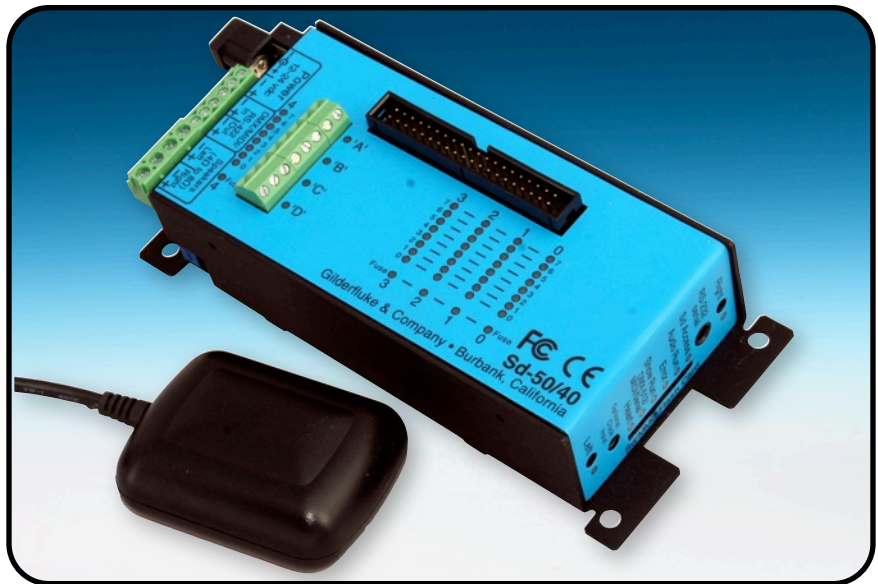


# Sd-50/ GPS

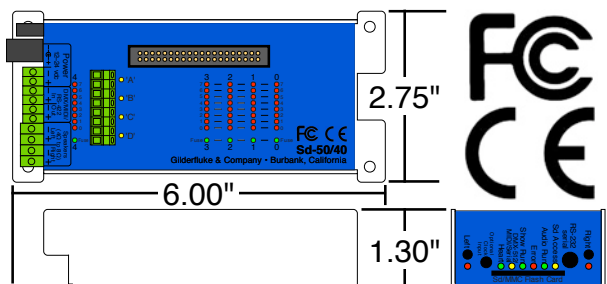
**GPS Locked Stereo  
Audio Playback,  
Show Control,  
Scheduling, Lighting  
Control & Amplifier  
System**



The Sd-50/8 and Sd-50/40 are complete Audio and Show Control solutions. The Satellite Synchronized GPS clock options allows sounds and shows to be scheduled to play at any time of the day or night with phenomenal accuracy (1/1000 second). They are used in school and factory bell systems, audience recall systems for theaters, automated fountains, and animated shows, and church and municipal bell and clock towers. Since these are true audio playback devices and not synthesizers, you are not limited to playing back just 'bell' sounds. Any sound that can be recorded can be put onto them. Schools have used them to play back their 'fight' songs and churches have recorded their choir or a favorite hymn. Mosques can use them for calls to prayer.

**Features of the Sd-50/GPS8 and Sd-50/GPS40 include:**

- GPS can be used anywhere on the planet where the antenna can see the sky. Accurate to 1/1000 sec.
- Synchronized with all other units on the planet. This allows you to run shows in perfect sync, even when there is no connection between them. This has been used on parade floats to synchronize sound, animation and lights, and for fountains where the cost of running a wire under a street is impractical.
- Stand alone stereo playback of standard Mp3 or .WAV audio files. Up to 255 different AudioFiles can be selected and played. Sound capacity is limited to 2GB (or smaller) MMC/Sd memory cards that are formatted with FAT32 only.
- Two line level outputs (RCA Jacks) and 100 Watt Class-D amp (equivalent to 400-500 Watt linear amp).
- 'Drag-n-drop' downloading of SoundFiles to your Sd flash card from your computer.
- All configuration is done through a user friendly Windows-based program. Calendar-style scheduling lets you set the schedule for sounds and shows for a specific day, day of the week, or range of dates. Can automatically switch to seasonal schedules or play specific sounds and shows on specific dates.
- Optically isolated 'switch' inputs can be used to disable automatic playbacks during other events, to call up specific sounds when needed, or lower or raise the volume level.
- Eight (Sd-50/GPS8) or forty (Sd-50/GPS40) digital (on/off) Show Control outputs. These can be used to turn on and off lights, or to control 'regulator'-style clock movements. If taking advantage of the show control half of the Sd-50s, you can run a fountain or other animated show from these outputs.
- DMX-512 output to control dimmers, strobes, wiggle lights, etc.. You can even light up your clock tower just before it strikes!
- Networkable! Can be controlled through the RS-232 or networked RS-422 serial ports, MIDI, or IR.
- Mounts stand alone, in 2-3/4" Augat Snap Track, on DIN rail (w/adapters) or in a Sd-50-CC10 card cage.
- Runs on any voltage from twelve to twenty-four vdc. Can be operated from batteries and/or solar panels.



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