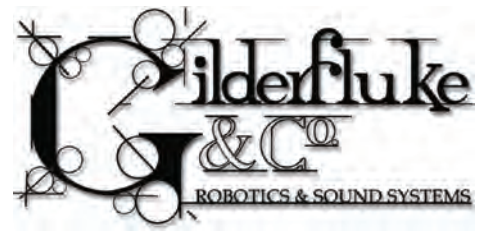
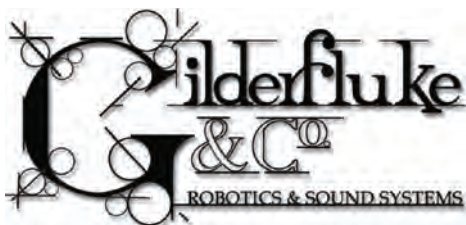


Price Catalogue





Quality, Affordable, Reliable and Innovative Products from a company you can trust!

Since 1983, Gilderfluke & Co. has designed and manufactured Animation Control Systems, and CD-Quality Digital Audio Repeaters which are used by theme parks, museums, waterparks, miniature golf courses and other attractions throughout the world. As the world leader in the field of entertainment electronics, we are the only company which can provide the entire electronic package for your project. All of our systems are modular, so off-the-shelf components can be plugged together to fit any job. Animation Control Systems are available with anywhere from four to thousands of outputs. We can provide Digital Audio Playback Systems with a single audio track, or as many outputs as needed.

Our Main office is located in Burbank, California. We provide products (custom and off the shelf), training (telephone, on-site or at our facility) and consultation to our customers. We appreciate you, our customers, for without you there would not be a Gilderfluke*.

GilderHeadquarters

205 South Flower Street
Burbank, CA 91502 USA

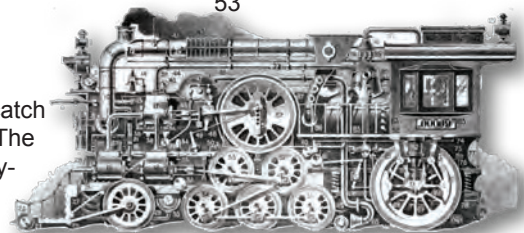
Toll Free: 1.800.776.5972
Order Line: 1.818.840.9484 / 1.407.354.5954
Fax Line: 1.818.840.9485

Sales: info@gilderfluke.com
URL: www.gilderfluke.com

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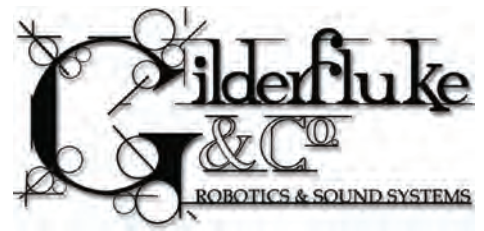
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* Eli Gilderfluke was an 'inventor' whose illustrations appeared in railroading trade magazines in the 19th Century. A precursor of Rube Goldberg in the 20th Century, he developed strange inventions for steam trains. These were things like a big scoop to catch the exhaust coming out of the smoke stack and feed it back into the engine's firebox. The verb "to Gilderfluke" something eventually came to mean improvised repairs (i.e.: "Jury-Rigging") on a piece of machinery. To the right is 'Gilderfluke's Perfected Locomotive' from the December 1897 issue of Railway and Locomotive Engineering Magazine.



Retail Price List

Effective August 2016





[Click on picture for more info](#)

Retail List
\$116.35

Br-MiniBrick4

The **Br-MiniBrick4** is a complete stand-alone Show Control System. It features a single 'trigger' input, and four high current outputs for driving solenoids, lights and relays.



[Click on picture for more info](#)

Retail List
\$224.83

Br-MiniBrick8

The **Br-MiniBrick8** is a complete stand-alone Show Control System. It features two 'trigger' inputs, DMX-512 input, two airplane-style servo motor control outputs and eight high current outputs for driving solenoids, lights and relays.



[Click on picture for more info](#)

Retail List
\$503.71

DAC-QUAD

The **DAC-QUAD** is used when you need to control anything that needs 0-10 vdc analog control voltage. These include animated shows, lighting, motion base simulators, pneumatic and hydraulic systems, special effects, signs, fountains and more



[Click on picture for more info](#)

Retail List
\$359.96

SER-DMX

The **SER-DMX** is used for controlling remote control-style ServoMotors from its micro Sd card, or from any Gilderfluke Animation Control System or other DMX-512 source. ServoMotors are an inexpensive way to add analog movements to animated figures.



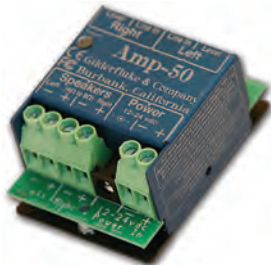
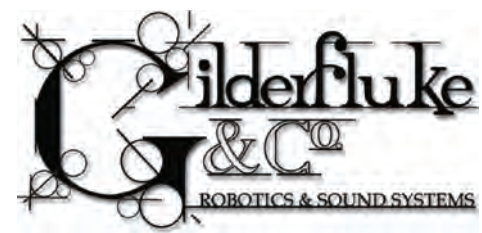
[Click on picture for more info](#)

Retail List
\$151.20

Serial Adapt2

The **Serial Adapt2** cable is used to attach a Br-MiniBrick4 to a PC for serial download and RealTime programming.

MP3 Audio Repeaters/ Show Controllers



[Click on picture for more info](#)

Retail List
\$191.50

Amp-50

The **Amp-50** is a Class-D stereo audio amplifier. Power output is roughly equivalent to a 200 Watt linear amplifier. Needs 12 to 24 vdc power. Two RA inputs. Screw terminal outputs.



[Click on picture for more info](#)

Retail List
\$192.71

Sd-10

The **Sd-10** is miniature stereo Mp3 and .wav AudioFile player. The Sd-10 holds up to 255 AudioFiles on MMC or Sd flash card. Includes RCA line level outputs, two trigger inputs and TTL serial port. Five operating modes.



[Click on picture for more info](#)

Retail List
\$192.71

Sd-10/stl

The **Sd-10/stl** is a version of the Sd-10 with one of the operating modes optimized for use as a backup audio source for radio and TV Studio Transmission Links (STLs). Holds up to 255 AudioFiles on a MMC or Sd flash card.



[Click on picture for more info](#)

Retail List
\$82.42

Sd-10/Starter Kit

The **Sd-10/Starter Kit** includes power supply, appropriate cables, SD flash card, Flash reader/writer & CD with software and manuals. **Sd-10 not included.** Recommended for first time buyers.

MP3 Audio Repeaters/ Show Controllers (continued)



[Click on picture for more info](#)

Retail List
\$356.40

Sd-25-w/DMX

The **Sd-25-w/DMX** is a complete solid state, high quality stereo audio playback system with DMX-512 Rx. It can be used in Store-Casting, Music-On-Hold, Museum, Safety, Haunt, Industrial or Entertainment applications.

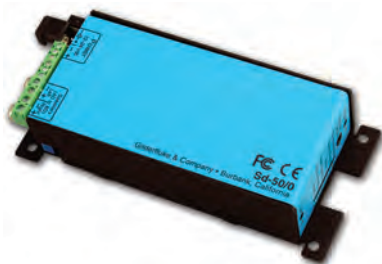


[Click on picture for more info](#)

Retail List
\$122.41

Sd-25/Starter Kit

The **Sd-25/Starter Kit** includes power supply, appropriate cables, SD flash card, Flash reader/writer & CD with software and manuals. **Sd-25-w/DMX** not included. Recommended for first time buyers.



[Click on picture for more info](#)

Retail List
\$613.65

Sd-50/0

The **Sd-50/0** is an industrial MP3 Player with MMC/Sd Audio storage 100 Watt Class-D Amplifier with an RS-232 serial port and eight opto-isolated trigger inputs.



[Click on picture for more info](#)

Retail List
\$276.34

Sd-50/0 Starter Kit

The **Sd-50/0 Starter Kit** includes power supply, appropriate cables, SD flash card, Flash reader/writer & CD with software and manuals. **Sd-50/0** not included.



[Click on picture for more info](#)

Retail List
\$926.81

Sd-50/8

The **Sd-50/8** is a complete stand alone stereo audio playback system with 8 Show Control Outputs. The show control and DMX-512 outputs make it into a complete Audio and Show Control solution.



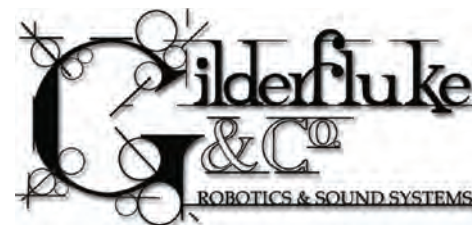
[Click on picture for more info](#)

Retail List
\$276.34

Sd-50/8 Starter Kit

The **Sd-50/8 Starter Kit** includes power supply, appropriate cables, SD flash card, Flash reader/writer & CD with software and manuals. **Sd-50/8** not included.

MP3 Audio Repeaters/ Show Controllers (continued)



[Click on picture for more info](#)

Retail List
\$1,064.90

Sd-50/40

The **Sd-50/40** is a complete stand alone stereo audio playback system with 40 Show Control Outputs. The show control and DMX-512 outputs make it into a complete Audio and Show Control solution.



[Click on picture for more info](#)

Retail List
\$378.14

Sd-50/40 Starter Kit

The **Sd-50/40 Starter Kit** includes power supply, appropriate cables, SD flash card, Flash reader/writer & CD with software and manuals. **Sd-50/40** not included.



[Click on picture for more info](#)

Retail List
\$1,448.41

Sd-50/GPS8

The **Sd-50/GPS8** is a complete Audio and Show Control solution with 8 Show Control Outputs. The Satellite Synchronized GPS option allows sounds and shows to be scheduled to play at any time of day or night with phenomenal accuracy.



[Click on picture for more info](#)

Retail List
\$1,710.06

Sd-50/GPS40

The **Sd-50/GPS40** is a complete Audio and Show Control solution with 40 Show Control Outputs. The Satellite Synchronized GPS option allows sounds and shows to be scheduled to play at any time of day or night with phenomenal accuracy.



