

FireFly Under The Microscope

	FF-501	FF-201	FF-101	COMMENTS
Channels	Five (5)	Two (2)	One (1)	501 has 4 lightning + dim
Dimming	Yes, dedicated dimming channel in addition to four lightning channels	Yes, 2 nd channel used for lightning or dimming	Yes, can either be used for dimming or lightning	Dimming flickers (dims) connected lights to simulate power failure during severe "lightning" strike.
Maximum rating	3,000 watts	3,000 watts	1,500 watts	Total wattage of all connected lights
Rating per channel	1,500 watts	1,500 watts	1,500 watts	750 max for dimming and STL mode. 1,500 per channel for lightning, not to exceed total system rating.
Modes	1, 2, 3 or 4 channel mono, stereo, double stereo, lightning or STL	Stereo lightning, lightning + dim or STL (sound to light)	Lightning, dimming or STL (sound to light)	STL mode alters filtration to allow all sound to be translated to light.
Electrical isolation	Inductive + optical	Inductive + optical	Inductive + optical	Protects audio section from dangerous power line voltages
Noise Suppression	Passive LC network	Passive LC network	Passive LC network	Reduces radio frequency interference generated by dimming process
Lights supported	LED, Incandescent, Halogen, Fluorescent	LED, Incandescent, Halogen, Fluorescent	LED, Incandescent, Halogen, Fluorescent	Some dimmable CFLs support all function. Conventional CFL suitable for dimming only.
Threshold control	Yes, front panel	Yes, rear panel	Yes, rear panel	Improves LED dynamic range. Keeps Incandescent/halogen filaments warm for quick response and longer life
Microprocessor	Yes	No	No	Allows for many more modes, better diagnostics
Internal Test Circuit	Yes	Yes	Yes	Tests most internal components as well as all connected lights
Control method	Pulse-width phase cut	Pulse-width phase cut	Pulse-width phase cut	True dimming, not basic pulse like use by many others
Warranty	5-Year limited	5-Year limited	5-Year limited	Includes commercial use. Ask for complete details.
Upgrade path	Yes	Yes	Yes	Call or email for details
Audio input	1/8" (3.5mm) stereo audio jack	1/8" (3.5mm) stereo audio jack	1/8" (3.5mm) stereo audio jack	Industry standard
Audio source	Any line-level or headphone level source	Any line-level or headphone level source	Any line-level or headphone level source	Portable CD player, MP3 player, tape player or line out from any audio system
Audio switching	Internal, automatic	Internal, automatic	Internal, automatic	No need for special adapters or swapping wires.
Internal controls or switches	No	No	No	All FireFly controls conveniently available on the outside. No internal controls or user serviceable parts
Thunder CD included?	Yes, two (2)	Yes, two (2)	Yes, one (1)	Custom CDs by "Virgil" included. Mono only for 101. Both mono and stereo for 201

- - FireFly is proudly designed and manufactured in the United States - -