Conditioners
- Housewares
- Internet Enabled Appliances
- Mixers
- Microwaves
- Microwave Ovens
- Other Home Appliances
- Other White Goods
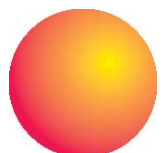- Ovens
- Refrigerators
- Vacuums

Home Networking
- Content Management Devices/Software
  - Audio Only
  - Audio/Video Capable
  - Built-in DVR/PVR
  - Other Content Management Devices/Software
- Ethernet Hubs
- Ethernet Network Kits
- Ethernet Wires & Cables
- Ethernet-Based Print Servers
- Home Entertainment Networking Products
- PC Based DVR/PVR Software
- Phone Line Network Cards
- Phone-Line Wires & Cables
- Power Plug Transceivers
- Power Line Wires & Cables
- Other Ethernet-Based Products
- Other Home Data Networking Products
- Other Phone Line Based Products
- Other Power Line Based Systems
- Residential Gateways
  - Firewall/Routers
  - Other Residential Gateway Products
  - Switches
- Wireless Based (801.11x) Systems
  - Other Wireless Based Products
  - USB-Based Adapters
  - Wireless Access Points
  - Wireless Adapter Cards (ISA/PCI)
  - Wireless PC Card Adapters

Integrated Home Systems
- CEBus Products
- Central Vacuum
- Energy Management/HVAC Systems
- Gate Access Controls
- Home Security
- Home Security Monitoring/Installation Services
  - Control Pads
  - Other Home Security
  - Sensors

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Integrated Home Systems (cont'd)
- System Components
- Video/CCTV
- Intercom/Telephone Systems
- Lighting
  - Control Systems
  - Fixtures
  - Other Lighting
- Lighting Controls
- LonWorks Products
- Other Integrated Home System Products
- Remote Control Systems
- Telephones & Communications
- Video Surveillance Systems
- Whole House Systems
- Window Controls
- Window/Covering Controls
- Wire, Cable & Wiring Systems
- Wireless Technologies
- X-10/Powerline Carrier Devices

Mobile/Home Office
- Accessories
- Bluetooth PC Card Adapters
- Bluetooth Printer Adapters/Receivers
- Cables & Adapters
- Calculators
- Dictation Equipment
- Electronic Reference Devices
- Electronic Typewriters/Word Processors
- Fax Machines
- Multi-Function Devices (Any Combination of Fax, Copy, Print, Scan)
- Other Bluetooth Hardware
- Other Expansion Docks & Adapters
- Other Mobile Office Accessories
- Other Mobile Office Equipment
- Other PC Card Ethernet Adapters
- Other Small Office/Home Office Products
- PC Card RJ45 Ethernet Adapters
- Pen Stylus
- Personal Copiers
- Port Replicators
- Portable Copiers
- Portable Fax Machines
- Portable Printers
- Shredders
- Synchronizing Cables & Docks

Online/Internet
- Access Software
  - Broadband
  - Dial-up
  - Other Access Software

Broadband
- Application Development
- Audio Delivery Systems
- Broadband Access Software
- Dial-up Access Software
- Ethernet Based Networking Systems
- Graphics
- Home Data Networking Software
- Modems
- Page Layout
- Phone Line Based Networking Systems
- Residential Gateways
- Software Development Tools
- Wireless Based (801.11x) Networking Systems

Internet Access Devices
- Broadband
- Dial-up
- Other Internet Access Devices

Internet Based Audio Devices
Internet Based Audio Software
Other On-Line/Internet
Other Voice Over IP (VoIP) Hardware
PC/TV Combinations
Software Development Tools
- Application Development
- Graphics
- Other Software Development Tools
- Page Layout

Voice Over IP (VoIP)
- Handsets/Phones
- Switches
- Voicemail Systems
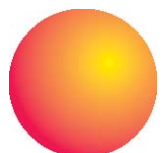- Other VoIP Hardware and Software

WiFi
- Other WiFi
- USB-Based Adapters
- WiMax Equipment
- Wireless Access Points
- Wireless Adapter Cards (ISA/PCI)
- Wireless PC Card Adapters
- Wi-Fi PC Card Ethernet Adapters

Personal Electronics
- Analog Watches
- Batteries
- Body Weight Scales
- Clock Radios
- Digital Watches
- Electric Drum Sets
- Electric Guitars
- Electronic Gaming Wear
- Electronic Toys
- Home Healthcare Products

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Personal Electronics (cont'd)
- Musical Keyboards
- Novelties
- Other Personal Electronics
- Pedometers
- Personal Safety and Security Products
  - Video Surveillance Systems
- Portable Music Wear
- Sports Electronics
- SPOT Capable Watches
- Vital Sign Monitors
- Wireless Communications Wear

