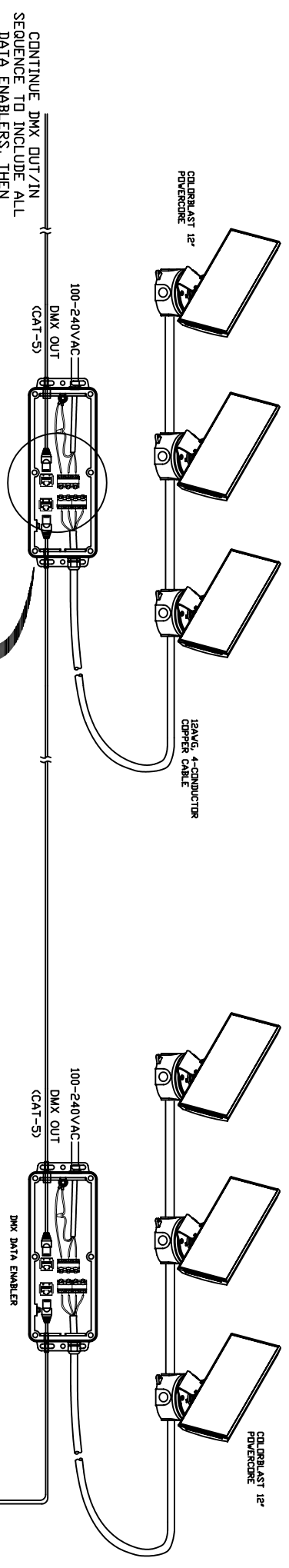
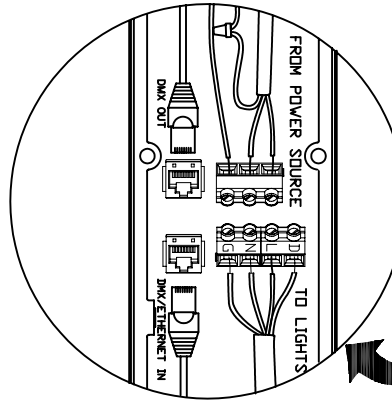


MAXIMUM RUN LENGTH FROM DATA ENABLER TO LAST FIXTURE IN SERIES 175 FEET (53 M).  
 TO CALCULATE THE NUMBER OF FIXTURES PER DATA ENABLER FOR YOUR INSTALLATION, REFER TO THE FIXTURE  
 CALCULATOR LOCATED AT WWW.COLORKINETICS.COM/SUPPORT/INSTALL\_TOOL



CONTINUE DMX OUT/IN  
 SEQUENCE TO INCLUDE ALL  
 DATA ENABLERS, THEN  
 TERMINATE THE LAST UNIT  
 WITH A COLDER KINETICS  
 DATA TERMINATOR  
 (SEE BELOW)

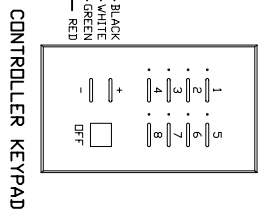
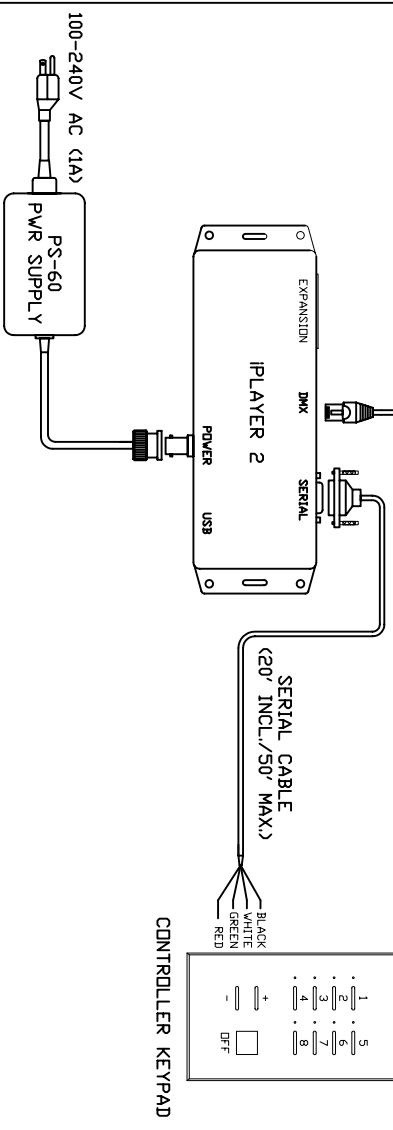


US  
 DATA LINE - RED  
 NEUTRAL - WHITE  
 GROUND - GREEN/YELLOW

EUROPE  
 DATA LINE - BLK  
 NEUTRAL - BROWN  
 GROUND - GREEN/YELLOW

CAT 5/RJ45 DATA CABLE  
 (UTP 24 AVG 4 PAIR)