[Click on picture for more info](#)

Retail List
\$64.24

Sd-RS/232

The **SSd-RS/232** is an adapter to add a RS-232 serial port to either a **Sd-10** (v1.3+) or **Sd-25-w/DMX** (v1.6+). Provides a single 3.5mm jack for RS-232 connection.



[Click on picture for more info](#)

Retail List
\$64.24

Sd-RS/422

The **Sd-RS/422** is an adapter to add a RS-422 serial port to a **Sd-25-w/DMX** (v1.6+). Provides a single RJ-12 jack for RS-422 connection.



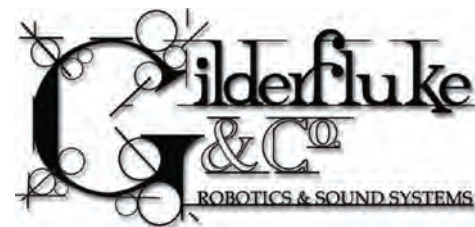
[Click on picture for more info](#)

Retail List
\$25.45

MP3/50 Cable

The **MP3/50 Cable** is a RS-232 Serial cable for Mp3-50-8 or Mp3-50-40, 1/8" to DE-09.

PC•MACs Full-Sized Show Control Systems



[Click on picture for more info](#)

Retail List
\$699.60

MACs-License

With **MACs-License** you can program and review up to 16 eight bit wide channels in RealTime using just the PC's keyboard and mouse with no additional hardware needed.



[Click on picture for more info](#)

Retail List
\$ Free w/purchase

PC•MACs

Software to turn a PC into a Show Control System. Runs on any PC with Windows '98 or later. All editing features are available for programming.



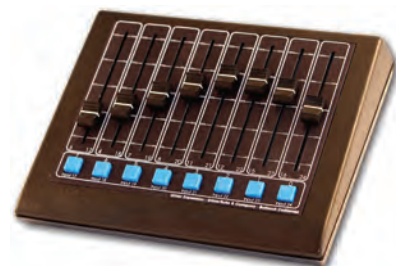
[Click on picture for more info](#)

Retail List
\$15.00*

*Free w/Purchase

GilderThumbDrive

The USB **GilderThumbDrive** contains all Gilderfluke printed material and software. Every video, manual, cut sheet, and piece of software we offer is all on each **GilderThumbDrive**. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$954.00

USB-Slider Console

The **USB-Slider Console** plugs into your PC via the included USB cable. It will appear as a standard gaming joystick to your PC, which allows it to be used with the PC•MACs' Soft Console feature



[Click on picture for more info](#)

Retail List
\$1,549.00

MACs-Universal-Pro

The **MACs-Universal-Pro** is a full-sized Programming Console with eight 100mm motorized sliders, LCD 'scribble' bar and transport controls. USB connection to PC. Expandable with up to three MACs-Universal-Exp Expansion Consoles.



[Click on picture for more info](#)

Retail List
\$1,050.00

MACs-Universal-Exp

The **MACs-Universal-Exp** is an Expansion Console for the MACs-Universal-Pro Consoles. Eight 100mm motorized sliders, LCD 'scribble' bar. Up to three can be added for 32 sliders/digitals at one time.



[Click on picture for more info](#)

Retail List
\$2,163.00

USB-MbJoystick

The **USB-MbJoystick** is used to program motion base platforms. When the **USB-MbJoystick** is combined with our **PC•MACs** hardware and software, you can easily 'fly' three or six axis motion base platforms in real time.

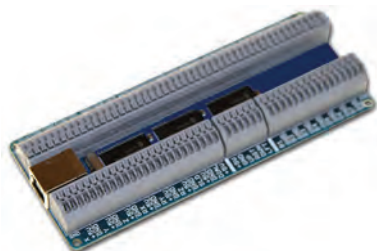


[Click on picture for more info](#)

Retail List
\$ Call For Price

MACs-Cust

The **MACs-Cust** is a 1-3/4 x 19" Custom Console for use with **PC•MACs**. Up to 256 eight bit resolution inputs, or 2048 digital inputs. Built to order.



[Click on picture for more info](#)

Retail List
\$159.00

USB-AtoD Do-It-Yourself Programming Console

The **USB-AtoD** is a small printed circuit board with connections for: Full speed USB 2.0 to your computer; 8 analog inputs featuring 12 bits of resolution (4096 steps 12 the zero and full); 12 digital (on/off) switch closure inputs



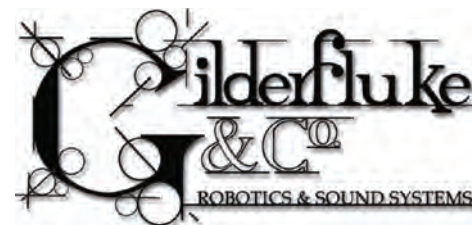
[Click on picture for more info](#)

Retail List
\$241.80

USB-to-DMX512

The **USB-to-DMX512** is a galvanically isolated 'open' USB-to-DMX512 adapter. Built inside a standard Neutrik five pin female XLR connector, this USB-to-DMX512 converter supports one 512 channel universe in or out.

Accessories for all 'Brick Systems'



[Click on picture for more info](#)

Retail List
\$150.00

Modem-Internet

The **Modem-Internet** allows serial connection to the Ethernet and then to the Internet. Used for remote monitoring, program downloads, diagnostics and control of almost any Gilderfluke system. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$192.71

Ir-Thru

The **Ir-Thru** is an Infrared Beam-Break detector for starting shows/ sounds when light beam is broken. Transmitter and detector allow up to 50' range. Industrial quality.



[Click on picture for more info](#)

Retail List
\$155.14

Ir-Retro

The **Ir-Retro** is an Infrared Beam-Break detector for starting shows/ sounds when light beam is broken. Transmitter and detector allow up to 13' range. Industrial quality.



[Click on picture for more info](#)

Retail List
\$56.96

Ir-Passive

The **Ir-Passive** is a Passive infrared Motion detector for starting shows/ sounds when people are detected. Ignores small critters. Up to 40' x 40' coverage.



[Click on picture for more info](#)

Retail List
\$191.50

Ir-Tx

The **Ir-Tx** is an Infrared Remote Transmitter that transmits requests for one of 255 possible different spiels to the **Ir-Rx** and **Linx-Rx** Infrared Remote Receivers.

Accessories for all 'Brick Systems' (continued)

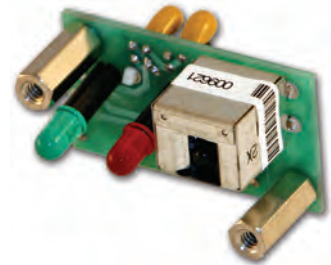


[Click on picture for more info](#)

Retail List
\$31.80

Sd-IR/Rx

On applications where a **Sd-10**, **Sd-25-w/DMX**, **Sd-50/8**, **Sd-50/40** or 'Smart' Brick Show Control System is mounted on a moving vehicle, wiring trigger signals to them is usually impractical. The InfraRed Trigger link can be used to request and play specific messages without any wires.



[Click on picture for more info](#)

Retail List
\$76.36

Ir-Rx

The **Ir-Rx** is an Infrared Remote Receiver with an RJ-12 connector output for direct connection to all Gilderfluke & Co. RS-422 serial ports. Runs from any 9 to 24 vdc source of power. This can usually be 'borrowed' from the repeater.



[Click on picture for more info](#)

Retail List
\$109.08

Linx-Rx

The **Linx-Rx** is a short range wireless receiver that when used with the **Linx-Fob5** or **Linx-Tx8** form an eight channel short range wireless link.



[Click on picture for more info](#)

Retail List
\$48.97

Linx-Fob5

The **Linx-Fob5** is a miniature 5 button transmitter that when used with the **Linx-Rx** or **Linx-Tx8** form an eight channel short range wireless link.

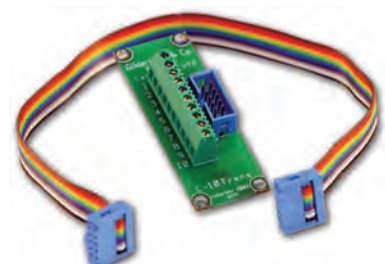


[Click on picture for more info](#)

Retail List
\$51.51

Linx-Tx8

The **Linx-Tx8** is an 8 button transmitter that when used with the **Linx-Rx** form an eight channel short range wireless link.



[Click on picture for more info](#)

Retail List
\$51.51

C-10StartKit

The **C-10StartKit** is recommended for the **Linx-Fob5**, **Linx-Rx** or **Linx-Tx8**. The **C-10StartKit** includes **C-10Trans**, **C-10IDS** and one foot long **C-10F** to make wiring easier. Recommended for first time buyers.

Accessories for all 'Brick Systems' (continued)



[Click on picture for more info](#)



[Click on picture for more info](#)

Retail List
\$25.45

USB-Card-Rd/Wr
Requires no software or drivers. For programming Secure Digital (Sd) memory cards. Part may differ from shown.

Retail List
\$7.27

GilderTweaker
The **GilderTweaker** contains 3 flat blade screwdrivers and 2 cross blade screwdrivers. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$22.20

MC-Sd/2GB
2GB Secure Digital (Sd) Flash Card. Part may differ from shown.

Analog Input, Output and Servo Motor Control



[Click on picture for more info](#)

Retail List
\$134.53

DAC-08

The **DAC-08** Single D/A Converter takes the Digital data stored in an animation system and converts it back to an analog signal.



[Click on picture for more info](#)

Retail List
\$530.54

BT-Servo

The **BT-Servo** and **BT-DMX** are used for wireless control of remote control-style ServoMotors from a **PC•MACs** Animation Control System, **Br-Brain4**, **Sd-50** or any other source of DMX-512 data.



[Click on picture for more info](#)

Retail List
\$767.02

BT-DMX

The **BT-Servo** and **BT-DMX** are used for wireless control of remote control-style ServoMotors from a **PC•MACs** Animation Control System, **Br-Brain4**, **Sd-50** or any other source of DMX-512 data.



[Click on picture for more info](#)

Retail List
\$321.18

Amp-BiPolar

The **Amp-BiPolar** is a four channel amp that converts voltage swings of 0 to 10 vdc to +/- 10 vdc.

'Brick' Card Cage Systems



[Click on picture for more info](#)

Retail List
\$884.00

Br-Brain4

The **Br-Brain4** combines the functions of earlier 'Smart' Brick Brains with the DMX-512 storage and output features of the Br-SmartMedia. With the right output cards, it can control anything that can be manipulated with an electronic signal.



