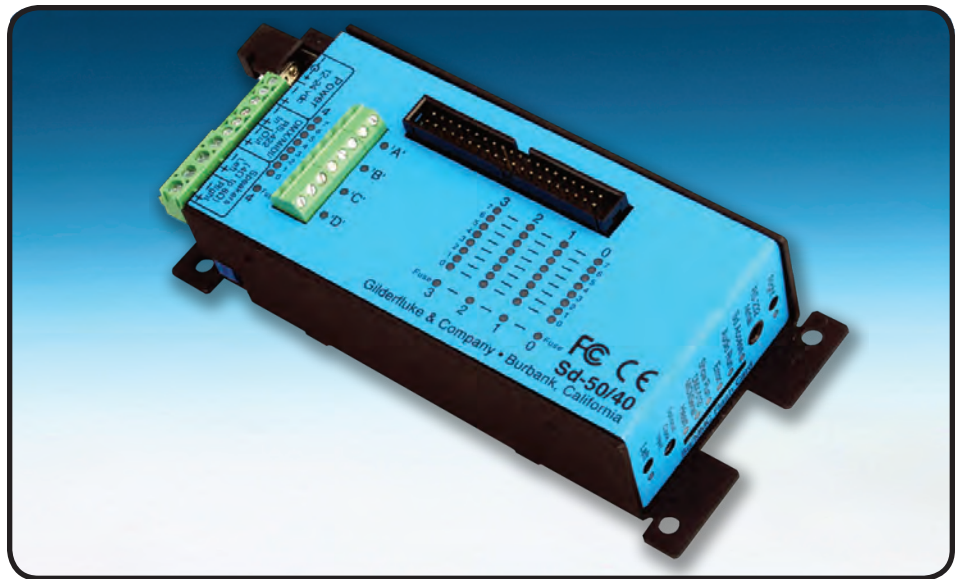


# Sd-50

**Stereo Audio  
Playback,  
Show Control,  
Scheduling,  
Lighting Control  
and Amplifier  
System**



The **Sd-50** is a complete stand alone stereo audio playback system. The show control and DMX-512 output options make it into a complete Audio and Show Control solution.

#### Features of the Sd-50 include:

- Stereo playback of standard Mp3 or .WAV audio files. Up to 255 different SoundFiles can be selected and played. Sound capacity limited only by the size of your Sd flash card.
- Two line level outputs (RCA Jacks) and 100 Watt stereo Class-D amp with the power of 400-500 Watts.
- All configuration is done through a user-friendly Windows-based program. You can set the volume and what each of eight optically isolated inputs do. Switch inputs can be used to ramp audio to preset levels, select and play specific sounds or select sounds from a preset list or randomizer.
- Mounts in **Snap-Track**, **DinAdapt**, or Velcro or screw it down.
- Runs on any voltage from 12 to 24 vdc. Use 24 vdc for maximum output if using onboard amp.

#### Features of the Sd-50/8 and Sd-50/40 include:

- Adds eight (**Sd-50/8**) or forty (**Sd-50/40**) digital (on/off) Show Control outputs to a **Sd-50**. Eight of the outputs can be used for controlling eight model airplane-style PCM ServoMotors or used as inputs.
- Optional GPS clock for triggering using a 365 day schedule by time or date.
- Optional '**Starter Kit**' Includes the necessary accesories (USB flash card reader/writer, power supply, MC-Sd Flash Card, appropriate cables and connectors, GilderTweaker Small Screwdriver & GilderCD with software) to operate the **Sd-50**.
- DMX-512 inputs for controlling Animation & Audio. DMX-512 outputs for up to 512 channels.
- Automatic 'program in place' download through your PC's serial port or the Sd flash card. Draw the sequence you need on your computer using our easy-to-use free **Pc•MACs** software, or with 'Hardwareless RealTime' mode, program using the PC's mouse, keyboard and joystick. **Pc•MACs** will remember exactly what you do and precisely when you did it. Once programed, the PC can then go away.
- Four (optionally eight) MBytes of nonvolatile Show Control memory. Using all forty **Sd-50/40** Show Control outputs, this gives a show capacity of about eight hours at thirty updates per second! About 40 hours for the **Sd-50/8**! Once downloaded, show data is retained for approximately forty years, with or without power applied. Up to 255 individual shows can be loaded onto a **Sd-50/8** or **Sd-50/40** at one time.
- Networkable! Four optoisolated inputs can be used to start, stop, pause, continue, or access shows. They can also be controlled through the RS-232 or networked RS-422 serial ports, MIDI, or IR Triggers.
- Show Control outputs are each rated for 150 ma. continuous, or 500 ma. peak. This can drive small solenoid valves, relays, LEDs, lights and other similar loads. Use solid state relays for larger loads or higher voltages (**DRV-05**, **SSR-FS**, **LC-8SP**). A **Br-ANA** or **DAC-Quad** can be used if you need analog control signals.