DATA TERMINATOR  
 PLACE IN DMX OUT PORT OF  
 DATA ENABLER WHEN REQUIRED  
 (SEE NOTES)

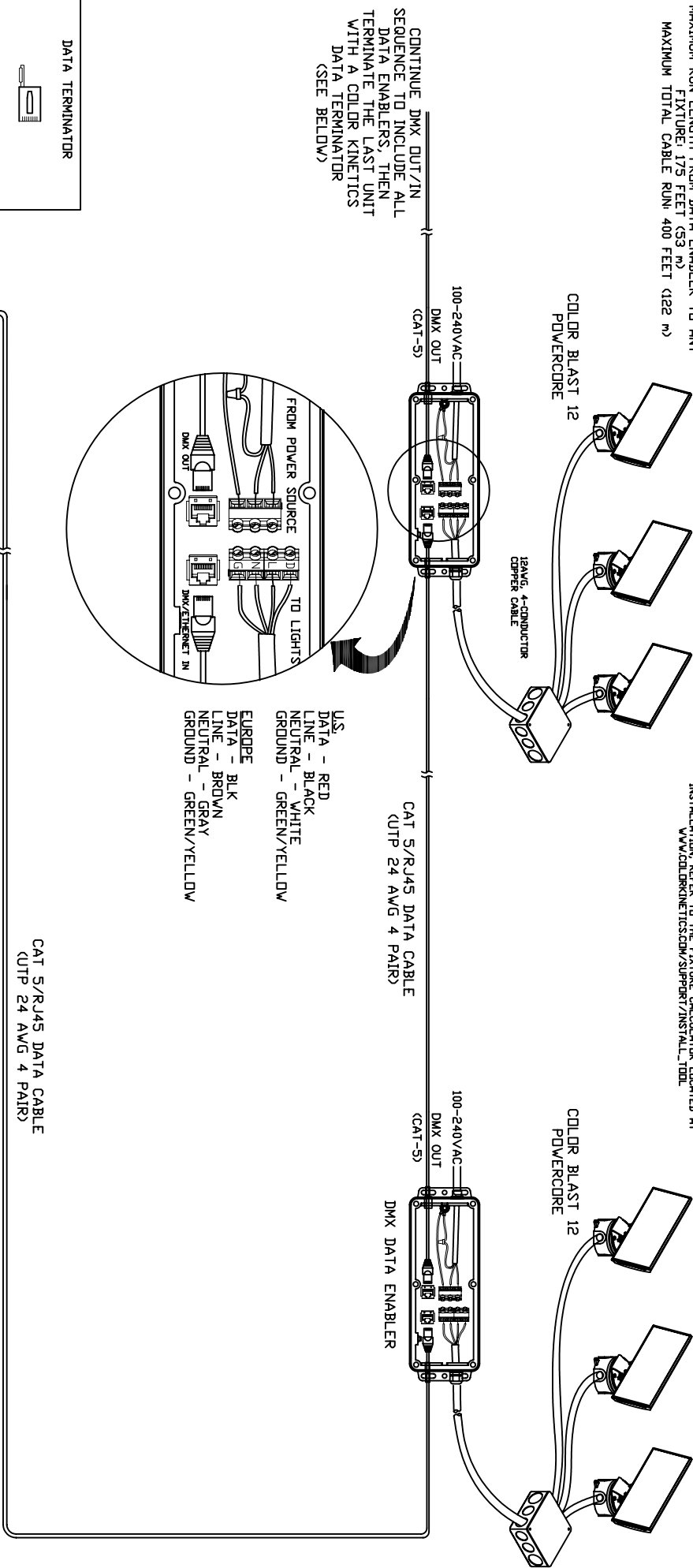


NOTE:  
 - USE A THIRD PARTY DMX REPEATER ON EVERY 32nd DATA ENABLER  
 UNIT IN A CHAIN, OR WHEN THE TOTAL DMX DATA RUN EXCEEDS 1,000  
 FEET. REFER TO THE USITT DMX-512 STANDARD FOR MORE INFORMATION.  
 - PLACE A DATA TERMINATOR IN THE DMX OUT PORT OF THE LAST  
 DATA ENABLER IN THE CHAIN.

