

GEMBIRD ELECTRONICS LIMITED

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Gembird Electronics Ltd is an OEM/ODM manufacturer of various computer products in China. We specialize in power protection and mobile storage products where we are among the world biggest manufacturers.

We export a wide range of computer accessories and peripherals to distributors and OEM customers in many countries all over the world.

We have in-house strong R&D design team consisting of electronic engineers, CAD engineers, firmware designers, software developers, graphic

designers etc... Best quality of ingeniously designed products is our aim.

The reasons of our success are evident: competitive prices on a wide range of products, high quality based on vast experience in development and production.

Complete in-house R&D and production lines allow a prompt response to rapidly changing computer market demands.

Backed by aggressive marketing and developed user support services, we maintain an advantageous position in the computer business world.

T A B L E O F C O N T E N T S



NEW PRODUCTS

POWER PROTECTION

MOBILE STORAGE

COMPUTER CABLES, SWITCHES

MULTIMEDIA



SIS-PM

Intelligent advanced surge protector with unique features
4 sockets are manageable from the computer via USB
port

SISU-PM

Intelligent advanced surge protector with unique features
4 sockets are manageable from the computer via USB
port
UK sockets

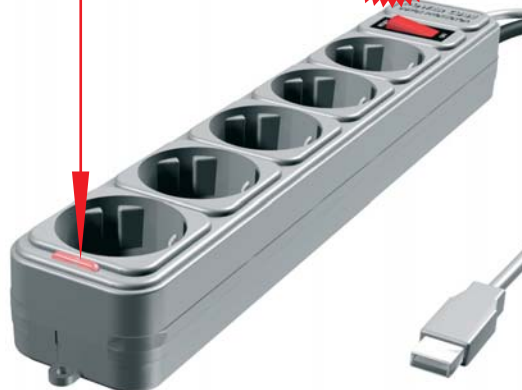
SIS-PM-BT

Silver shield with 4 sockets manageable via Bluetooth
(wireless, from computer, mobile phone or any other
Bluetooth device)
Up to 10 meters distance
The first Bluetooth intelligent sockets in the world



SIS-MS

Silver Shield with Master-Slave function
The slave sockets are automatically
switched on and off according to the device
connected to the master socket



PC-MS

Power Cube with Master-Slave function
The slave sockets are automatically switched on and off
according to the device connected to the master socket



GSU-600VA-PM

1. New compact design.
2. Battery 12V 7AH (optional 7.5AH) providing the output power of 600VA
3. Computer interface via RS-232 (optional – via USB)
4. Output sockets manageable from the computer (can be switched on and off by software)
5. Built-in AVR $\pm 30\%$ (optional)
6. Gembird® Power manager software (optional)



Short overview of
NEW
Gembird products
in 2004



CAS-441

CPU and Audio automatic switch

- PS/2 keyboard and PS/2 mouse emulation.
- Switching of the PCs audio channel.
- Option to switch automatically to the PC where a sound event occurs. Additional buzzer and LED indication of the sound event.
- Plug and Play keyboard and mouse initialization.
- Hot-plug connection of the computers without need to reboot.
- Standard PS/2 mouse, 3-buttons, scrolling wheel, Microsoft®, Logitech®, A4Tech®, Genius® 4-5 buttons mice support.
- Keyboard LEDs status saving and restoring.
- Mode and event LED indication.
- PC switching via front panel pushbuttons or keyboard hot keys.
- Auto Scan mode with intervals 4, 10, 30 sec.
- Video resolution up to 2048x1536, video bandwidth 250 MHz, DDC, DDC2, DDC2B
- No software required.



Short overview of
NEW
Gembird products
in 2004



CAS-841

CPU automatic switch with server events notification

Features

- PS/2 keyboard and mouse emulation.
- Optional the ServerEvents information mode: receiving and indication of the channel with the recent events ("Gembird® event sender" software is required for this function).
- Mode and event OSD and LED and buzzer indication.
- Optional HoldEvent mode – indication of the event will be continued until the channel is selected.
- Plug and Play keyboard and mouse initialization.
- Hot-plug connection of the computers without need to reboot.
- Standard PS/2 mouse, 3-buttons, scrolling wheel, Microsoft®, Logitech®, A4Tech®, Genius® 4-5 buttons mice support.
- Keyboard LEDs status saving and restoring.
- Computer boot-up LED indication.
- PC switching via front panel pushbuttons, keyboard hot keys, on screen display menu (OSD).
- AutoScan mode with intervals 4, 10, 30 secs.
- Optional automatic active computer sleeping mode blockage.
- Video resolution up to 2048x1536, video bandwidth 200 MHz, DDC, DDC2, DDC2B.
- 19" rack brackets included. Daisy-chainable.



