



**NOTE:**  
 -MAXIMUM CAT5 RUN BETWEEN DEVICES IS 330 FT (100m). CONTACT CDL OR KINETICS TECHNICAL SUPPORT FOR INSTALLATIONS REQUIRING CUSTOM NETWORK CONFIGURATIONS.  
 -COLORREACH POWERCORE IS ADDRESSABLE IN TWO SEGMENTS. USE LIGHT SYSTEM COMPOSER SOFTWARE TO ADDRESS FIXTURES.  
 -CONTACT TECHNICAL SUPPORT FOR RECOMMENDED NETWORK SWITCHES.  
 -ETHERNET CONTROLLER KEYPAD REQUIRES COMPLIANT POE SWITCH PORT OR COMPLIANT POE INJECTOR (ITEM# 109-000029-00/01).

DATA TERMINATOR NOT REQUIRED WITH ETHERNET SYSTEMS

DATA CABLES (UTP) ACCEPTABLE CABLE TYPES CAT-5/CAT-5e/CAT-6 STRAIGHT-THROUGH (15688)

TITLE: SYSTEM WIRING DIAGRAM - TYPICAL

DATE:	12-1-2008
DWG. BY:	BHG
SCALE:	NTS
REV:	
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PRODUCTS: COLORREACH POWERCORE/DATA ENABLER/ LIGHT SYSTEM MANAGER/ETHERNET CONTROLLER KEYPAD

ETHERNET - 100BASE-TX, 10/100BASE-TX, 1000BASE-TX, 1000BASE-SX, 1000BASE-LX, 1000BASE-ER, 1000BASE-PL, 1000BASE-RM, 1000BASE-TM, 1000BASE-XL, 1000BASE-XL2, 1000BASE-XL3, 1000BASE-XL4, 1000BASE-XL5, 1000BASE-XL6, 1000BASE-XL7, 1000BASE-XL8, 1000BASE-XL9, 1000BASE-XL10, 1000BASE-XL11, 1000BASE-XL12, 1000BASE-XL13, 1000BASE-XL14, 1000BASE-XL15, 1000BASE-XL16, 1000BASE-XL17, 1000BASE-XL18, 1000BASE-XL19, 1000BASE-XL20, 1000BASE-XL21, 1000BASE-XL22, 1000BASE-XL23, 1000BASE-XL24, 1000BASE-XL25, 1000BASE-XL26, 1000BASE-XL27, 1000BASE-XL28, 1000BASE-XL29, 1000BASE-XL30, 1000BASE-XL31, 1000BASE-XL32, 1000BASE-XL33, 1000BASE-XL34, 1000BASE-XL35, 1000BASE-XL36, 1000BASE-XL37, 1000BASE-XL38, 1000BASE-XL39, 1000BASE-XL40, 1000BASE-XL41, 1000BASE-XL42, 1000BASE-XL43, 1000BASE-XL44, 1000BASE-XL45, 1000BASE-XL46, 1000BASE-XL47, 1000BASE-XL48, 1000BASE-XL49, 1000BASE-XL50, 1000BASE-XL51, 1000BASE-XL52, 1000BASE-XL53, 1000BASE-XL54, 1000BASE-XL55, 1000BASE-XL56, 1000BASE-XL57, 1000BASE-XL58, 1000BASE-XL59, 1000BASE-XL60, 1000BASE-XL61, 1000BASE-XL62, 1000BASE-XL63, 1000BASE-XL64, 1000BASE-XL65, 1000BASE-XL66, 1000BASE-XL67, 1000BASE-XL68, 1000BASE-XL69, 1000BASE-XL70, 1000BASE-XL71, 1000BASE-XL72, 1000BASE-XL73, 1000BASE-XL74, 1000BASE-XL75, 1000BASE-XL76, 1000BASE-XL77, 1000BASE-XL78, 1000BASE-XL79, 1000BASE-XL80, 1000BASE-XL81, 1000BASE-XL82, 1000BASE-XL83, 1000BASE-XL84, 1000BASE-XL85, 1000BASE-XL86, 1000BASE-XL87, 1000BASE-XL88, 1000BASE-XL89, 1000BASE-XL90, 1000BASE-XL91, 1000BASE-XL92, 1000BASE-XL93, 1000BASE-XL94, 1000BASE-XL95, 1000BASE-XL96, 1000BASE-XL97, 1000BASE-XL98, 1000BASE-XL99, 1000BASE-XL100