

ColorDMD LED Display Installation Instructions for Data East / SEGA

Congratulations on the purchase of a new ColorDMD display. The ColorDMD will enhance your pinball machine by introducing *color* to the dot matrix display graphics produced by the game.

Tools Required: • Phillips Screwdriver • 1/4" Nut Driver



Be sure to turn **OFF** the power to the pinball machine before installing the ColorDMD LED display.



Remove the original DMD from the pinball machine. Insulate the disconnected original DMD high power cable with electrical tape. Also disconnect the 5v power cable at CN2 on the Display Controller Board in the backbox.



WARNING. **Electric Shock Hazard** - To protect against accidental electric shock, <u>**DO NOT**</u> operate the game without ensuring that the ColorDMD metal bracket is electrically grounded.



Using the 4 Nylon snap-in PCB posts supplied in the ColorDMD accessory bag, fasten the Display Controller Board to the ColorDMD in the orientation shown in Fig. A. **Ensure the RF** Shield (if present) remains under the Display Controller Board with metallic side facing down.



Using the original DMD mounting hardware, install the ColorDMD LED with UP Arrow facing top edge of speaker panel (see Fig. A). *Note: Reattach original ground cables to ColorDMD LED bracket at bare metal mounting screw holes located at the bottom edge.*



Locate the included ColorDMD Power Tap and Power Harness in the accessory bag. Connect the ColorDMD LED to power. See Step 5 Data East for Data East games or see Step 5 SEGA for Sega games.

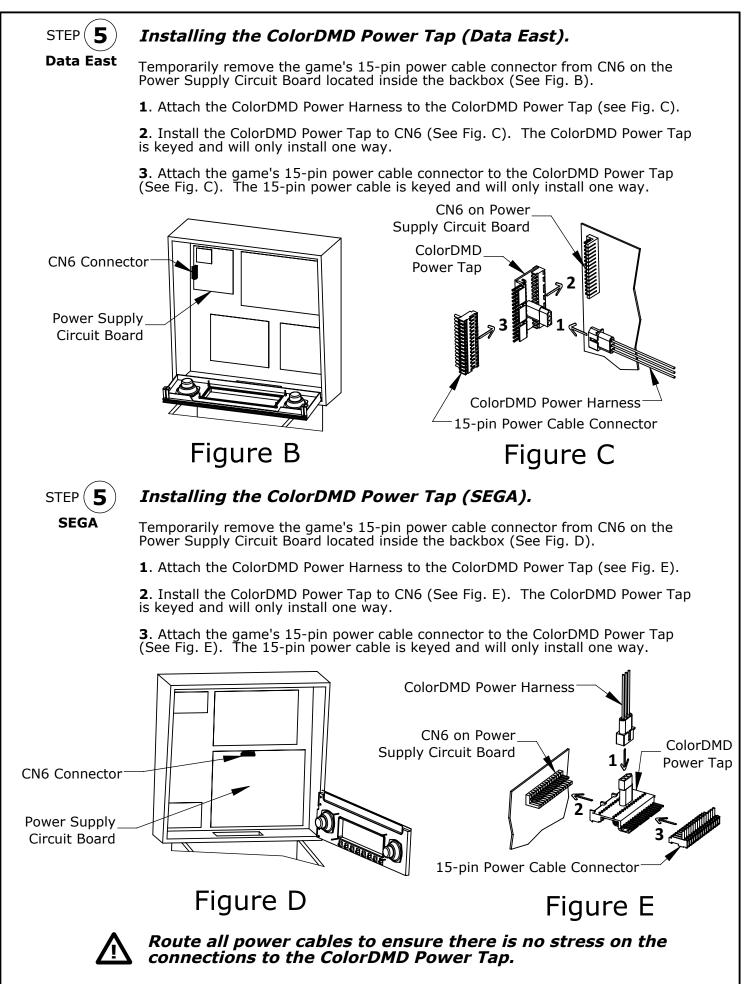
RF Shield with metallic_____ side facing down

> DMD Controller Board from the game mounted to ColorDMD LED bracket⁻ with included Nylon snap-in PCB posts

> > This Side Faces UP / TOP of Speaker Panel

Figure A

ALL RIGHTS RESERVED - US PATENT 8,773,452 B2 - COPYRIGHT 2016 - COLORDMD DISPLAYS LLC



ALL RIGHTS RESERVED - US PATENT 8,773,452 B2 - COPYRIGHT 2016 - COLORDMD DISPLAYS LLC

