

LINEARdrive

The LINEARdrive range is composed by manual controllers and constant voltage drivers for LEDs that are controlled by 1, 2 and 3-4 channels. The LINEARdrive products covers all types of lighting applications; from single colour all the way up to dynamic whites, RGB and RGBW. All industry control protocols are covered: 1-10V, DMX512A/RDM, and DALI.

The dimming is strengthened with the HydraDrive system with a 15 bits resolution, that provides the smoothest flicker-free high-performance dimming from 100% to 0.1%. Useful in the applications where the video images register, professional or non-professional, is needed to eliminate this unpleasant records blinking.

The ToolBoxPro accessory is required for the LinearDrive DMX 1 or 2 channels internal parameters configuration such as the DMX channel or the HydraDrive regulation curves. The 4 channel LinearDrives have 3 buttons for the configuration.

You can download all technical specifications and programming guides on the web: www.grupo-mci.com

La familia LINEARdrive está compuesta por controladores manuales, y drivers de voltaje constante para LEDs que son controlados por 1, 2 y 3-4 canales. Los productos LINEARdrive cubren todo tipo de aplicaciones lumínicas, desde el control de luminarias monocolor hasta el control de blancos dinámicos, RGB y RGBW. Todos los protocolos de control de la industria están cubiertos: 1-10V, DMX512A/RDM y DALI.

La regulación está reforzada con el sistema HydraDrive de 15 bits de resolución, donde la función dimmer funciona con una gamma de atenuación del 100% al 0,1%, es decir, la regulación de la luz no provoca el efecto parpadeo, conocido también como flickering. Apto para aplicaciones donde el registro de imágenes de video, ya sea profesional o lúdica, es imprescindible eliminar este desagradable destello en las grabaciones.

Los LINEARdrive DMX de 1 ó 2 canales, necesitan el accesorio ToolBoxPro para poder configurar los parámetros internos como el canal DMX o las curvas de regulación HydraDrive. Los LINEARdrive de 4 canales, disponen de 3 botones para configurar los.

Todas las fichas técnicas y guías de programación están disponible en la web www.grupo-mci.com

REFERENCES REFERENCIAS



DMX hand controller

Controlador manual DMX

7150631	DimWheel LINEARdrive DMX hand controller	Controlador manual DMX DimWheel LINEARdrive	1
7150632	DimWheel LINEARdrive faceplate	Embellecedor DimWheel LINEARdrive	2
1 channel			
7150633	LINEARdrive 212D 200W 24V DC DMX	LINEARdrive 212D 200W 24V DC DMX	
7150634	LINEARdrive 211D 200W 24V DC 0-10V	LINEARdrive 211D 200W 24V DC 0-10V	
7150635	LINEARdrive 210D 200W 24V DC DALI	LINEARdrive 210D 200W 24V DC DALI	
2 channels			
7150636	LINEARdrive 222D 200W 24V DC DMX	LINEARdrive 222D 200W 24V DC DMX	
7150637	LINEARdrive 220D 200W 24V DC DALI	LINEARdrive 220D 200W 24V DC DALI	
3/4 channels			
7150627	LINEARdrive 180D 144W 24V DC DMX	LINEARdrive 180D 144W 24V DC DMX	3
7150628	LINEARdrive 720D 330W 24V DC DMX / DALI	LINEARdrive 720D 330W 24V DC DMX / DALI	
Accessories			
M050206	Wago terminal 5-way connection	Regleta conexión Wago 5 vías	4
7150638	Tool Box Pro (DMX parameters).	Tool Box Pro (Parámetros DMX).	

SPECIFICATIONS ESPECIFICACIONES

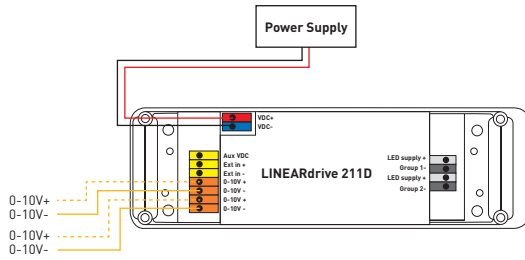


	1 CHANNEL			2 CHANNELS		3/4 CHANNELS	
	LINEARdrive 212D	LINEARdrive 211D	LINEARdrive 210D	LINEARdrive 222D	LINEARdrive 220D	LINEARdrive 180D	LINEARdrive 720D
Power consumption	Max. 200W	Max. 200W	Max. 200W	Max. 200W	Max. 200W	Max. 144W	Max. 330W
Measures	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm	153 x 50 x 23 mm
Weight	0,12 kg	0,12 kg	0,12 kg	0,12 kg	0,12 kg	0,12 kg	0,144 kg
Controller type	DMX512-A / RDM	0-10V	DALI	DMX512-A / RDM	DALI	DMX512-A / RDM	DMX512-A / RDM / DALI