[Click on picture for more info](#)

Retail List
\$703.10

Br-MultiBrick32

The **Br-MultiBrick32** is a complete thirty-two digital output Show Control System. The **Br-MultiBrick32** runs as a 'Dumb' Brick or a 'Smart' Brick.



[Click on picture for more info](#)

Retail List
\$1,150.52

Br-ANA

The **Br-ANA** is used when you need to control anything that needs a 0-10 vdc analog control voltage. These include animated shows, lighting, motion base simulators, pneumatic and hydraulic systems.

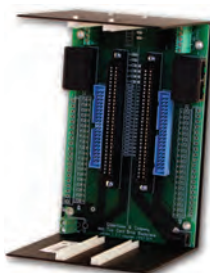


[Click on picture for more info](#)

Retail List
\$543.30

Z-Brick (Br-ZBR)

The **Z-Brick** is a complete thirty-two digital output Show Control System. The **Z-Brick** runs standalone, or as a 'master' or a 'slave' on a DMX-512 network.

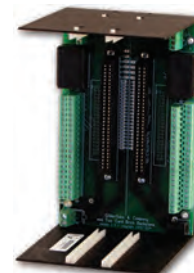


[Click on picture for more info](#)

Retail List
\$239.98

Br-CC03

The **Br-CC03** Card Cage with two 40 Pin J-6 Connectors can be used to mount two Smart or Dumb Brick cards.



[Click on picture for more info](#)

Retail List
\$298.15

Br-CC04

The **Br-CC04** Card Cage with two 40 position screw terminals can be used to mount two Smart or Dumb Brick cards.

'Brick' Card Cage Systems (continued)



[Click on picture for more info](#)

Retail List
\$395.72

Br-CC07

The **Br-CC07** Card Cage with two 40 pin J-6 connectors and two 40 position screw terminals can be used to mount two Smart or Dumb Brick cards.



Note: Shown with Br-ANA installed. Br-ANA is not included.

[Click on picture for more info](#)

Retail List
\$198.50

Br-CC08

The **Br-CC08** Card Cage is a single slot card cage which is used to enclose and protect a single 'Brick' card. It provides better physical protection for the card for a more 'industrial' look than our other open frame single card cages.



[Click on picture for more info](#)

Retail List
\$455.71

Br-CC09

The **Br-CC09** is a 19" rack mounted card cage with two 40 position J-6 connectors on the back that can be used to mount two Smart or Dumb Brick cards.

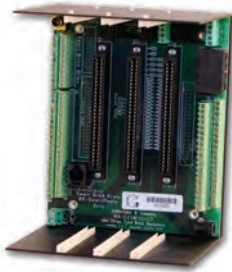


[Click on picture for more info](#)

Retail List
\$233.92

Br-CC10

The **Br-CC10** Card Cage with ribbon cable can be used to mount one Smart 'Brick' Brain and two Smart 'Brick' Cards.



[Click on picture for more info](#)

Retail List
\$431.47

Br-CC11

The **Br-CC11** Card Cage with screw terminals can be used to mount one Smart 'Brick' Brain and two Smart 'Brick' Cards.

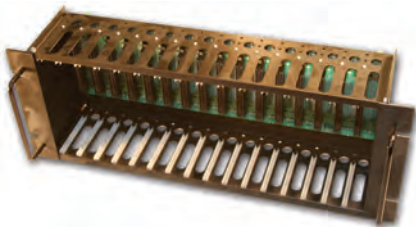


[Click on picture for more info](#)

Retail List
\$471.47

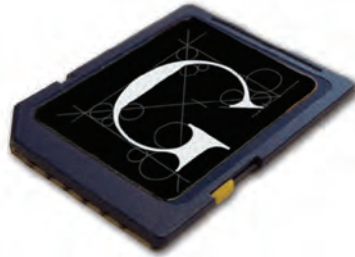
Br-CC12

The **Br-CC12** Card Cage with both ribbon cable and screw terminals can be used to mount one Smart 'Brick' Brain and two Smart 'Brick' Cards.



[Click on picture for more info](#)

Retail List \$1,119.89	<p>Br-CC16 Rack Mounted Card Cage For Up To 16 Micro MACs Cards</p> <p>The Br-CC16 iCard Cage holds up to sixteen Micro MACs cards in 7" of a standard 19" rack with sixteen J-6 outputs.</p>
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[Click on picture for more info](#)

Retail List
\$60.00

v-HdGilderScript

Delivered on an Sd card, the **v-HdGilderScript** is a ready-to-go script that eliminates the need to write custom scripts for most applications. Works with **v-Hd223**, **v-Hd1023**, **v-Xd233**, **v-Xd1033**, **v-Xt243** and **v-Xt1143** video players using the **v-Hd-to-1/4J6** or **v-Hd-to-DMX**.



[Click on picture for more info](#)

Retail List
\$174.00

v-HdStartKit

The **v-HdStartKit** is for triggering high-definition video players. Works with **v-Hd223**, **v-Hd1023**, **v-Xd233**, **v-Xd1033**, **v-Xt243** and **v-Xt1143** video players using the **v-Hd-to-1/4J6** Adapter (included). The **v-HdGilderScript** is delivered on the included Sd card.



[Click on picture for more info](#)

Retail List
\$250.00

v-LS423

The **v-LS423** is an interactive High Definition Video Player with 10/100 Ethernet and USB-C.



[Click on picture for more info](#)

Retail List
\$50.00

v-Hd-to-Rf

The field upgradable **v-Hd-to-Rf** enables the v-LS, v-Hd, v-Xd and v-Xt video players to network using Wi-Fi and operate BrightBeacon via Bluetooth. Works with **v-LS423**, **v-Hd223**, **v-Hd1023**, **v-Xd233**, **v-Xd1033**, **v-Xt243** and **v-Xt1143**



[Click on picture for more info](#)

Retail List
\$350.00

v-Hd223

The **v-Hd223** is an interactive High Definition Video Player with Gigabit Ethernet, GPIO, Analog/Digital Audio Out & IR In/Out.



[Click on picture for more info](#)

Retail List
\$533.75

v-Hd223/DMX

The **v-Hd223/DMX** is a combination of the **v-Hd223** video player, the **v-Hd-to-DMX** and **v-HdGilderScript** that allows anyone to add synchronized audio and high definition video to any venue with DMX-512.

Digital Signage / Video Playback System (continued)



[Click on picture for more info](#)

Retail List
\$450.00

v-Hd1023

The **v-Hd1023** is a interactive high definition video player with Gigabit Ethernet, GPIO, Analog/Digital Audio Out, IR In/Out, USB-A and RS232.



[Click on picture for more info](#)

Retail List
\$633.75

v-Hd1023/DMX

The **v-Hd1023/DMX** is a combination of the **v-Hd1023** video player, the **v-Hd-to-DMX** and **v-HdGilderScript** that allows anyone to add synchronized audio and high definition video to any venue with DMX-512.



[Click on picture for more info](#)

Retail List
\$450.00

v-Xd233

The **v-Xd233** is a interactive 4K Ultra High Definition Video Player with Gigabit Ethernet, GPIO, Analog/Digital Audio Out and IR In/Out.



[Click on picture for more info](#)

Retail List
\$633.75

v-Xd233/DMX

The **v-Xd233/DMX** is a combination of the **v-Xd233** video player, the **v-Hd-to-DMX** and **v-HdGilderScript** that allows anyone to add synchronized audio and high definition video to any venue with DMX-512.



[Click on picture for more info](#)

Retail List
\$550.00

v-Xd1033

The **v-Xd1033** is a interactive 4K Ultra High Definition Video Player with Gigabit Ethernet, GPIO, Analog/Digital Audio Out, IR In/Out, USB-A, USB-C AND RS232.



[Click on picture for more info](#)

Retail List
\$733.75

v-Xd1033/DMX

The **v-Xd1033/DMX** is a combination of the **v-Xd1033** video player, the **v-Hd-to-DMX** and **v-HdGilderScript** that allows anyone to add synchronized audio and high definition video to any venue with DMX-512.



[Click on picture for more info](#)

Retail List
\$550.00

v-Xt243

The **v-Xt243** is a Interactive 4K Ultra High Definition Video Player with Gigabit Ethernet, GPIO, Analog/Digital Audio Out and IR In/Out.



[Click on picture for more info](#)

Retail List
\$733.75

v-Xt243/DMX

The **v-Xt243/DMX** is a combination of the **v-Xt243** video player, the **v-Hd-to-DMX** and **v-HdGilderScript** that allows anyone to add synchronized audio and high definition video to any venue with DMX-512.



[Click on picture for more info](#)

Retail List
\$650.00

v-Xt1143

The **v-Xt1143** is a 4K Ultra High Definition Video Player with Video Input, Gigabit Ethernet, GPIO Analog/Digital Audio Out, IR In/Out, USB-A, USB-C and RS-232.



[Click on picture for more info](#)

Retail List
\$833.75

v-Xt1143/DMX

The **v-Xt1143/DMX** is a combination of the **v-Xt1143** video player, the **v-Hd-to-DMX** and **v-HdGilderScript** that allows anyone to add synchronized audio and high definition video to any venue with DMX-512.



[Click on picture for more info](#)

Retail List
\$63.60

v-Hd-to-1/4J6

The **v-Hd-to-1/4J6** isolates the delicate, logic level inputs of the **v-Hd223**, **v-Hd1023**, **v-Xd233**, **v-Xd1023**, **v-Xt243** and **v-Xt1143** video players from the hazards of the outside world. Each input is optically isolated as it passes through the **v-Hd-to-1/4J6**.



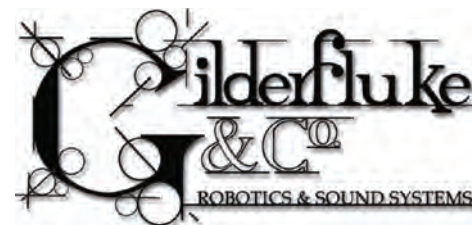
[Click on picture for more info](#)

Retail List
\$178.00

v-Hd-to-DMX

The **v-Hd-to-DMX** converts standard DMX-512 output to the connector on the **v-Hd223**, **v-Hd1023**, **v-Xd233**, **v-Xd1023**, **v-Xt243** and **v-Xt1143** video players. It listens to any stream of DMX-512 to select video files and triggers them.