CMS-421

CPU manual switch with emulation of the keyboard and the scrolling mouse
Desktop switch 4PCs to 1 user

Features:

- Plug and play keyboard and mouse emulation.
 - Saves and restores the keyboard LED status.
 - Keyboard and mouse automatic initialization after eventual PC hang-up.
- Supports Microsoft®, Logitech®, A4Tech®, Genius® 4-5 buttons mice



CMSU-421

In addition allows sharing one set of USB devices among 4 PCs.



GVS-122/GVS-124/GVS-128

Monitor splitters

Send PC video output to 2/4/8 monitors.

One input HD DB15 male connector, 2/4/8 output HD DB15 female connectors

Resolution: up to 2048x1536.

Bandwidth: 200MHz at -3dB

Transmission Distance: Computer to Monitor Splitter: 7.5M / 25FT, Monitors to Monitor Splitter: 75M / 250FT



MSIS-PM

Mini Silver shield with Power management
USB 1.1 computer interface
Intelligent power socket manageable from computer
Surge/spike protection built-in
Rocker switch and automatic circuit breaker
Indication of the socket status (on or off)
Gembird «Power manager» software supporting the following features:

1. Switching the socket on and off.
2. Switching the socket on/off when a certain event occurs (Windows or other programs startup/shutdown), typical applications include: "switch my scanner on when I want to scan" or "switch my printer off whenever I exit Windows" etc.
3. Software DLL for managing the socket from user applications or web-sites.
4. Software-based time scheduling of the events, typical applications include: "switch my peripherals on every working day at 8:50AM" etc.
5. Hardware-based time scheduling of the events. The hardware-based schedule will work even with the managing computer switched off.
6. Socket status indication (on/off).
7. Supports up to 16 mSIS-PM connected to the computer at the same time.
8. Windows-based graphical user interface



MSIS/MSIS-2/MSIS-3/MSIS-R/MSIS-TV

Compact size one socket Silver shield
Provides highly advanced surge protection
Optional fax/modem/telephone or ISDN protection
Optional TV socket protection
Attractive double blister retail package



SPG2-B-6/SPG2-B-10/SPG2-B-15

Surge protector with Basic protection
Protects computers and other office / home equipment from harmful power surges and spikes
5 AC sockets German type
Automatic circuit breaker 10A, trip-free mechanism
Power rocker switch with bulb
Basic surge protection built-in
Maximum surge voltage 4500V, maximum spike current 4500A
Flame-retardant ABS-plastic high quality case
6ft/10ft/15ft VDE-approved German plug power cord

SPX-B-6

Surge protector with Basic protection
5 AC sockets German type
6ft VDE-approved power extension cord



SPI-B-6

Surge protector with Basic protection
6 AC sockets German/Italian type
6ft VDE-approved power cord



SPB-B-6

Surge protector with Basic protection
Children protection sockets (for Belgium)
5 AC sockets French type with children protection
6ft VDE-approved power cord

SPF-B-6/SPF-B-10/SPF-B-15

Surge protector with Basic protection
5 AC sockets French type
6ft/10ft/15ft VDE-approved German plug power cord



SPU-6

Surge protector with advanced protection
5 AC sockets UK type
6ft BS-approved UK plug power cord
Telephone/fax/modem protection



SIS

Advanced surge protector with unique features:

- * Heavy-duty 3-line (neutral, hot and ground) protection from the harmful power surges and spikes
- * Radio-frequency noise filtration (EMI/RFI filter). Eliminates 99% noise for frequencies between 100KHz and 1GHz
- * VDE-approved 16A power cord and internal wires
- * Extra high energy rating
- * Detection of the wrong wiring of wall sockets (bulb indicator)
- * Detection of the grounding problems (bulb indicator)
- * Children protection sockets
- * Low power consumption
- * Metallic coating
- * Extra spaced socket for bulky power adapter

