

Crash 'N Flash DMX Stage Lighting/Effects Systems (CNF)

Technical information/operation manual

The CNF DMX RGBW Stage Lighting/Effects System consists of a CNF crash cymbal trigger interfacing with the CNF DMX RGBW Lighting Control Module through its four COLOR CODED 1/4" CNF TRIGGER INPUT jacks. Accepting up to 4 (8 with standard 'Y' cables') CNF crash cymbal triggers.

The CNF DMX RGBW stomp box Stage Lighting/Effects Module is a DMX master/controller device, sending out an industry standard DMX data command and connects to DMX slaves through its 3-pin XLR connector.

The CNF DMX RGBW Stage Lighting/ Effects Module has a blackout switch (stomp button) which toggles between a blackout state and an operational state. On board LED mode indicators signify operational state (GREEN-system active) or (RED-blackout, power/standby). In blackout state, all connected DMX devices are commanded to go to off.

The CNF DMX RGBW Lighting/Effects Module may be operated in 'stand alone' mode as well without the use of CNF cymbal triggers for certain Stage Effects such as foggers, lasers, DJ applications, etc. This mode requires a separate DMX interface input module inserted into one (1) or more of the 4 color coded CNF trigger input jacks. DMX output is then controlled solely through the footswitch stomp button engaging 'system active' and 'blackout, power/standby'.

IMPORTANT!

RGB (multi-color) LED fixture addressing:

Set your LED fixture(s) to channel 3 mode with a DMX address of 1.

With master fixture and all concurrent fixtures set to this mode and address;

- #1- CNF 'RED' input will cause up to 32 daisy chained fixtures to turn RED***
- #2- CNF 'GREEN' input will cause up to 32 daisy chained fixtures to turn GREEN.***
- #3- CNF 'BLUE' input will cause up to 32 daisy chained fixtures to turn BLUE.***
- #4- CNF 'WHITE' input will cause up to 32 daisy chained fixtures to turn a COMBINATION of RED, GREEN, and BLUE resulting in a WHITISH hue.***

#4-A !! All 'WHITE only' LED fixtures will ONLY be commanded by the #4 'WHITE' CNF DMX RGBW Lighting Control Trigger input. !!

IMPORTANT!

**All 'WHITE only' LED fixtures/Blinders/Strobes,
Blizzard Snowblind White LED Blinder fixtures, etc...**

Master fixture and up to 32 concurrent daisy chained fixtures must be addressed to 'SLAVE' mode for proper operation. And ONLY commanded by the #4 'White' CNF Trigger Input.

***** Color blending may also be achieved by triggering multiple inputs simultaneously, for example PURPLE from RED and BLUE inputs.*****

CNF crash cymbal Trigger, Lighting Control Module and LED fixture hook up typical diagram...



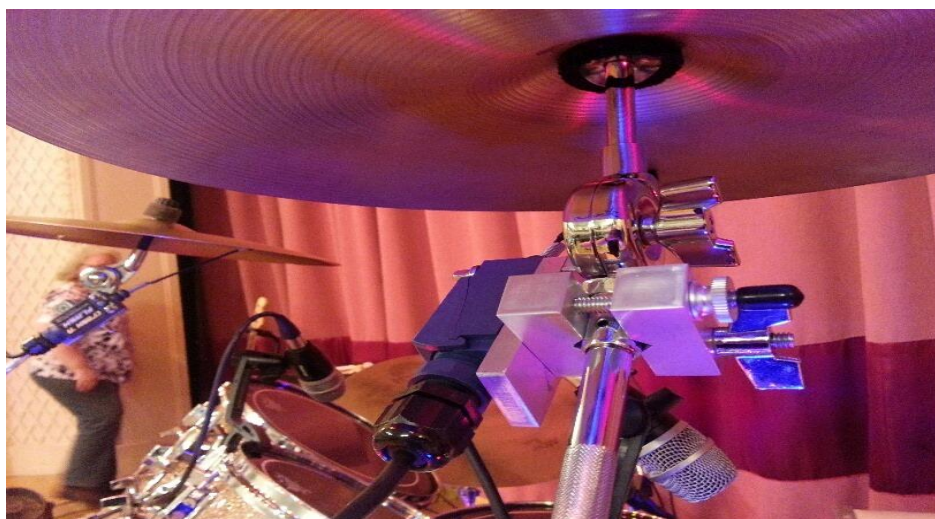
For Best DMX fixture/device control, power up AC, address and daisy chain all units BEFORE connecting to the CNF DMX Lighting Control Module. Then power up the module.