Digital Signage / Video Playback System (continued)



[Click on picture for more info](#)

Retail List
\$60.00

v-VGA/AV
VGA to RCA Composite and
S-Video Converter

The **v-VGA/AV** outputs a v-Hd410, v-Hd-1010 or a computer's VGA display onto a regular television set. Supports both NTSC and PAL.



[Click on picture for more info](#)

Retail List
\$218.16

LC-8SP

The **LC-8SP Rack Mount AC Relay** has eight solid state AC relays in a 19" rack mountable enclosure. Includes 1/4 J6 adapter.



[Click on picture for more info](#)

Retail List
\$64.24

LC-8SP Adapter

The **LC-8SP Adapter** is for use with the LC-8SP.

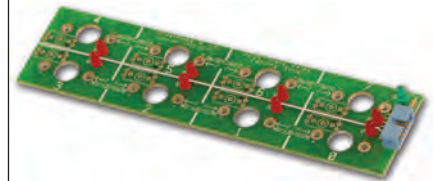


[Click on picture for more info](#)

Retail List
\$462.98

DRV-05

The **DRV-05** is an eight channel optoisolated H-bridge output driver with outputs rated 2.5.



[Click on picture for more info](#)

Retail List
\$89.08

SSR-FS

The **SSR-FS** is a Solid state Relay Fanning Strip for attaching eight high current 'hockey puck' relays (see SSR-25A). 1/4 J6 digital input, output attaches directly to relays.



[Click on picture for more info](#)

Retail List
\$239.37

SSR-FS/HOA

The **SSR-FS/HOA** is a Hand/Off/Auto Solid State Relay Fanning Strip for attaching eight high current 'hockey puck' relays (see SSR-25A). 1/4 J6 digital input, output attaches directly to relays.



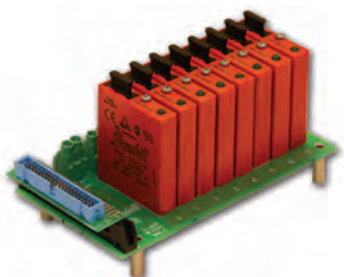
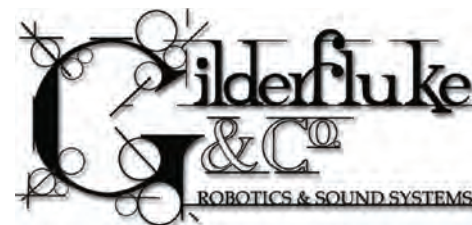
[Click on picture for more info](#)

Retail List
\$47.87

SSR-25A

The **SSR-25A** is a 24-240 vac x 25 amp Solid State 'Hockey Puck' Relay for SSR-FS and SSR-FS/HOA Relay Fanning Strips.

Relay and Switch Outputs (continued)

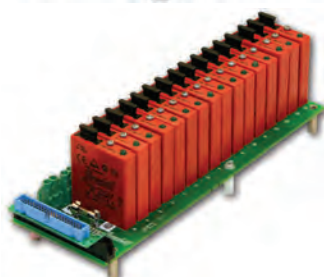


[Click on picture for more info](#)

Retail List
\$289.06

PB-08

The **PB-08** is a Solid State Relay Mounting Board with 8 output modules (specify 24-240 vac, 3-60 vdc, or mixed).



[Click on picture for more info](#)

Retail List
\$524.11

PB-16

The **PB-16** is a Solid State Relay Mounting Board with 16 output modules (specify 24-240 vac, 3-60 vdc, or mixed).

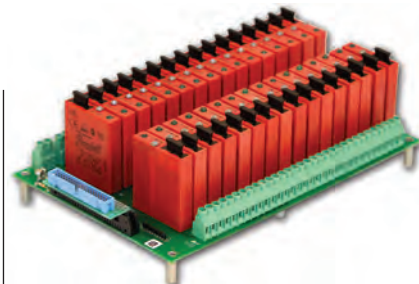


[Click on picture for more info](#)

Retail List
\$726.11

PB-24

The **PB-24** is a Solid State Relay Mounting Board with 24 output modules (specify 24-240 vac, 3-60 vdc, or mixed).



[Click on picture for more info](#)

Retail List
\$907.72

PB-32

The **PB-32** is a Solid State Relay Mounting Board with 32 output modules (specify 24-240 vac, 3-60 vdc, or mixed).

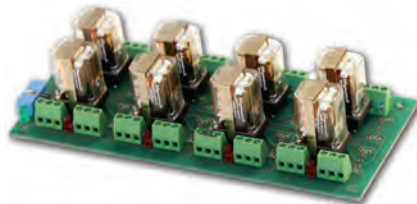


[Click on picture for more info](#)

Retail List
\$203.01

RD-RLY

The **RD-RLY** is a Electromechanical Relay Board with 8 relays. 500 milliamps at 200 volts.

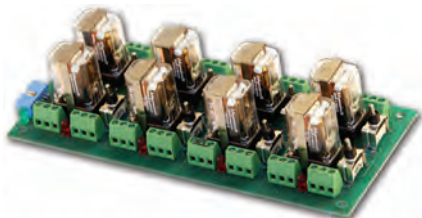


[Click on picture for more info](#)

Retail List
\$562.60

DPDT

The **DPDT** is a Electromechanical Relay Board with eight 5 amp double pole, double throw relays 1/4 J6 in, screw terminals for outputs.



[Click on picture for more info](#)

Retail List
\$659.63

DPDT/HOA

The **DPDT/HOA** is a Hand/Off/Auto Electromechanical Relay Board with eight 5 amp double pole, double throw relays. 1/4 J6 in, screw terminals for outputs.



[Click on picture for more info](#)

Retail List
\$44.84

PB-Cable

The **PB-Cable** is a I/O Module Adapter Cable. Allows a Grayhill "G5" PB-08, PB-16, PB-24, or PB-32 to be attached to a J-6 digital output cable.



[Click on picture for more info](#)

Retail List
\$543.30

PB-DMX/0

The **PB-DMX/0** is a Relay Controller for PB-08 through PB-32 Grayhill 'G5' relay boards. Uses DMX-512 input, RS-232 serial input, or onboard memory.



[Click on picture for more info](#)

Retail List
\$678.88

PB-DMX/08

The **PB-DMX/08** is a Relays and Controller using DMX-512 input or onboard memory. With Relay Mounting Board with eight Output Modules (specify AC, DC or mixed).

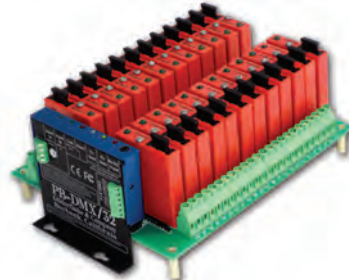


[Click on picture for more info](#)

Retail List
\$883.40

PB-DMX/16

The **PB-DMX/16** is a Relays and Controller using DMX-512 input or onboard memory. With Relay Mounting Board with sixteen Output Modules (specify AC, DC or mixed).



[Click on picture for more info](#)

Retail List
\$1,053.44

PB-DMX/24

The **PB-DMX/24** is a Relays and Controller using DMX-512 input or onboard memory. With Relay Mounting Board with twenty-four Output Modules (specify AC, DC or mixed).



Click on picture for more info

Retail List
\$1,249.01

PB-DMX/32
The **PB-DMX/32** is a Relays and Controller using DMX-512 input or onboard memory. With Relay Mounting Board with thirty-two Output Modules (specify AC, DC or mixed).

Input Keypads

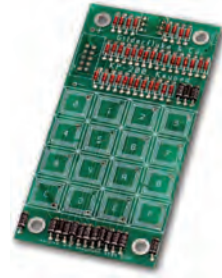


[Click on picture for more info](#)

Retail List
\$214.52

Kp-200

The **Kp-200** Single Entry Keypad is used with our Animation Control Systems and Digital Audio Repeaters when you need to call up a single show or spiel.



[Click on picture for more info](#)

Retail List
\$89.08

Kp-200/wo

The **Kp-200/wo** is the same as the Kp-200, but without any switches. You can attach any kind of momentary pushbuttons to the Kp-200/wo.



[Click on picture for more info](#)

Retail List
\$1,301.04

Kp-300

The **Kp-300** is an operator panel that can be used in a Motion Base or any other Smart Brick application. With the addition of a three slot card cage on its back, the Kp-300 can become a complete motion base control system in just 5-1/4" (3U) of 19" rack space.



[Click on picture for more info](#)

Retail List
\$3,465.13

Kp-300-DMX

The **Kp-300-DMX** package includes the Kp-300 with Br-Brain4, Br-CC10 Card Cage and cables.



[Click on picture for more info](#)

Retail List
\$3,764.90

Kp-300-ANA

The **Kp-300-ANA** package includes the Kp-300 with Br-Brain4, Br-ANA, Br-CC10 Card Cage and cables. Sixteen 0-10vdc Outputs.



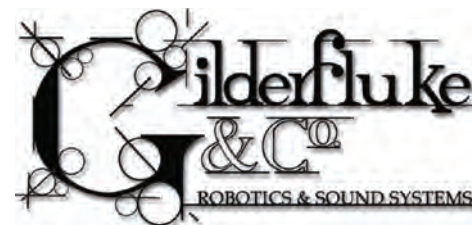
[Click on picture for more info](#)

Retail List
\$1,370.92

Kp-300-EXP

The **Kp-300-EXP** is an Input Expansion for KP-300. Adds up to 52 optically isolated inputs and 14 outputs.

Pneumatic & Hydraulic Controls



[Click on picture for more info](#)

Retail List
\$1,243.30

Br-EPB

The **Br-EPB** is a four axis electronic feedback controller with compliance. It is used when you need to close an analog servo loop used to control pneumatic, hydraulic or electric actuators. Used in animated shows, motion bases, industrial systems, special effects, fountains, and more.

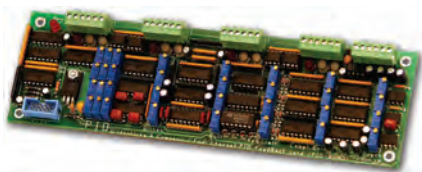


[Click on picture for more info](#)

Retail List
\$413.29

EPB-QUAD

The **EPB-QUAD** is an Electronic Feedback (EPB) Controller for cylinders with 10K feedback and servo valves.