SIS-2

Telephone/fax/modem protection



SISN-BLACK

Black color

SISN-2-BLACK

Black color

With telephone/fax/modem protection



SIS-BRACKET

Bracket to fix Silver shield into 19" rack or cabinet



SISF

Silver metallic color
French sockets

SISF-2

Silver metallic color
French sockets
Telephone/fax/modem protection



SISFN-2-BLACK

Black color
French sockets
Telephone/fax/modem protection

SISFN-BLACK

Advanced surge protector with unique features
Black color
French sockets



SISPRO-2

- * Detection of the wrong wiring of wall sockets (bulb indicator)
- * Detection of the grounding problems (bulb indicator)
- * Detection of overloading (bulb indicator + warning beep)
- * Detection of overvoltage (bulb indicator + warning beep)
- * Children protection sockets
- * Low power consumption
- * Metallic coating
- * With telephone/fax/modem protection



SISU-2

- * Detection of the wrong wiring of wall sockets (bulb indicator)
- * Detection of the grounding problems (bulb indicator)
- * Metallic coating
- * Extra spaced socket for bulky power adapter
- * With telephone/fax/modem protection
- * UK sockets



GSU-600VA

- Uninterruptable power supply 600VA
- Protects data and valuable equipment
- Ergonomic attractive design
- Built-in advanced surge protection
- RF/EMI noise filter
- Automatic battery recharging
- Program manageable data backup
- Comprehensive LED and beep indication
- User manageable

GSU-600VA+

- Uninterruptable power supply 600VA
- Program manageable data backup
- Supplied with extra data interface cable and Power shield software CD



**FD-G32M/FD-G64M/FD-G128M/
FD-G256M/FD-G512M/FD-G1024M**

USB flash disk 32MB/64MB/256MB/512MB/1024MB
No driver needed for Windows ME/
2000/XP/Linux and Mac OS
Very light - about 20 grams
Robust and safe, shock resistant
Bootable, encryptable
900KB/sec - writing, 1000KB/sec - reading
Blister package

**FD2-64M/FD2-128M/FD2-256M/FD2-512M/
FD2-1024M**

F-drive USB 2.0. Up to 15MB data transfer rate.



**FD-C32M/FD-C64M/FD-C128M/
FD-C256M/FD-C512M/FD-C1024M**

**FD2-C32M/FD2-C64M/FD2-C128M/
FD2-C256M/FD2-C512M/FD2-C1024M**

F-drive in color box package



**FDR-C64M/FDR-C128M/FDR-C256M/
FDR-C512//FDR-C1024**

**FDR2-C64M/FDR2-C128M/FDR2-C256M/
FDR2-C512//FDR2-C1024**

Retractable design - never lose the cap



**FD-M32M/FD-M64M/FD-M128M/FD-M256M/
FD-M512M/FD-M1024M**

**FD2-M32M/FD2-M64M/FD2-M128M/
FD2-M256M/FD2-M512M/FD2-M1024M**

F-drive mini-size, suitable for the key ring.

**FMP3-128MB/FMP3-256MB**

F-drive MP3 128MB/256MB - hours of music!

Universal MP3 solution

Cost-effective, portable MP3 player with large memory capacity (128MB/256MB) and built-in voice recorder

Could be used as a removable USB Flash disk at the same time

Portable MP3 player will be with you everywhere

With large memory capacity hours of music can be stored

Specification:

- * Fully complies with USB specification 1.1
- * Fashionable design with convenient controls
- * 48, 44.1, 32, 24, 22.05, 16KHz sampling frequencies
- * Constant and variable bit rate (from 8 to 320 Kbps)
- * Built-in voice recorder: 32kBps, 8kHz, mono (4 bit), IMA ADPCM (64MB - about 4.5 hours)
- * Digital volume control
- * Graphical equalizer presets: Jazz, Rock, Classic, Pop, Normal
- * Battery Low indication
- * Frequency range: 20Hz - 20 kHz
- * Interface: USB 1.1
- * Memory built-in: 128MB/256MB

FMP3FM-128MB/FMP3FM-256MB

F-drive MP3 with FM radio

**FMP3FMR-128MB/FMP3FMR-256MB**

F-drive MP3 with FM radio and rechargeable batteries (via USB).