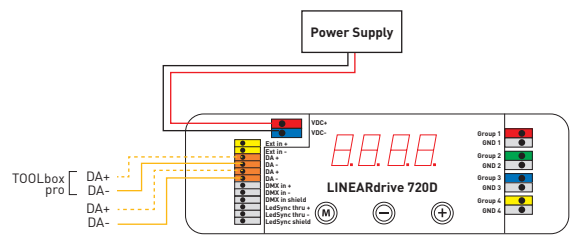
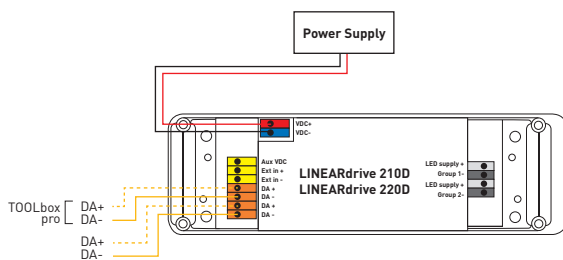
Compatible Products with LINEARdrive:
Productos compatibles con LINEARdrive:

Linear Flex® / SmartLedFlex® / LedFloodStrip® (monocolor) / Slim Ground Liner® / Ground Liner® (monocolor) / Step & Aisles profiles.

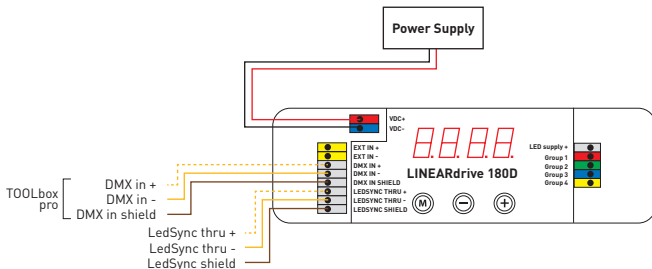
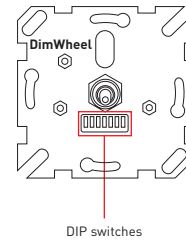
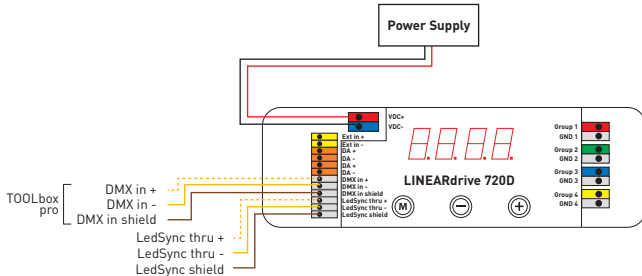
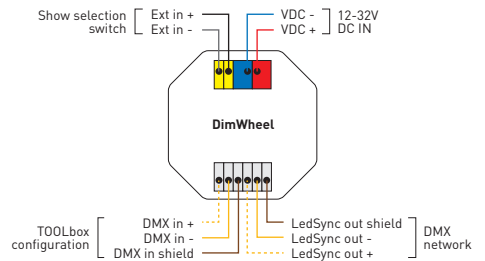
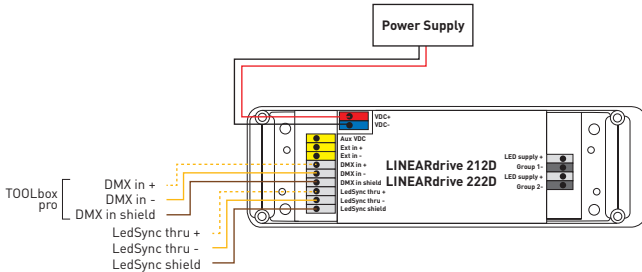
1 CHANNEL 1-10V CONNECTIONS
CONEXIONES 1 CANAL 1-10V