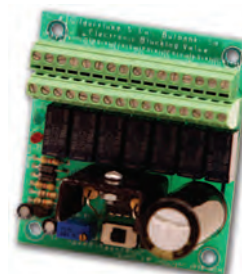


[Click on picture for more info](#)

Retail List
\$791.34

PID-QUAD

The **PID-QUAD** is a higher performance Electronic Feedback (EPB) Controller for cylinders with 10K feedback and servo valves.



[Click on picture for more info](#)

Retail List
\$353.30

BLK-VALVE

The **BLK-VALVE** is a small board that provides an independent voltage across your servo valves to force them home under emergency conditions. Attaches between the EPB-Quad or PID-Quad and the servo valves. Used in motion base applications.



[Click on picture for more info](#)

Retail List
\$664.81

LG-DMX-DC

The **LG-DMX-DC** DMX-512 to DC Dimmer Modules is a complete DC in to DC out dimmer module. DMX-512 input, pulse width modulated DC Output Dimmer. Eight channels of 9 to 24 vdc at 5 amps each. Can be set to any DMX-512 address.



[Click on picture for more info](#)

Retail List
\$292.50

DP-DMX20L

The **DP-DMX20L** is a four channel DMX-512 input dimmer pack. 600 Watts/channel, 2400 Watts/20 Amps Maximum. Line cord input/socket outputs. Made by Elation.



[Click on picture for more info](#)

Retail List
\$508.80

DP-DMX640

The **DP-DMX640** previously known as DP-DMX 610 is a six channel hybrid DMX pack - serves as dimmer or power pack. Six position dip switches for Panic function. 10A per channel / 20A per phase - 40A total with 20A plugs. Made by Elation.



[Click on picture for more info](#)

Retail List
\$1,599.95

RMD-1210

The **RMD-1210** previously known as DP-DMX1210 is a twelve channel DMX-512 input dimmer pack. Single Phase: 10 Amps/channel or 120 Amps total Three Phase: 10 Amps/channel, 40 Amps/Phase Screw terminal input/ outputs. Made by Elation.



[Click on picture for more info](#)

Retail List
\$220.00

DMX-OPTO

The **DMX-OPTO** is a single channel inline DMX Optoisolator. Made by Doug Fleenor Design.



[Click on picture for more info](#)

Retail List
\$563.20

DMX-OPTO 123

The **DMX-OPTO 123** is a one in to three output DMX Isolator/Splitter. Made by Doug Fleenor Design.



[Click on picture for more info](#)

Retail List
\$804.10

DMX-OPTO 125

The **DMX-OPTO 125** is a one in to five output DMX Isolator/Splitter. Made by Doug Fleenor Design.



[Click on picture for more info](#)

Retail List
\$632.75

Tester-J6

The **Tester-J6** Digital Output Wiring Tester card will plug in place of a digital output card (Br-ZBrick or Br-MultiBrick32). The Tester-J6 sends open collector switch to ground signals to simulate any digital output card.



[Click on picture for more info](#)

Retail List
\$479.39

Tester-J6A

The **Tester-J6A** Analog Output Wiring Tester card will plug in place of an analog output card (Br-ANAs). The slide pots on the Tester-J6A sends 0-10 vdc control signals to simulate a Br-ANA.

Sd Memory Cards



[Click on picture for more info](#)

Retail List
\$22.20

MC-Sd/2GB

2GB Secure Digital (Sd) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$25.00

MC-SdSLC/256MB

The **MC-SdSLC/256MB** is a Class 10 industrial Grade 256 MByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$46.00

MC-SdSLC/512MB

The **MC-SdSLC/512MB** is a Class 10 industrial Grade 512 MByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$58.00

MC-SdSLC/2GB

The **MC-SdSLC/2GB** is a Class 10 industrial Grade 2 GByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$105.00

MC-SdSLC/4GB

The **MC-SdSLC/4GB** is a Class 10 industrial Grade 4 GByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$204.00

MC-SdSLC/8GB

The **MC-SdSLC/8GB** is a Class 10 industrial Grade 8 GByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.

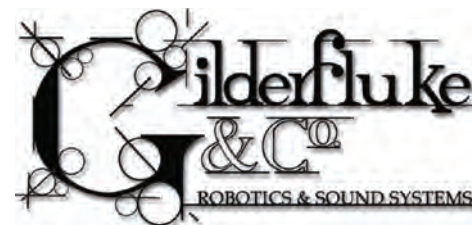


Click on picture for more info

Retail List \$406.00

MC-SdSLC/16GB
 The **MC-SdSLC/16GB** is a Class 10 industrial Grade 256 MByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.

μSd Memory Cards



[Click on picture for more info](#)

Retail List
\$22.20

MC-μSdMLC/4GB

The **MC-μSdMLC/4GB** is a 4 GByte Class 4 Multiple Level Cell (MLC) Secure Digital (Sd) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$23.00

MC-μSdMLC/8GB

The **MC-μSdMLC/8GB** is a 8 GByte Class 4 Multiple Level Cell (MLC) Secure Digital (Sd) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$34.00

MC-μSdMLC/16GB

The **MC-μSdMLC/16GB** is a 16 GByte Class 4 Multiple Level Cell (MLC) Secure Digital (Sd) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$58.00

MC-μSdSLC/2GB

The **MC-μSdSLC/2GB** is a Class 10 Industrial Grade 2 GByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$105.00

MC-μSdSLC/4GB

The **MC-μSdSLC/4GB** is a Class 10 Industrial Grade 4 GByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$204.00

MC-μSdSLC/8GB

The **MC-μSdSLC/8GB** is a Class 10 industrial Grade 8 GByte Secure Digital (Sd) Single Level Cell (SLC) Flash Memory Card. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$1.20/foot

C-RJ12

The **C-RJ12** is a six conductor modular-telephone style wire.
Sold by the foot. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$1.80

C-RJ12M

The **C-RJ12M** is a six position modular-telephone style connector.
Sold by the piece. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$3.60

C-RJ12x3

The **C-RJ12x3** is a 3 foot long RJ12 cable. Part may differ from shown.

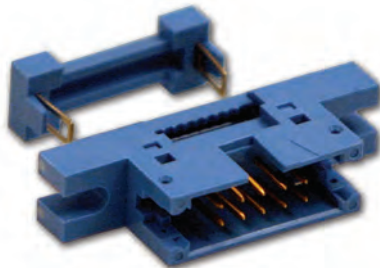


[Click on picture for more info](#)

Retail List
\$1.80/foot

C-10F

The **C-10F** is a ten conductor ribbon cable for 1/4 J-6 output cables.
Sold by the foot. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$12.60

C-10IDM

The **C-10IDM** is a ten position male ribbon connector. Part may differ from shown.



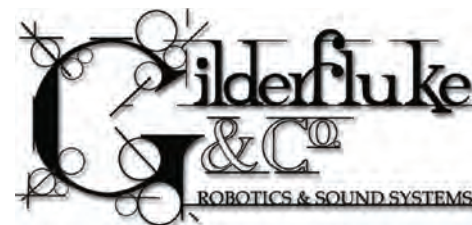
[Click on picture for more info](#)

Retail List
\$7.20

C-10IDS

The **C-10IDS** is a ten position female ribbon connector. Part may differ from shown.

Wire and Connectors (continued)



[Click on picture for more info](#)

Retail List
\$37.27

C-10Trans

The **C-10Trans** is a ten position adapter to transitions between ribbon cable and screw terminals. Does not include ribbon cable (C-10F) or connectors (C-10IDS). Part may differ from shown.

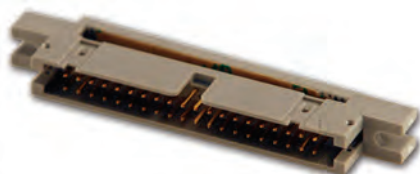


[Click on picture for more info](#)

Retail List
\$3.00/foot

C-40F

The **C-40F** is a forty conductor ribbon cable for 1/4 J-6 output cables. **Sold by the foot.** Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$19.20

C-40IDM

The **C-40IDM** is a forty position male ribbon connector. Part may differ from shown.

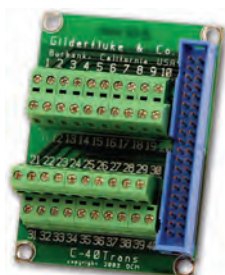


[Click on picture for more info](#)

Retail List
\$12.60

C-40IDS

The **C-40IDS** is a forty position female ribbon connector. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$88.48

C-40Trans

The **C-40Trans** is a forty position adapter to transitions between ribbon cable and screw terminals. Does not include ribbon cable (C-40F) or connectors (C-40IDS). Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$1.50/foot

C-1p

The **C-1p** is a shielded twisted pair of low capacitance wire for DMX-512. **Sold by the foot.** Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$12.60

C-XLR5F

The **C-XLR5F** is a five position female XLR connector. For DMX-512. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$12.60

C-XLR5M

The **C-XLR5M** is a five position male XLR connector. For DMX-512. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$24.24

C-DE9M-DE9F

The **C-DE9M-DE9F** is a nine pin cable used to talk to a Br-MiniBrick8 from a PC RS-232 Serial port. Part may differ from shown.

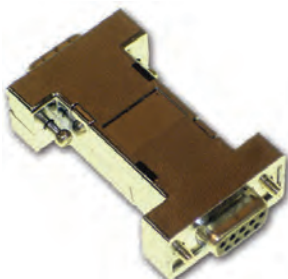


[Click on picture for more info](#)

Retail List
\$7.20

C-DE9MM/Null

The **C-DE9MM/Null** is a DE-09 Male/ Male adapter used to flip pins #2 and #3. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$7.20

C-DE9FF/Null

The **C-DE9FF/Null** is a DE-09 Female/Female adapter used to flip pins #2 and #3. Part may differ from shown.



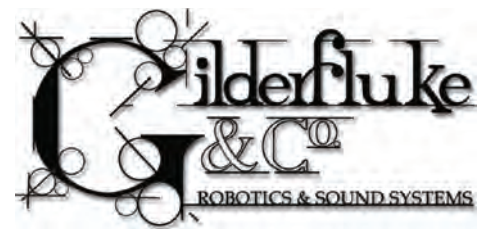
[Click on picture for more info](#)

Retail List
\$12.73

C-USB

The **C-USB** is a 'A' female to 'B' male USB Cable. Part may differ from shown.

