



Overview

Allanson's ACL-ADC-SPI multi-protocol controller works with Serial Peripheral Interface (SPI) and the DMX, with the capability of controlling over 21,000 modules. It is compatible with all ColorMix products, great for casinos, sports arenas, large and small venues.



Explore ColorMix



Where to Buy

14 programs can be stored on an SD card, and multiple cards can be programmed for a specific project. A comprehensive 365-day calendar can be set up down to the minute. Programming by Allanson and ships ready to plug and play with a 120V AC adaptor. Additional accessories (included) are listed below.

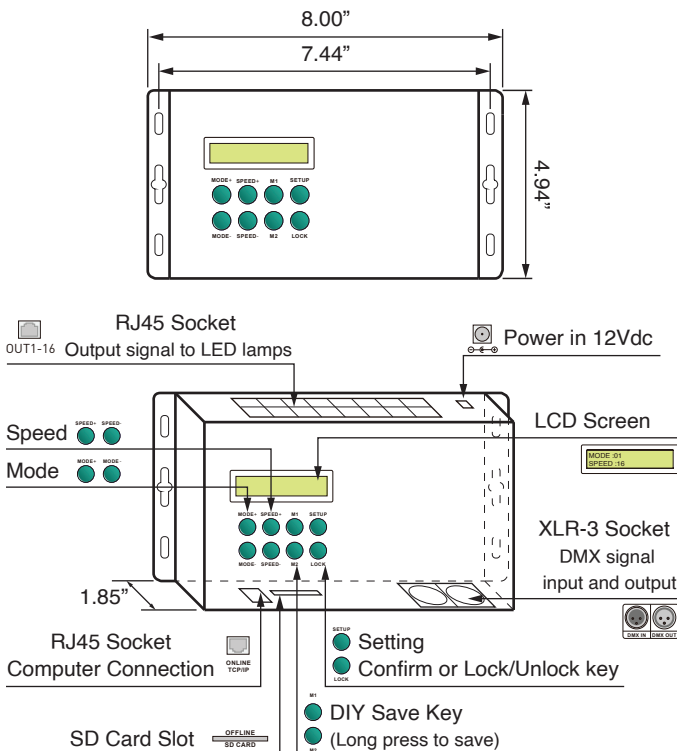
Features

- Capable of controlling over 21000 modules
- Supports SPI & DMX protocols (non-simultaneous)
- 14 Programs can be stored with an SD card
- Day, hour, and minute time setting capability
- Maximum distance from controller to first module is 200 ft and between modules is 60 ft
- 120V AC power adaptor, channel adaptors, SD card, and SD card reader included
- Operates independently without sub controller

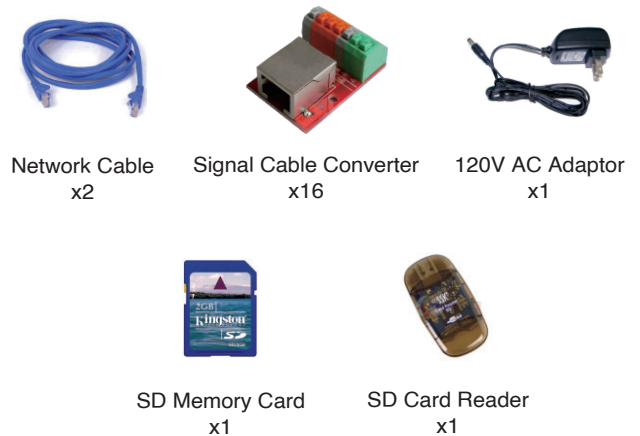
Specifications

Working Voltage.....	12VDC (with AC Adaptor)
Output Signal Channels.....	16 Channels
SPI Output.....	Max 1364 modules x 16CH (21824)
DMX Output.....	Max 170 modules x 16CH (2720)
Input & Output Interface.....	RJ45
Grey Level.....	Max 65536 scale (64k)
Refreshing Frequency.....	60Hz ~ 3000Hz
Online Transmission Mode..	TCP/IP standard internet protocol
Offline Storage Media.....	SD memory card
SD Card Capability.....	Max. 2GB
The 3th Interface.....	DMX512/1990 Protocol
Product Size.....	8.00" L x 4.94" W x 1.85" H
Packing Size.....	10.51" L x 5.43" W x 3.46" H
Weight.....	2.03 lbs (N.W.) 3.20 lbs (G.S.)