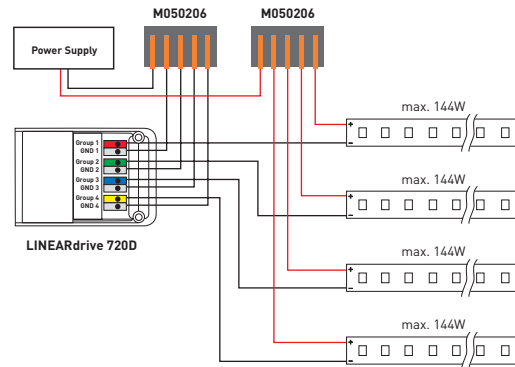
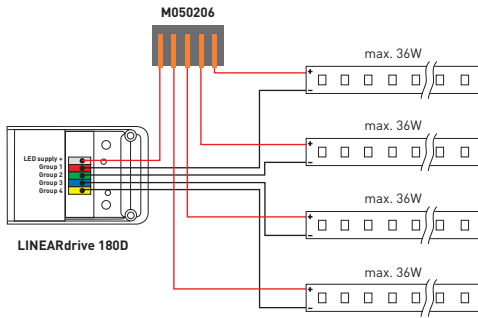
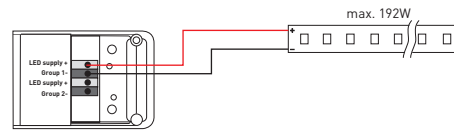
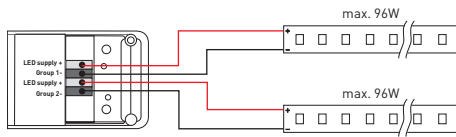
DALI CONNECTIONS
CONEXIONES DALI



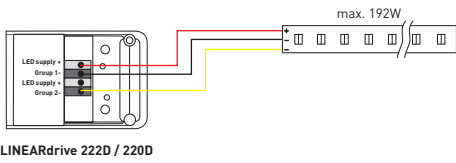
DMX CONNECTIONS
CONEXIONES DMX



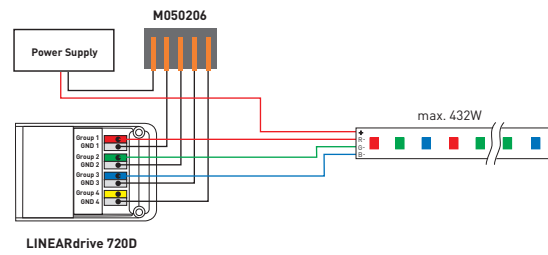
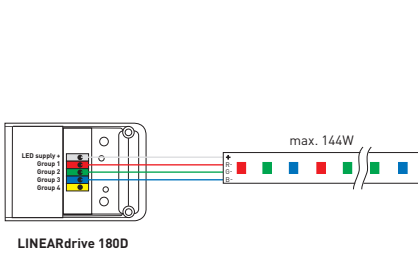
MONOCOLOR CONNECTIONS CONEXIONES MONOCOLOR



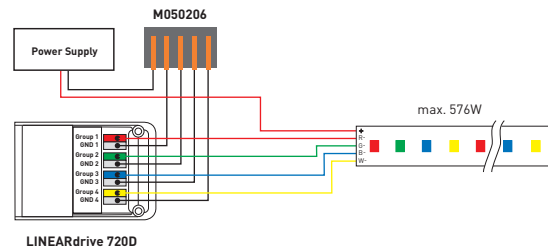
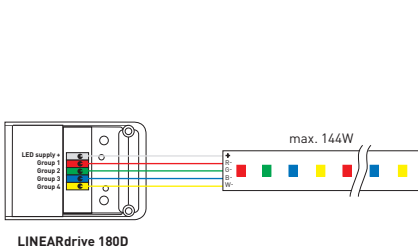
DYNAMIC WHITE CONNECTIONS CONEXIONES BLANCO DINÁMICO



RGB CONNECTIONS CONEXIONES RGB

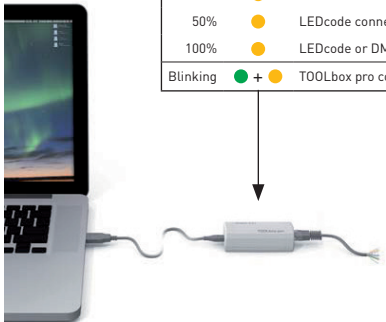


RGBW CONNECTIONS CONEXIONES RGBW



TOOL BOX PRO CONNECTIONS
CONEXIONES TOOL BOX PRO

off	●	no DALI power
50%	●	DALI power
100%	●	DALI activity
off	●	LEDcode not connected, no LEDcode/DMX activity
50%	●	LEDcode connected, no LEDcode/DMX activity
100%	●	LEDcode or DMX activity
Blinking	● + ●	TOOLbox pro connection error to computer



—	—	—	DMX in +	} DMX / LedSync
—	—	—	DMX in -	
—	—	—	DMX in shield	
—	—	—	DA +	} DALI
—	—	—	DA -	
—	—	—	LEDcode +	} LEDcode
—	—	—	LEDcode -	
—	—	—	Not used	

i In order for the FluxTool application to detect the LED driver, the driver must be powered on. Never connect more than one driver at a time.
 Para que la aplicación FluxTool detecte el driver LED, el driver debe estar encendido. Nunca conecte más de un driver a la vez.

MEASURES
MEDIDAS