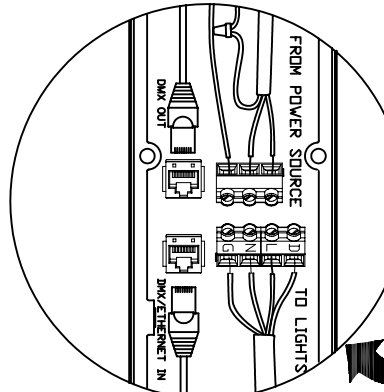
CAT-5/RJ45 PIN-OUT (1) DATA - (2) DATA + (3) GND (VIEW FACING PINS)			
COLOR KINETICS INCORPORATED 10 MILK STREET, SUITE 1100 BOSTON, MA 02108 888 FULL RGB 617 423 9999 WWW.COLORKINETICS.COM		FULL SPECTRUM DIGITAL LIGHTING	
TITLE	SYSTEM WIRING DIAGRAM (TYP)	DATE:	6-28-2005
PRODUCTS:	COLDER BLAST 12 POWERCORE /DATA ENABLER/PLAYER 2/ KEYPAD/PS-60	DWG. BY:	MJ
		SCALE:	NTS
		REV:	
PAGE:	1 OF 1		

HOME RUN CONNECTION  
 MAXIMUM RUN LENGTH FROM DATA ENABLER TO ANY  
 FIXTURE: 175 FEET (53 m)  
 MAXIMUM TOTAL CABLE RUN: 400 FEET (122 m)

TO CALCULATE THE NUMBER OF FIXTURES PER DATA ENABLER FOR YOUR  
 INSTALLATION, REFER TO THE FIXTURE CALCULATOR LOCATED AT  
[WWW.COLORKINETICS.COM/SUPPORT/INSTALL\\_TOOL](http://WWW.COLORKINETICS.COM/SUPPORT/INSTALL_TOOL)



CONTINUE DMX OUT/IN  
 SEQUENCE TO INCLUDE ALL  
 DATA ENABLERS, THEN  
 TERMINATE THE LAST UNIT  
 WITH A COLOR KINETICS  
 DATA TERMINATOR  
 (SEE BELOW)

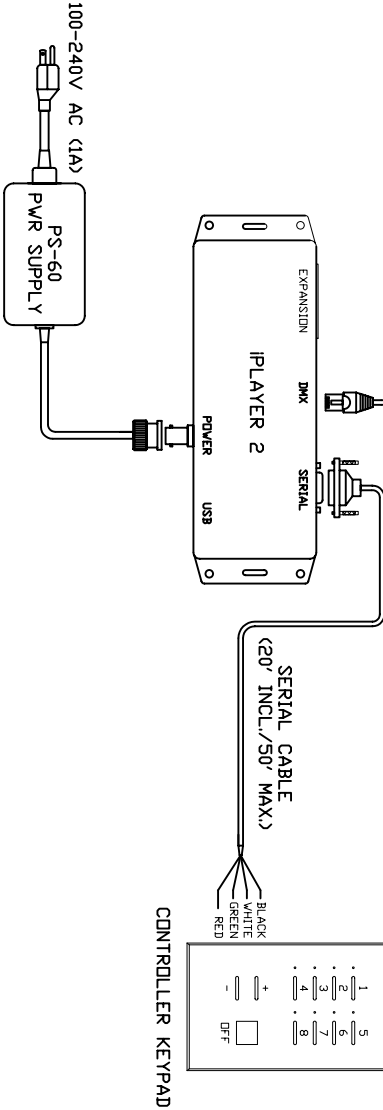


US  
 DATA LINE - RED  
 LINE - BLACK  
 NEUTRAL - WHITE  
 GROUND - GREEN/YELLOW

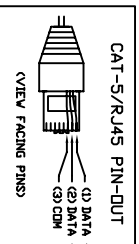
EUROPE  
 DATA - BLK  
 LINE - BROWN  
 NEUTRAL - GRAY  
 GROUND - GREEN/YELLOW

CAT 5/RJ45 DATA CABLE  
 (UTP 24 AWG 4 PAIR)

DATA TERMINATOR  
 PLACE IN DMX OUT PORT OF  
 DATA ENABLER WHEN REQUIRED  
 (SEE NOTES)



NOTE:  
 - USE A THIRD PARTY DMX REPEATER ON EVERY 32nd DATA ENABLER  
 UNIT IN A CHAIN, OR WHEN THE TOTAL DMX DATA RUN EXCEEDS 1,000  
 FEET. REFER TO THE USITT DMX-512 STANDARD FOR MORE INFORMATION.  
 - PLACE A DATA TERMINATOR IN THE DMX OUT PORT OF THE LAST  
 DATA ENABLER IN THE CHAIN.



COLOR KINETICS INCORPORATED  
 10 MILK STREET, SUITE 1100  
 BOSTON, MA 02108  
 888 FULL RGB  
 617 423 9999  
[WWW.COLORKINETICS.COM](http://WWW.COLORKINETICS.COM)

TITLE	DATE: 6-28-2005
SYSTEM WIRING DIAGRAM (TYP)	DWG. BY: MJ
PRODUCTS: COLOR BLAST 12 POWERCORE HOME RUN CONNECTION DATA ENABLER/PLAYER 2/KEYPAD/PS-60	SCALE: NTS
	REV: 1 OF 1