

D A T A S H E E T

PILOTINO™ PCB



Introduction

This version of the PILOTINO™ comes in a bare PCB format. This product is intended to be embedded into custom fixtures and lighting control systems in which component size is critical. Equipped with 6 mounting holes, the PILOTINO™ PCB is ready to be installed with M2.5 x 5mm standoffs into any sort of enclosure. The output channel count is configurable, allowing the user to employ this state of the art LED decoder in channel modes of 1-5. This means it can be used with monochrome, RGB, RGBW, RGBA, and RGBWA type of LED strips. The DMX addressing is achieved with the on-board dip switches, or it can be configured through RDM. This standard has many useful tools to set up and diagnose issues in an installation by providing temperature readings, current and voltage meters and other useful instruments. One of the most important features of this product involves the onboard IO socket. This socket is meant to be used with the expansion modules to equip the PILOTINO™ PCB with onboard WiFi or CRMX capabilities. With the PILOTINO CRMX™ PCB or PILOTINO WiFi™ PCB, you instantly convert this decoder into a CRMX or Art-Net node receiving unit. This Allows for a completely wireless solution. You can also hard-wire a DMX cable into the connector ports for wired configurations, or use one main receiving unit with any of the wireless modules and daisy chain the rest of the decoders with DMX cables.

Output

- Working Voltage: 12-24V DC
- Output Channels: 1-5 Selectable
- Max Current per Channel: 2.5A
- Output Frequency: 1-5.2KHz PWM

Control Options

- Input Control protocol: DMX512-A
- RDM: Yes
- DMX Resolution: 8/16 bit Selectable
- Wi-Fi: ArtNet with PILOTINO WiFi™ PCB
- CRMX: Lumen Radio with PILOTINO CRMX™ PCB

Environment

- Working Ambient Temp.: -10 +45° C
- Working Humidity: 5%-80% (non-condensing)
- IP Rating: Ip20 Non-waterproof (keep dry)

Protection

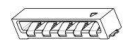
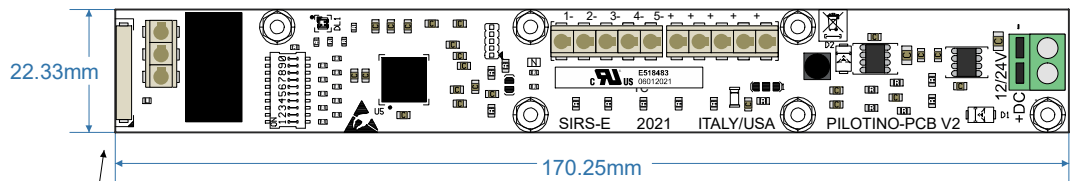
- Over Temperature: Linear Power Derating
- Output Short: Restorable Hall Sensor

Mechanical (PILOTINO™ PCB)

Dimensions mm (L W H): 170.3 x 22.3 x 23.2

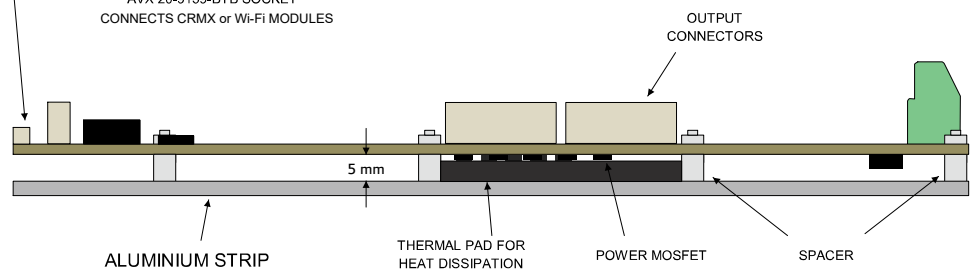
Package Contents

PILOTINO™ PCB - SKU: Pilotino-PCB



AVX 20-9159-BTB SOCKET
CONNECTS CRMX or Wi-Fi MODULES

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