Wire and Connectors (continued)



[Click on picture for more info](#)

Retail List
\$21.21

Snap-Track

The **Snap-Track** is a 24" length of 2.75 inch wide Augat Snap Track. For mounting SER-DMX, Sd-10, SD-25, Sd-50s, Br-MiniBrick8, EFB-QUAD, PID-QUAD, etc. Part may differ from shown



[Click on picture for more info](#)

Retail List
\$6.60

C-DC2.1mmY

The **C-DC2.1mmY** is a 2.1mm DC power 'Y' cable. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$6.60

C-DC2.1mm4

The **C-DC2.1mm4** is a 2.1mm DC power cable with one female input and four male outputs. Part may differ from shown.

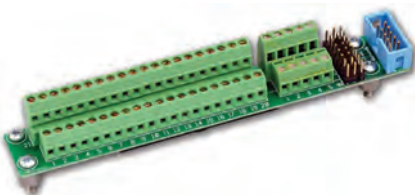


[Click on picture for more info](#)

Retail List
\$7.60

C-DC2.1mm8

The **C-DC2.1mm8** is a 2.1mm DC power cable with one female input and eight male outputs. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$147.86

C-50Trans

The **C-50Trans** adds screw terminal and Servomotor outputs to a Sd-50/40. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$7.00

DinAdapt

The **DinAdapt** is one pair of DIN rail adapters for many Sd-Audio players, AMP-50, etc. Works with most flavors of DIN rail. Part may differ from shown.

Power Supplies



[Click on picture for more info](#)

Retail List
\$38.58

PS-12vdc/800MA/U

The **PS-12vdc/800MA/U** is a 10 Watt switching power supply featuring 95-250 vac in /12 vdc 800 ma. outputs. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$38.20

PS-12vdc/1.2US

The **PS-12vdc/1.2US** is a 10 Watt switching power supply featuring 95-250 vac in /12 vdc 1.2 Amp outputs. Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$70.65

PS-12vdc/5.0A

The **PS-12vdc/5.0A** is a 60 Watt switching power supply featuring 95-250 vac in/12 vdc 5.0 Amp outputs. (Specify country when ordering.) Part may differ from shown.



[Click on picture for more info](#)

Retail List
\$70.65

PS-24vdc/2.5A

The **PS-24vdc/2.5A** is a 60 Watt switching power supply featuring 95-250 vac in/24 vdc 2.5 Amp outputs. (Specify country when ordering.) Part may differ from shown.



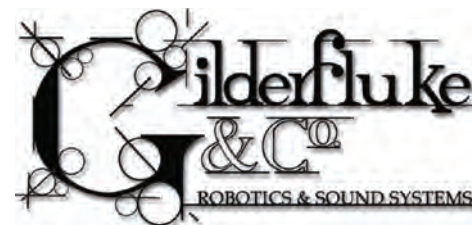
[Click on picture for more info](#)

Retail List
\$204.27

PS-24vdc/5.0A

The **PS-24vdc/5.0A** is a 120 Watt switching supply featuring 95-250 vac in 24 vdc 5.0 Amp outputs. (Specify country when ordering.) Part may differ from shown.

Serial Port Adapters



[Click on picture for more info](#)

Retail List
\$136.15

Bt-Rs232Rx

The **Bt-Rs232Rx** and Bt-USBTx form a 'wireless' cable that you can use while programming, without having to run an actual cable. Both the Bt-Rs232Rx and Bt-USBTx feature Class 1 Bluetooth transceivers.



[Click on picture for more info](#)

Retail List
\$40.80

Bt-USBTx

The **Bt-USBTx** and Bt-Rs232Rx form a 'wireless' cable that you can use while programming, without having to run an actual cable. Both the Bt-USBTx and Bt-Rs232Rx feature Class 1 Bluetooth transceivers.



[Click on picture for more info](#)

Retail List
\$25.80

C-USB-RS232

The **C-USB-RS232** is used to convert the USB ports found on most computers for use with the RS-232 serial standards.

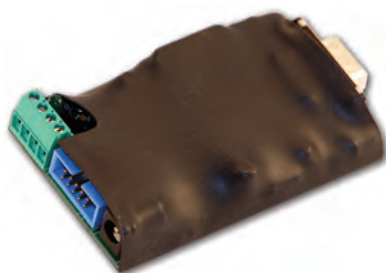


[Click on picture for more info](#)

Retail List
\$191.50

USB-RS232/422

The **USB-RS232/422** is used to convert the USB ports found on most computers for use with the RS-232 or RS-422 serial standards.



[Click on picture for more info](#)

Retail List
\$301.79

Br-SDC-09

The **Br-SDC-09** is a complete, stand-alone Serial Output Controller. It is used whenever you need to control any device that needs strings of RS-232 serial data (RS-422 optional). It can be used to with almost any serial controlled device.

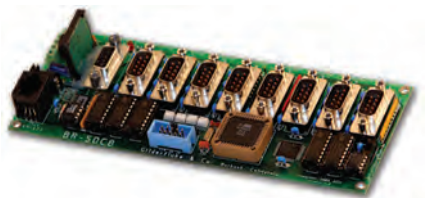


[Click on picture for more info](#)

Retail List
\$301.79

BR-SDC/422

The **BR-SDC/422** is a small stand alone RS-232 Controller with 10 optically isolated inputs and RJ-12 RS-422 output.

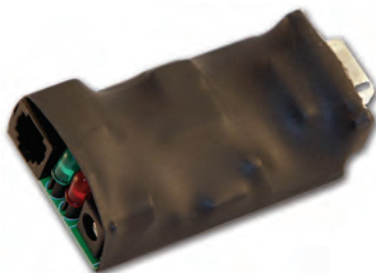


[Click on picture for more info](#)

Retail List
\$607.22

Br-SDC8

The **Br-SDC8** is a complete, stand-alone Serial Output Controller. It adds eight multiplexed RS-232 serial ports. It is used whenever you need to control eight devices that need strings of RS-232 serial data.

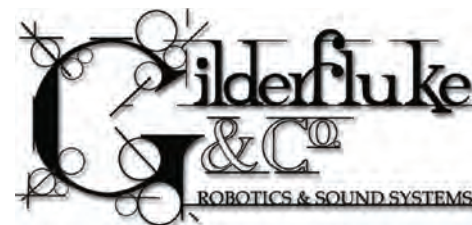


[Click on picture for more info](#)

Retail List
\$160.59

232conv-09

The **232conv-09** Serial Port Adapter is a 9 pin female RS-232 to RS-422 serial converter for most IBM compatibles.



In addition to our off the shelf products, Gilderfluke & Co. offer a variety of services.

TRAINING SERVICES:

The spacious quarters at Gilderfluke Towers has a permanent display area where we offer classes in GilderTechnology. We know that our stuff is pretty easy to learn to operate, however, if you would like formal classes, they can be scheduled. We offer two and three day training classes for individuals or groups. Though we invite you to participate in classes at our headquarters, we will be willing to offer training classes at your facility.

If you are interested in training on GilderGear, please contact Carolyn Rowley in our California GilderOffice via carolyn@gilderfluke.com.

FIELD INSTALLATION/FIELD SUPPORT:

Gilderfluke technicians are available for installation worldwide. You will need to pay all the usual expenses (business class or better airfare, hotel, per diem and other travel expenses). Our Labor-Installation rate (for both Domestic and International) and per diem are posted on our price list. If you are interested in having our trained technicians assist with your next installation, please contact Carolyn Rowley via email carolyn@gilderfluke.com or via telephone at our main office 818.840.9484.

CUSTOM DESIGN WORK:

As time allows, we do custom design work. Most jobs are for clients that need a product to do a specific job that none of our off-the-shelf boards will do. In most cases, these have been incorporated into products produced by our clients. If you are interested in custom designed equipment, please contact Doug Mobley via email doug@gilderfluke.com or via telephone at our main office 818.840.9484.

The following are a list of useful resources for building animated figures. Between them, you will be able to get everything you need but the skin, fur and costumes. We take no responsibility for the accuracy or completeness of the following list. There are certainly more suppliers (hundreds more!) that will also be able to provide similar products.

Show Control Systems:

Gilderfluke & Co., Inc.	818/840-9484	www.gilderfluke.com
controls for Animatronics, shows, lighting, fountains or anything else you might need to control (Who would you expect us to say to call?)		

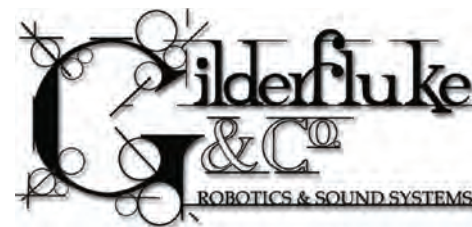
Industrial Control Panel Integration:

The Kregg Corp. / The Panel Shop	818/837-1494	www.controlpanelshop.com
show control integration into full packaged control panels		

Pneumatics:

AirPot Corporation	203/846-2021	www.airpot.com
low breakaway cylinders, dashpots		
Bimba	708/534-8544	www.bimba.com
probably the largest cylinder manufacturer		
Clippard Instrument Lab	513/521-4261	www.clippard.com
cylinders, valves, fittings (really small ones too!)		
Camozzi Pneumatics	972/548-8885	www.camozzi-usa.com
cylinders, valves, fittings		
Festo	631/435-0800	www.festo.com
cylinders, valves, fittings		
HR Textron	661/294-6000	www.hrtexton.com
cylinders, valves, fittings, direct drive servo valve (for analogs)		
Parker Hannifin	847/298-2400	www.parker.com
cylinders, valves, fittings		
PositionX	203/459-2764	www.ecvinc.com
low cost servo valve		
PHD	219/747-6151	www.phdinc.com
interesting cylinders and grippers		
SMC	317/899-4440	www.smcusa.com
cylinders, valves, fittings		
Toll-O-Matic	763/478-8000	www.tolomatic.com
rotary and cable cylinders, grippers		

Useful Resources (cont'd)



ServoMotors:

CK Design	805/522-3750	
Condor/Tonagawa/'Tone'/Seiko & CK ServoMotors		
QuickSilver Controls	909-447-7417	www.quicksilvercontrols.com
manufacturer of servo controllers and high torque brushless AC servo motors		
Ultra Motion	631/298-9179	www.ultramotion.com
industrial linear actuators		
AVG, Inc.	818/998-0100	www.a-v-g.com
linear actuators, also pneumatic valves and cylinders		

Small Mechanical Components:

Aircraft Spruce & Specialty	877/4-SPRUCE	www.aircraft-spruce.com
in case you decide to build an airplane instead		
Berg	800/232-BERG	www.wmberg.com
small gears, bearings, timing belts, pulleys, etc.		
PIC Design	203/758-8272	www.pic-design.com
small gears, bearings, timing belts, pulleys, etc.		
Stock Drive Products	516/328-3300	www.sdp-si.com
small gears, bearings, timing belts, pulleys, etc.		