CNF crash cymbal Trigger.

The unique CRASH 'N FLASH switch is of superior quality.

- ***mechanical life of over 10 MILLION + operations. omni-directional***
- ****requires only 18.4"oz to activate***
- ***double insulated -NO GROUNDING REQUIRED***
- ***MOUNTING BRACKET: The heavy duty aluminum adjustable mounting bracket allows for complete versatility to mount the CRASH 'N FLASH switch securely to cymbal stands of 5/16" to 3/4" in diameter. Adjustment of the switch angle (hereon referred to as switch pre-load is secured by means of an over-sized wing nut. The CRASH 'N FLASH switch is secured to the adjustable mounting bracket by drum type fasteners allowing quick and easy adjustment with a standard drum key. The 1" long holes allows adjustability of the CRASH 'N FLASH switch forward or backward to allow for different size cymbals, mounting angle of the switch, and to place the switch wand in the "strike zone" where the cymbal is frequently attacked. All associated hardware is drummer friendly and designed to complement your existing cymbal stand. The CRASH 'N FLASH switch assembly was designed to be permanently mounted and stored with your cymbal stand. Recommended is to remove the tilter part of your cymbal stand where the Crash 'N Flash switch is mounted and store separately from other hardware to avoid having to reset your personalized pre-load activation adjustment.***
- ***ATTENTION: The CRASH 'N FLASH switch/bracket assembly must be positioned on your stand as to not impede the full range of cymbal movement. Every effort was made to be applicable to various stands and configurations.***





Pre-Load adjustment:

The Crash 'N Flash switch and mounting bracket can be adjusted to where the 'on' cycle occurs on normal to hard crashes when the flash is desired. A less aggressive pre-load adjustment will still allow cymbal crashes such as on slower songs when flash is not desired.

Strike Zone:

Strike Zone: is described as where you frequently attack the crash cymbal. ALWAYS point the Crash 'N Flash switch as nearly as possible directly towards you and your strike zone. Striking the cymbal aside of the strike zone may produce the same results as the cymbal tips 'away' from the switch wand.

The specially designed felt tipped CNF crash cymbal trigger wand and bead ride smoothly on the underside of the cymbal without scratching or marring and does not "absorb" the vibrations. Therefore does not change the timbre and allows the cymbal to "speak" brightly.



Replacing the felt wand tip:

Inevitably the felt wand will get worn and you may want to replace the felt on the CNF trigger wand.

Very Carefully, peel the self adhesived felt from the round bead. Taking great care to not dislodge the bead from the wand itself. Position the wand bead directly in the center of the new round felt dot. Fold the felt dot 2 ways to cover the bead. Trim excess felt with a scissors to form a smooth round coverage.

In the event that the bead itself becomes dislodged from the wand, a good adhesive such as super glue will hold the bead securely.

As with any fine instrument, technique is the key to optimal performance and satisfaction. Experimenting with pre-load adjustment, strike zone placement, and technique will prove that your new Crash 'N Flash Stage Lighting System provides years of satisfaction and reliability of on cue lighting to PUNCH-UP your show!

DON'T GET CAUGHT PLAYING IN THE DARK!!

***Crash 'N Flash DMX, delivering concert lighting performance...
on a working bands budget!!***

Artist support hotline:

920-680-3434 Phone/vm/text

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Crash 'N Flash Stage Lighting Systems

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