FDI

Flexi-drive internal with 3 cooling fans
Enables hot-swap and Plug-and-Play operation with IDE hard disks, ZIP, MO drives, other IDE devices
Compatible with Microsoft Windows 98/ME/2000/XP
Supports ultra-high UDMA-100 transfer speed
PCI 32 bit Flexi-Drive Internal interface card (FDIIC) provides IDE UDMA-100 interface for the FDI.



FDIIC

FDIIC is the PCI ATA-100 controller card which provides the high-speed UDMA-100 IDE interface to any computer equipped with PCI slot.



FD2-UF2

USB 2.0 speed - up to 20MByte per second data transfer rate
Use hard disks as floppies!
Hard disks stored in cartridges can be used just like diskettes with Flexi-Drive.
Cost-effective! Unlimited capacity! Fast!
Flexible to work with:
* Turn internal IDE-devices like ZIP or MO-drive into external ones!
* Swap drives without powering off your PC!
* Give new life to your old hard disks!
Easy to install and use:
* Universal firmware supports all IDE devices.
* Plug and Play
Reliable: 16 bit RISC microprocessor inside.

mFD2

Mini Flexi Drive 2.0
Pocket-size USB 2.0 mobile storage for data transfer and backup
9,5mm 2,5" hard disk drives solution

Advantages:

Cost-effective
Compact size, can be easily carried in a pocket.
Actual 15-20Mbyte per second transfer rate depending on the hard disk drive used
Capacity is determined by the capacity of the hard disk drive inserted in the enclosure
Compatible with USB 1.0 or USB 1.1 ports providing the same features at a reduced speed
Bundled with Gembird® DataSuite software
System requirements: personal computer equipped with USB 2.0 port running Windows 98/ME/2000/XP or Macintosh. No driver is required with the only exception of Windows 98.



MR-20I66F0/MR-20I66F2

Cartridge for mobile racks MR-2 series
UDMA-133.
Fully compatible with FlexI-Drive, mobile racks
2 cooling fans.



MR-21I66F1

Mobile rack for IDE HDD with keylock and cooling fan
UDMA-133

MR-21HI66F1/MR-21HI66F3

Mobile rack for IDE HDD with keylock and 1 or 3 cooling fans.
Hot-pluggable.
UDMA-133.



MR-22HI66F1/MR-22HI66F3

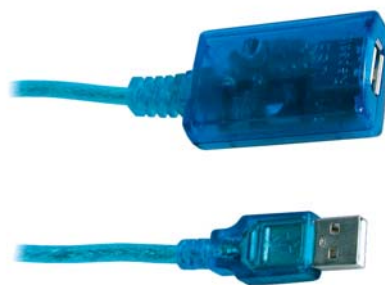
Mobile rack for IDE HDD with latch-lock and 1 or 3 cooling fans.
Hot-pluggable.
UDMA-133



CUM360

USB to Bitronics converter USB A plug/C36M 6ft cable

Allows to connect Bitronics printer via USB port.



UAE016

Allows to extend the length of USB cable up to 80 feet (25 meters), connecting 5 active extension cables one after another.

The USB active extension cable works like a USB hub and buffers all down-stream and upstream data traffic.

Both low-speed and high-speed USB devices will function equally well with the USB active extension cable.



UANC22

USB 2.0 Network Link Cable

Allows to build a fast network of up to 17 PCs via USB port

Extra fast - USB 2.0 speed

Compatible with USB 1.1

6 feet cable



UAPS12

USB to PS/2 USB A plug/MDIN6F * 2 ports 3ft cable

Allows to connect PS/2 mouse and PS/2 keyboard via USB port



UAS111

USB to serial port converter USB A plug/DB9M 3 ft cable

Allows to connect 56K modem or other RS232 device via USB port

UAS112

USB to serial port converter USB A plug/DB25M 3 ft cable

Allows to connect 56K modem or other RS232 device via USB port



UAU211

USB Quick Link (USB to USB converter)

Allows to connect 2 PCs via USB port to exchange data or share resources

6 feet cable



DS25-2

2 computers share 1 printer
2 input DB 25 Female, 1 output DB 25 Female connectors



DS25-4

4 computers share 1 printer
4 input DB 25 Female, 1 output DB 25 Female connectors