Just interesting...

Inovonics	800/782-2709	www.inovonics.com
high reliability remote control trigger systems		
Miga Motor Company	866/644-2726	www.migamotors.com
shape memory alloy actuators		
Radio Design Lab	805/684-5415	www.rdl.net
useful little modules for audio and video		
Solo Trek	408/548-0001	www.solotrek.com
personal VTOL		

Distributors with lots of different manufacturer's products:

Grainger	888/361-8649*	www.grainger.com
motors, gears, pulleys, etc.		
McMaster-Carr	630/833-0300*	www.mcmaster.com
everything to build an AA figure, or an auto plant		



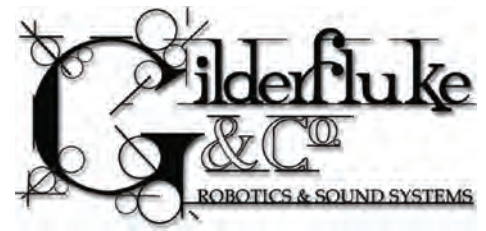
Useful Resources (cont'd)

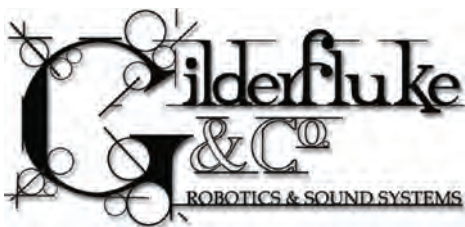
Electronic Distributors:

Digi-Key	800/DigiKey	www.digikey.com
power supplies, connectors, wires, switches, relays, ICs		
Mouser	800/346-6873	www.mouser.com
power supplies, connectors, wires, switches, relays, ICs		
Newark	800/2NEWARK*	www.newark.com
motors, gears, pulleys, etc., etc., etc.		
Allied Electronics	800/433-5700	www.alliedelec.com
power supplies, connectors, wires, switches, relays, ICs		

* Call or check their web page for the office nearest you.

Binding Terms and Conditions of Sale





Binding Terms and Conditions of Sale

This price list (effective August 2013) supercedes all other price lists and supplements. All prices are in U.S. funds. Prices are subject to change without notice. No applicable taxes and duties are included in prices.

The following are the terms and conditions ("Terms and Conditions") for the sale of products ("Products") by Gilderfluke & Co., Inc. ("Gilderfluke & Co.") to Gilderfluke & Co.'s customers ("Customers").

1. HOW TO ORDER

Online:

The most effective way to place your order with Gilderfluke & Co., is to visit our website and process your order online. www.gilderfluke.com.

By Telephone:

Dial toll free 800.776.5972

On the West Coast dial 818.840.9484 and ask for Sales.

On the East Coast dial 407.354.5954 and ask for Sales.

Our friendly sales representatives are available to serve you Monday through Friday till 6:00pm (PST). For most efficient service, please have ready a list of quantities and part numbers and, if paying by credit card, have your MasterCard, VISA, American Express or Discover ready. If paying via purchase order and you have established terms, please have your purchase order number at hand and be ready to fax a hard copy to 818.840.9485 once your order has been placed.

By Fax:

Send your purchase order to 818.840.9485, attention Sales.

By Email:

Send your purchase order to Sales at info@gilderfluke.com.

2. ACCEPTANCE AND CANCELLATION OF ORDERS

All orders are subject to acceptance by Gilderfluke & Co. in writing by a duly authorized agent of Gilderfluke & Co.; any written acknowledgment of receipt of an order shall not, in and of itself, constitute such acceptance. Except for "Non-Cancelable/Non-Returnable" (NC/NR) products, Customers may cancel or re-schedule accepted orders upon the written consent of Gilderfluke & Co., provided that order has not been submitted to the shipment carrier. After an order has been submitted by Gilderfluke & Co. to the shipment carrier, that order may not be canceled or rescheduled.

2.1 PROCESSING OF ORDERS

All of our on shelf items are pulled and tested once your order has been processed.

Due to our stringent Quality Control, we guarantee that products (if they are in stock) will ship within 48 hours from the time the order has been received. Some items take a longer period of time to test, others shorter. We DO NOT guarantee or promise filling and shipping orders received on the same day the order has been placed. All Next Day deliveries must be placed by phone. Orders that are considered to ship "same day" must be received by 2:00pm PST. Please call our main office 818.840.9484 for all Orders you would like to ship the same day you place the Order.

For Custom Job Installation & Designs: Please email your inquiries to doug@gilderfluke.com

Binding Terms and Conditions of Sale

(continued)



3. PRICES

Orders are billed at the prices (in US dollars) in effect at the time of shipment. Prices will be as specified by Gilderfluke & Co. and will be applicable for the period specified in Gilderfluke & Co.'s quote. If no period is specified, quoted prices will be applicable for thirty (30) days. The catalog reflects the latest pricing information available at the time of printing. Prices shown in the catalog are subject to change without notice. Prices are subject to increase in the event of an increase in Gilderfluke & Co.'s costs or other circumstances beyond Gilderfluke & Co.'s reasonable control. If Customer does not purchase the quantity upon which quantity prices are based, Customer will pay the non-discounted price for the quantity actually purchased and/or a cancellation or restocking fee. Prices are exclusive of taxes, impositions and other charges, including: sales, use, excise, value added and similar taxes or charges imposed by any government authority, international shipping charges, forwarding agent's and broker's fees, bank fees, consular fees, document fees and import duties.

4. TERMS OF PAYMENT

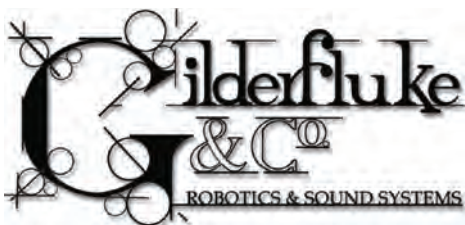
All payments must be in US Dollars.

For Domestic Customers

- **Purchase Orders.** We accept purchase orders from customers with approved accounts. In order to be considered for Net 30 Terms you must have ordered at least one year with Gilderfluke. To set up an account, click onto Contact Us, then Accounting, then Net 30 Credit Application. It usually takes 30 business days to verify credit information, so please allow ample time for us to process your credit information when you place your order. We do not extend net 30 terms to first time customers.
- **Credit Cards.** We accept MasterCard, VISA, American Express and Discover. There is no minimum order value and no additional charge for using a credit card to make your purchases. Please be sure to provide the same billing address and telephone number which your credit card provider has on file. Incorrect information may cause a delay in processing your order. Your credit card will be billed the same day your order has shipped.
- **C.O.D.** We no longer accept COD as a form of payment.

For Canadian Customers

- **Credit Cards.** We accept MasterCard, VISA, American Express and Discover. There is no minimum order value and no additional charge for using a credit card to make your purchases. Please be sure to provide the same billing address and telephone number which your credit card provider has on file. Incorrect information may cause a delay in processing your order. Your credit card will be billed the same day your order has shipped.
- **Wire Transfer.** We accept bank wire transfers. There is an additional \$30.00 bank charge on all wire transfer transactions. Offsetting or deducting this amount from the invoice will create a delay in the process and shipping of your order. In order to pay via bank wire transfer, click onto Contact Us, then under "Accounting", click on Bank Wire Transfer. Our accounting staff will email you all the necessary information you need in order to conduct your transaction. Please have your invoice number available while filling out the email request. We do not accept cashier's check in US funds, personal checks, certified personal checks or money orders for International Orders.



Binding Terms and Conditions of Sale

(continued)

For International Customers

- In addition to the United States and its territories, Gilderfluke & Co. accepts international orders. All orders of international origin are exported from the US in accordance with the Export Administration Regulations. Diversion contrary to US Law is prohibited. All duties and taxes will be the responsibility of the customer.
- Credit Cards. We accept MasterCard, VISA, American Express and Discover. There is no minimum order value and no additional charge for using a credit card to make your purchases. Please be sure to provide the same billing address and telephone number which your credit card provider has on file. Incorrect information may cause a delay in processing your order. Your credit card will be billed the same day your order has shipped.
- Wire Transfer. We accept bank wire transfers. There is an additional \$30.00 processing fee for all orders paid via bank wire. Offsetting or deducting this amount from the invoice will create a delay in the process and shipping of your order. In order to pay via bank wire transfer, click onto Contact Us, then Accounting, then Bank Wire Transfer. Our accounting staff will email you all the necessary information you need in order to conduct your transaction. Please have your invoice number available while filling out the email request. We do not accept cashier's check in US funds, personal checks, certified personal checks or money orders for International Orders.
- **ALL** international customers must submit a completed "International Shipping Authorization" form with a credit card number (even if the order is paid via wire transfer). No exceptions. This new rule is to prevent Gilderfluke & Co. from being charged with custom charges that should rightfully be paid by the customer. This is a requirement even if the customer desires to use their own freight company.
- We do not extend Net 30 Terms to International Customers

4.1 TERMS OF PAYMENT

For All Orders

Customer agrees to pay the entire net amount of each invoice from Gilderfluke & Co. pursuant to the terms of each such invoice without offset or deduction. Orders are subject to credit approval by Gilderfluke & Co., which may in its sole discretion at any time change the terms of Customer's credit, require payment in cash, bank wire transfer or by official bank check and/or require payment of any or all amounts due or to become due for Customer's order before shipment of any or all of the Products. If Gilderfluke & Co. reasonably believes that the Customer's ability to make payments may be impaired or if Customer fails to pay any invoice when due, Gilderfluke & Co. may suspend delivery of any order or any remaining balance thereof until such payment is made or cancel any order or any remaining balance thereof, and Customer will remain liable to pay for any Products already shipped and all Non-Standard Products ordered by Customer. Customer agrees to submit such financial information as Gilderfluke & Co. may reasonably require for determination of credit terms and/or continuation of credit terms. Checks are accepted subject to collection and the date of collection will be deemed the date of payment. Any check received from Customer may be applied by Gilderfluke & Co. against any obligation owing by Customer to Gilderfluke & Co. under this or any other contract, regardless of any statement appearing on or referring to such check, without discharging Customer's liability for any additional amounts owing by Customer to Gilderfluke & Co. The acceptance by Gilderfluke & Co. of such check will not constitute a waiver of Gilderfluke & Co.'s right to pursue the collection of any remaining balance. Invoices not paid when due will bear interest to date of payment at the monthly rate of one and a half percent (1.5%) and/or the annual rate of eighteen (18%) percent. If Customer fails to make payment when due, Gilderfluke & Co. will pursue any legal or equitable remedies, in which event Gilderfluke & Co. will be entitled to reimbursement for costs of collection and ALL attorneys' fees.