Portable Audio
- Compressed Audio (Incl. MP3)
- Internet Audio
- MP3 & CD Combo Units
- Other Portable Audio Products
- Personal Headsets
- Portable Media Player
- Portable Stereo/Boombox
- Radios
- Tape Recorders

Portable Power
- Battery Chargers
- Other Supplemental Power Systems
- Power Adapters
- Power Inverters
- Rapid Chargers

Retail Resources
- Other Retail Resources
- Radio Frequency Identification (RFID) tags
- Retail Display Products
- Third Party Warranty Providers

Robotics
- Appliances
- Automotive
- Educational/Hobbyists
- Entertainment
- Home Automation
- Healthcare
- Home Healthcare
- Industrial/Service
- Surveillance and Security

Software & Embedded Technologies
- Cathode Ray Tubes
- Firmware
- Hand-Held PC, Palmtop, PDA Software
- Integrated Circuits
- Internet Based Audio Software
- Linux-Based Software
- MacOS Based Computer Components
- Memory

- Optical Lenses
- Other Consumer Electronics Software
- Other Embedded Technologies
- Photo Manipulation/Enhancement Software
- Photo Sharing Software
- Power Supplies
- Processors
- Robotics
- Video Software
- Window/PC-Based Software

Telephones
- Call Screening Devices
- Caller ID
- Corded Telephones
- Cordless Battery Packs
- Cordless Phone Antennas
- Cordless Telephones
- Cords & Wire
- Handset Accessories
- Installation Gear
- Other Telephone Equipment
- Pay Telephones
- Plugs/Adapters/Jacks
- Prepaid Phone Cards
- TAD Care Products
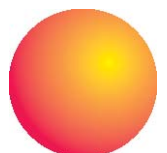- Telephone Answering Devices
- Video Phones

Vehicle Audio Electronics
- Audio
- Amplifiers
- CD Changers
- Crossovers
- Equalizers
- HD Radio
- Head Units with Cassette Players
- Head Units with CD Player
- Head Units with DAR/IBOC Capability
- Head Units with-MP3 Capability
- Head Units with Satellite Radio Capability
- Other Vehicle Audio Electronics
- Satellite Radio Receivers
- Speakers

Vehicle/Mobile Electronics
- Cabling
- CB Radios
- Depth Finders
- Hand-Held GPS Devices
- In-Dash Navigation Displays
- Insulation
- Mountings
- Navigation Antennas
- Other Vehicle/Mobile Electronics Products

Vehicle/Mobile Electronics (cont'd)
Portable Navigation Devices
Radar Detection
Remote Starters
Security
Trim & Appearance
Two-Way Radios (Family Band Radio)
Weather/Maritime Radios
Vehicle Video Electronics
CRT Monitors
DVD Players
DVD/Display Package Systems
DVD/VHS/Display Package Systems
Head Units with DVD Player
LCD Monitors
Other Vehicle Video Electronics
VHS/Display Package Systems
Videocassette Players/Recorders (VCP/VCR)
Video Accessories
8mm Blank Media
Antennas
Camcorder Accessories
CD-R/CD-RW
Connectors
Disc-Based Micro Storage Devices
Other Video Accessories
Recordable DVD
Remote Controls
Rewinders
Satellite Systems
    Cable
    C-Band Systems
    Computer/Satellite Link Equipment
    Diplexers
    DirecTV Systems
    Dishes Accessories
    Echostar Systems
    In-line Amplifiers
    LNBs
    Multi-Switches
Signal Modifiers
Solid State Memory Devices (Compact Flash)
Standard VHS
Storage Products
VCR Care
VHS-C
Wires & Cables
Video Components
Analog Camcorders
Cable TV Set-Top Boxes
Digital Camcorders
Digital VCRs

Digital/Personal Video Recorders (DVR,PVR)
Direct-View Analog Color TV
DVD Players
DVD Recordable
Flat Panel Displays All Types
Handheld Video Recorder (DVR/PVR)
Multi-room Video Products (excluding Digital TVs
Other Video Components
Other DBS/DSS
Other Satellite System Equipment
Satellite Set-Top Boxes
TV/VCR Combinations
VCR Decks
Wireless Communications
Analog Cellular Phones
Antennas
Battery Packs
Bluetooth-Based Devices
Cables
Camera Phone Accessories
Camera Phones
Carrying Cases
Chargers/Adapters
Digital Wireless Phones
Earpieces/Headsets
Faceplates
GPS Devices
Hand-Held Wireless Data Cards
Memory Cards
Mounting Hardware
Other Wireless Communications Products
Pagers
Paging Accessories
Prepaid Wireless Phones
Smart Phones
Two-Way Radios (Family Radio)
Wireless Email/Phone Devices
Wireless Gaming