DS25-6

6 computers share 1 printer
6 input DB 25 Female, 1 output DB 25 Female connectors



DS25-X

Crossover switch for manual printer switches



DSU-2

USB data switch
Manual rotary switch
For printer, scanner or any other USB device
2 computers can share one USB device (or several devices connected to USB hub)
2 input USB connectors «B» male, one output USB connector «A» female



DSU-4

USB data switch
Manual rotary switch
For printer, scanner or any other USB device
4 computers can share one USB device (or several devices connected to USB hub)
4 input USB connectors «B» male, one output USB connector «A» female



MVS102/MVS104/MVS108

Sends PC video output to 2/4/8 monitors
1 input HD DB15 male connector
2/4/8 output HD DB15 female connectors



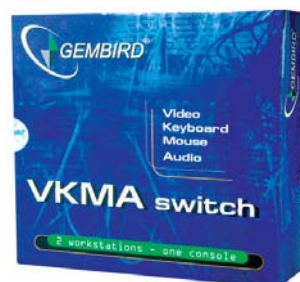
VKMS-2

Manual switch - one set of PS/2 keyboard, PS/2 mouse, monitor to control 2 CPUs



VKMS-4

Manual switch - one set of PS/2 keyboard, PS/2 mouse, monitor to control 4 CPUs



CAS-241

CPU and Audio automatic switch

- PS/2 keyboard and PS/2 mouse emulation.
- Switching of the PCs audio channel.
- Option to switch automatically to the PC where a sound event occurs. Additional buzzer and LED indication of the sound event.
- Plug and Play keyboard and mouse initialization.
- Hot-plug connection of the computers without need to reboot.
- Standard PS/2 mouse, 3-buttons, scrolling wheel, Microsoft®, Logitech®, A4Tech®, Genius® 4-5 buttons mice support.
- Keyboard LEDs status saving and restoring.
- Mode and event LED indication.
- PC switching via front panel pushbuttons or keyboard hot keys.
- Auto Scan mode with intervals 4, 10, 30 secs.
- Video resolution up to 2048x1536, video bandwidth 250 MHz, DDC, DDC2, DDC2B
- No software required.



CMS-221

CPU manual switch with emulation of the keyboard and the scrolling mouse

Desktop switch 2PCs to 1 user

Features:

- Plug and play keyboard and mouse emulation.
 - Saves and restores the keyboard LED status.
 - Keyboard and mouse automatic initialization after eventual PC hang-up.
- Supports Microsoft®, Logitech®, A4Tech®, Genius® 4-5 buttons mice



CMSU-221

Features:

- Plug and play keyboard and mouse emulation.
- Supports mouse with 3 buttons, scrolling wheel
- Compatible with Microsoft®, Logitech®, A4Tech®, Genius® 4-5 buttons mouse (CMSU-221S supports only mouse with 3 buttons and scrolling wheel).
- Saves and restores the keyboard LED status.
- Keyboard and mouse automatic initialization after eventual PC hang-up.
- Allows to share one set of USB devices among 2 PCs.



MUSORFO-GEM

Omni-scrolling RF Optical mouse
 Ever-lasting mouse - optical 800 dpi low power consumption sensor
 5 buttons with omni-directional scrolling ball
 Roll the ball and scroll the document in both the horizontal and vertical directions at the same time
 User-programmable buttons can be installed to perform most of the frequently-used commands as well as launch Quick and User menu
 Six green power saving modes are designed to prolong the battery life With rechargeable batteries - once charged for 6-8 hours the mouse can be used for a month without recharging.



MUSTORO-GEM

Omni-scrolling RF Optical mouse
 Ever-lasting mouse - optical 800 dpi low power consumption sensor
 5 buttons with omni-directional scrolling ball
 Touch-on feature - using conductive rubber the mouse feels when the hand is placed on it and when the hand is removed. When the hand touches the mouse it wakes up immediately - you don't have to move the mouse for some time before it gets awake
 Much longer battery life - when the hand is removed the mouse is put into the deepest sleep immediately



E-MIC

Desktop E-mail microphone

The easiest way to record and send the music or sound by E-mail
 Just one button does all the job - records the message and attaches it to the E-mail ready to be sent
 Short-time and long-time recording buttons
 Computer interface via the game port - does not interfere with any other peripherals connected to the game port

Technical specification:

Omni-directional condenser type microphone
 Sensitivity - 40db +/- 3db
 Frequency 50 - 16000Hz
 Adjustable microphone directivity for noise-canceling
 Plugs: 3,5mm stereo, DB-15M for the game port

Hardware requirements: personal computer equipped with a sound card and a game port. Compatible with Windows 98/ME/2000/XP.