Binding Terms and Conditions of Sale

(continued)



5. DISHONORED CHECK POLICY

If a check you give us for payment is dishonored for any reason by the bank or other institution on which it is drawn, you agree to pay us \$50.00 as a service charge pursuant to California Statutes. In addition, you agree to pay any other reasonable charges imposed by any check verification company or collection agency that we may use for collection.

6. SALES TAX

When required by law Gilderfluke & Co. will collect Federal, State and/or Local sale, use, excise and other taxes which apply to a Customer's shipment. These taxes are in addition to the purchase price of the Products subject to an order. Customer will remit the correct tax unless they are tax exempt and Gilderfluke & Co. has a valid signed tax exemption certificate on file. Gilderfluke & Co. is obligated to charge sales tax for delivery within the state of California and Florida.

7. DELIVERY AND TITLE

All shipments by Gilderfluke & Co. are F.O.B. point of shipment from Gilderfluke & Co.'s main office and the amount of all transportation charges will be paid to Gilderfluke & Co. by the Customer in addition to the purchase price of the Products. Subject to Gilderfluke & Co.'s right of stoppage in transit, delivery of the Products to the carrier will constitute delivery to Customer and title and risk of loss will pass to Customer. Gilderfluke & Co. will make reasonable efforts to initiate shipment and schedule delivery as close as possible to Customer's requested delivery date(s). Customer acknowledges that delivery dates provided by Gilderfluke & Co. are estimates only and that Gilderfluke & Co. will not be liable for failure to deliver on such dates. Selection of the carrier and delivery route will be made by Gilderfluke & Co. unless specifically designated by the Customer in the form of an email or fax. Gilderfluke & Co. reserves the right to make deliveries in installments. Delay in delivery of one installment will not entitle Customer to cancel any other installment(s). Delivery of installment of Products within thirty (30) days after the date requested will constitute a timely delivery. Delivery of a quantity which varies from the quantity specified shall not relieve Customer of the obligation to accept delivery and pay for the Products delivered.

8. SHIPMENT CARRIER

ALL orders are shipped via UPS, unless the Customer specifically states otherwise. If the Customer prefers another carrier, the Customer must provide their account number, how they want their package to ship, and the name of the alternate carrier. This must be done in writing via fax or email. The freight and handling charges are automatically calculated and are added to the invoice.

8.1. INSURANCE

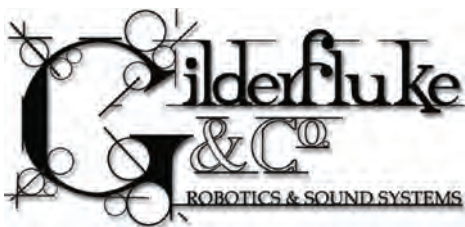
FOB is Burbank, CA, USA. Once the order leaves our shipping dock, the customer is responsible for payment of the invoice. Gilderfluke & Co. has chosen to automatically insure each package to protect your package(s) in case of loss. The additional cost for the insurance is based upon the standard insurance rates from the carriers and is included in the shipping costs.

8.3. SHIPPING CHARGES

We calculate the shipping and handling charges based on our actual preferred carrier shipping charges, plus an internal processing & handling fee based upon the number of items being shipped.

8.2. HANDLING FEES

Regardless of shipping method (UPS, DHL or FedEx), our account or customer's account, or dimensional weight, a shipping/handling fee of \$7.00 applies to all domestic shipments and a shipping/handling fee of \$25.00 applies to all international shipments.



Binding Terms and Conditions of Sale (continued)

9. GILDERFLUKE & CO.'S LIMITED WARRANTY

All equipment manufactured by Gilderfluke & Co. is warranted against internal failure for a period of one year from the invoice date. Gilderfluke & Co. makes no other warranty, express nor implied, with respect to the Products. Further, no warranty will apply if the Product has been subject to misuse or tampering. Customer must notify Gilderfluke & Co. within 5 days of shipment of any defective product. Gilderfluke & Co.'s liability arising out of any sale of products to Customer is expressly limited to either (1) Refund of the purchase price paid by Customer for such products (without interest), or (2) Repair and/or replacement of such products, at Gilderfluke & Co.'s election, and such remedies shall be exclusive and in lieu of all others.

10. FREIGHT DAMAGE

If you receive merchandise that has been damaged in transit, it is important to keep the shipping carton, packing material and parts intact. Please contact a Gilderfluke & Co. Customer Service representative immediately to initiate a claim (818.840.9484). DO NOT send the package back without first speaking to a Gilderfluke & Co. representative. If you do, you will have forfeited your ability to receive reimbursement for your package. (See Customer Service Department).

11. RETURN POLICY

There is a 15% Restocking Fee on all returned merchandise.

To facilitate processing of returned merchandise that you HAVE NOT used:

Please contact a Customer Service representative in our main office to obtain a RMA (Returned Merchandise Authorization) number prior to returning product. You may contact us via telephone at: 818.840.9484 or via email at: info@gilderfluke.com.

All returns should be made within 30 days of date of invoice and be accompanied by the original invoice number and an explanation of the reason for the return.

11.1 You must contact the main office to obtain an RMA from our Technical Department prior to sending any product in for repair.
To contact our service team via email: richard@gilderfluke.com
To contact our service team via telephone: 818.840.9484

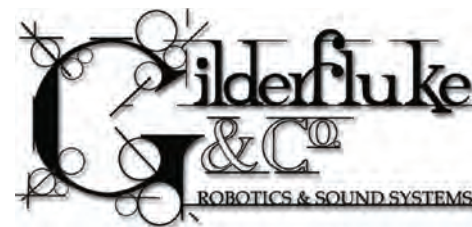
12. ENVIRONMENTAL PACKAGING

Based on our commitment to the environment and you, our valued customer, we use environmentally friendly recycled boxes and corn starch packaging peanuts, a 100% recyclable packaging product. We encourage you to reuse all of our packaging materials. Both the box and peanuts can be put in your bin for recycling.

13. PRIVACY POLICY

We do not sell or divulge customer information of any kind to any third party for advertising or any other use.

One (1) Year Limited Warranty



1. Gilderfluke & Co. hereby warrants, to the original purchaser, that all equipment manufactured by Gilderfluke & Co. to be free of manufacturing defects in material, workmanship and internal failure for a period of ONE (1) YEAR from the date of purchase/invoice date. Gilderfluke & Co. makes no other warranty, express nor implied, with respect to the Products.
2. For warranty service, click here or log on to our website at www.gilderfluke.com Click on 'Contact', in the 'Customer Service Department' box, click on 'Request for RMA #'.
3. Further, this warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Gilderfluke & Co. concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Gilderfluke & Co. facility unless prior written authorization was issued to purchaser by Gilderfluke & Co.; if the product is damaged because not properly maintained; tampering, misuse or improper installation as set form in the installation manual. Customer must notify Gilderfluke & Co. within five (5) days after receipt of shipment of any defective product.
4. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, Gilderfluke & Co. will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Gilderfluke & Co. under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Gilderfluke & Co.
5. For Extended Warranty information, please email info@gilderfluke.com

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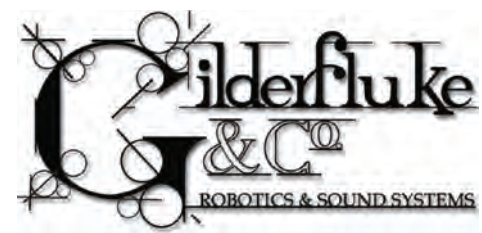
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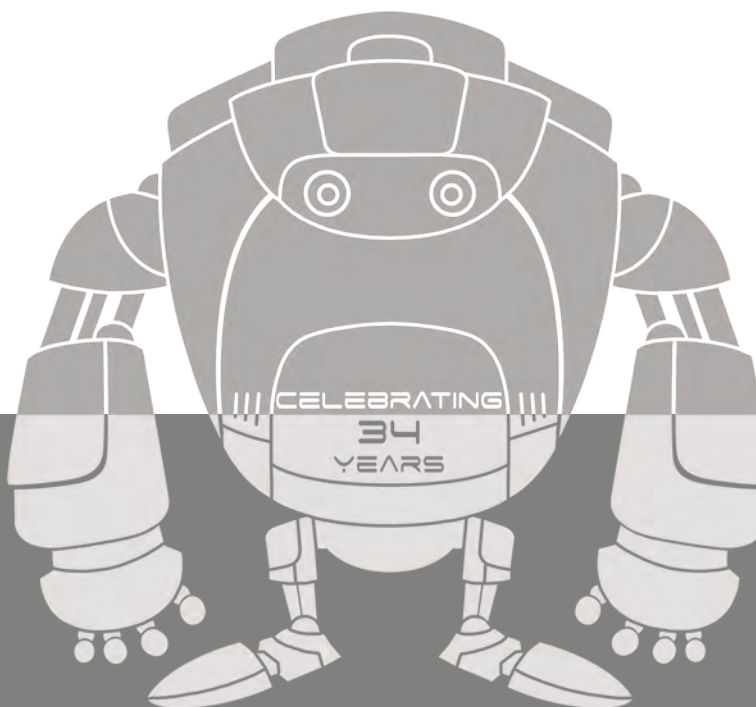
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