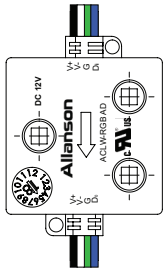
Controller Dimensions and Sockets/ Buttons Functions



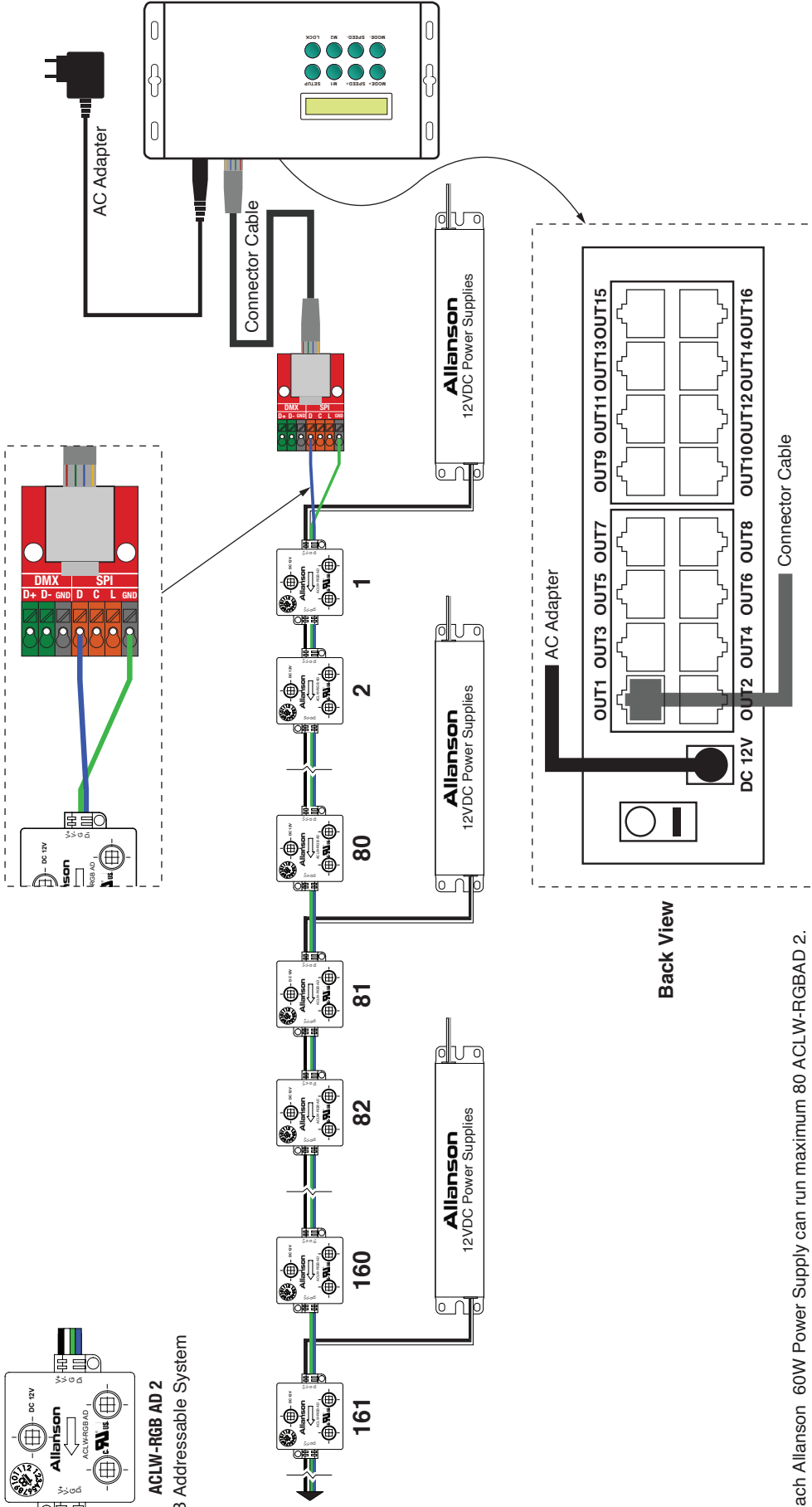
Included Accessories



Wiring Diagram



ACLW-RGB AD 2
RGB Addressable System



Back View

- Each Allanson 60W Power Supply can run maximum 80 ACLW-RGBAD 2.
- Maximum 16 channels per controller. Maximum 1364 modules per channel.
- Maximum distance between controller and first module is 200' and in between subsequent modules is 100' using Allanson Signal Cable (ACL-DMX-CBL-100), or 60' using CAT 5/6 cable.

Page 2/2