The software "E-MIC monitor" supports the following features:

1. Any of the 2 buttons can be assigned the function of sending the E-mail immediately or recording the sound for future usage.
2. Recorded files management.
3. Optional compact MPEG Layer-3 sound compression.



WCS-600

Wooden cabinet speakers
Deep and clean sound
3D surround sound effect
Output power: 18W+18W(RMS)
P.M.P.O.: 600W
Speaker unit: tweeter:1.5" (shielded)
woofer:4" full range(shielded)
WCS-600U
UK plug



WCS-602G

Wooden cabinet speakers
Active computer speaker system
Natural quality sound
3D surround sound effect
P. M . P . O: 200W

WCS-602U

UK plug



WCS-606G

Wooden cabinet speakers
Active computer speaker system
Natural quality sound
3D surround sound effect
Output: 10 Watt (RMS), 180 Watt (P.M.P.O.)
Driver unit: Woofer 4"×2
Built-in power transformer

WCS-606U

UK plug



WCS-608G

Wooden cabinet speakers 250W
Active computer speaker system
Natural quality sound
3D surround sound effect
P. M . P . O: 250W

WCS-608U

UK plug



WCS-611G

Wooden cabinet speakers
Amplified full range sound computer speaker system
Deep and clean sound
3D surround sound effect
Output: 36 Watt (RMS), 576 Watt (P.M.P.O.)
Driver units: Woofer 4"×2, Tweeter 1,5"×2
Built-in power transformer

WCS-611U

UK plug



WCS-699G

Wooden cabinet speakers 600W
Amplified full range sound computer speaker system
Deep and clean sound
3D surround sound effect
Wooden cabinet
Output power: 18W+18W(RMS)
P.M.P.O.: 600W

WCS-699U

UK plug



WCS-838

Wooden cabinet speakers
Amplified full range 4.1 computer speaker system
Subwoofer and 4 satellites
Deep and clean sound
3D surround sound effect
Output power: 18W+5W*4
P.M.P.O.: 400W+100W*4
Speaker unit: subwoofer: 4" (shielded)
Satellite: 2"×4 pcs

WCS-YF-1

Digital Home Theater (subwoofer)
5.1 channels speaker system PMPO 1800w

Features:

AC-3 DTS ready
Individual 6-channel output
QSound 5.1-channel output
Individual controls for master volume, channel volume,
treble, bass, and MID EQ effect
Full-function flat remote control
Magnetically shielded
Adaptable for TV/CD/VCD/DVD
Output power: 35W+18W*5
Advanced US technology
High power & super bass clarity

**WCS-1200**

Output power: 20w+18w*2
Subwoofer: 5.25 inch
Satellite: 3.5inchrated impedance:4 ohm



WCS-1300

Output power: 20w+18w*2
Subwoofer: 5.25 inch
Satellite: 3inch
Rated impedance: 4 ohm
WCS-1400
Output power: 20w+18w*2
Woofer: 5.25 inch
Satellite: 3.5inch
Rated impedance: 4 ohm



WCS-1200-1

Output power: 30w+15w*5
Subwoofer : 5.25 inch, shielded
Satellite : 3.5 inch, shielded
Rated impedance : 4 ohm

WCS-1200-1

Output power: 30w+15w*5
woofer : 5.25 inch, shielded
satellite : 3.5 inch, shielded
rated impedance : 4 ohm





WCS-1000

Output power: 3w*2
P.M.P.O.: 100w
Impedance: 4ohm
Separation > 45 db
S/N ratio > 75db
3.5" full range driver



WCS-1100

Output power: 3w*2
P.M.P.O.: 100w
Impedance: 4ohm
Separation > 45 db
S/N ratio > 75db
3.5" full range driver



WCS-1300-1

Output power: 30w+15w*5
Woofer : 5.25 inch, shielded
satellite : 3.5 inch, shielded
Rated impedance : 4 ohm

