

AC POWER CONNECTION
100-240V
2 POLE, 3 WIRE
GROUNDED
15A PLUG

18 AWG STRANDED
(0.82 mm sq)

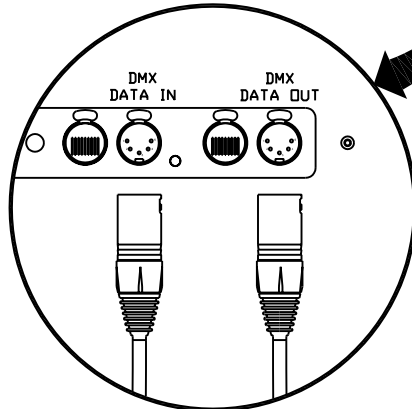
XLR-5 DATA CONNECTION

PIN 1 SHIELD
PIN 2 DATA -
PIN 3 DATA +
PIN 4 N.C.
PIN 5 N.C.

XLR-5

DATA CABLE

DATA CABLE
FROM CONTROLLER
TO DATA IN



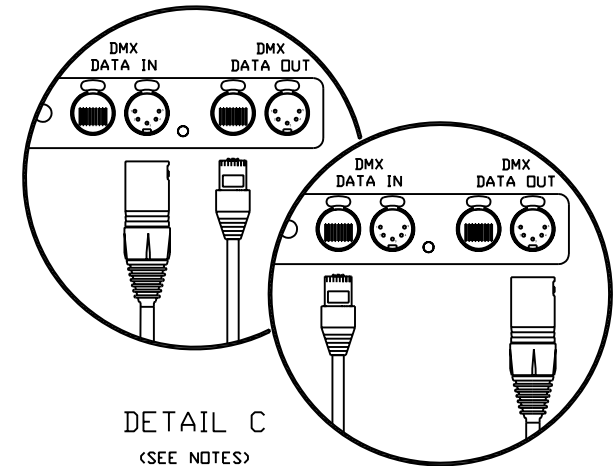
DETAIL A

U.S.
LINE - BLACK
NEUTRAL - WHITE
GROUND - GREEN / YELLOW

EUROPE
LINE - BROWN
NEUTRAL - BLUE
GROUND - GREEN / YELLOW

DATA CABLE
FROM DATA OUT
TO DATA IN
ON NEXT FIXTURE

CONTINUE DMX OUT/IN
SEQUENCE TO INCLUDE ALL
FIXTURES IN CHAIN, THEN
TERMINATE THE LAST.
(SEE NOTES)



DETAIL C
(SEE NOTES)

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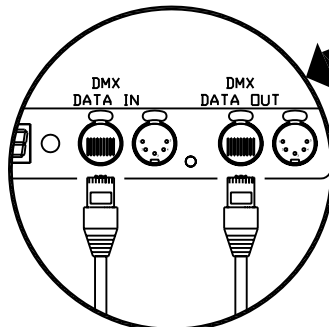
RJ45 DATA CONNECTION

PIN 1 DATA -
PIN 2 DATA +
PIN 3 SHIELD

RJ45 8-PIN
(VIEW FACING
PINS)

DATA CABLE
(CAT-5 UTP 24AWG 4 PAIR)

DATA CABLE
FROM CONTROLLER
TO DATA IN



DETAIL B

DATA CABLE
FROM DATA OUT
TO DATA IN
ON NEXT FIXTURE

CONTINUE DMX OUT/IN
SEQUENCE TO INCLUDE ALL
FIXTURES IN CHAIN, THEN
TERMINATE THE LAST.
(SEE NOTES)

NOTES:

1. PLACE TERMINATOR IN DMX DATA OUT PORT OF THE LAST FIXTURE IN A CHAIN.
2. MAXIMUM DMX DATA RUN FROM DMX SOURCE TO LAST FIXTURE IN CHAIN IS 1000 FEET (OR 300 M).
3. DMX DATA CHAINS NEED NOT BE CONNECTOR SPECIFIC, FOR EXAMPLE: XLR-5 INPUT WITH RJ45 OUTPUT AND VICE VERSA. SEE DETAIL C.
4. FOLLOW PROPER DMX WIRING METHODS AS OUTLINED BY USITT AND PLASA.



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| | |
|---------------------------------------|--------------|
| TITLE: SYSTEM WIRING DIAGRAM (TYP) | DATE: |
| PRODUCTS: COLORBLAZE 48 AND 72 | DWG. BY: BS |
| | SCALE: NTS |
| | REV: |
| | PAGE: 1 OF 1 |